



COTTAGE GROVE CITY COUNCIL

12800 RAVINE PARKWAY SOUTH
COTTAGE GROVE, MINNESOTA 55016

OCTOBER 5, 2022

REGULAR MEETING - 7:00 P.M. COUNCIL CHAMBER

- 1 CALL TO ORDER
- 2 PLEDGE OF ALLEGIANCE
- 3 ROLL CALL
- 4 OPEN FORUM
- 5 ADOPTION OF AGENDA
- 6 PRESENTATIONS
 - A Fire Prevention Week Proclamation
Staff Recommendation: Proclaim the week of October 9-15, 2022 as fire prevention week.
- 7 CONSENT AGENDA
 - A City Council Meeting Minutes - September 7, 2022 (Special Meeting)
Staff Recommendation: Approve the September 7, 2022, Special Meeting Minutes.
 - B City Council Meeting Minutes - September 7, 2022 (Regular Meeting)
Staff Recommendation: Approve September 7, 2022, Regular Meeting Minutes.
 - C Rental License Approvals
Staff Recommendation: Approve the issuance of rental licenses to the property in the attached table.
 - D Agreement for Professional Services with True North Psychology & Consulting
Staff Recommendation: Authorize executing agreement for professional services with Dr. Amy Schweigert of True North Psychology & Consulting.
 - E Authorization to Apply for Leary Firefighters Foundation Grant
Staff Recommendation: Authorize the Cottage Grove Fire Department to apply for a Leary Firefighters Foundation grant for \$25,000.00 to fund a much-needed project to purchase CAD interface computers for fire apparatus.
 - F Accept Donations Received 2nd and 3rd Quarter
Staff Recommendation: Adopt Resolution 2022-132 accepting donations received between April 1 and September 30, 2022
 - G Authorization to Pursue Funding and Replacement of K9
Staff Recommendation: Authorize the plan to move forward with a new K9 to replace Gunnar and authorize Public Safety to pursue funding through the USPCA and Public Safety Board.
 - H 2023 Pickups and Hoists
Staff Recommendation: Authorize staff to place the order for pickup trucks and hoists as part of the 2023 equipment replacement budget for an estimated total of \$438,000.

I Pine Arbor Alcove Stop Sign Authorization

Staff Recommendation: Adopt Resolution 2022-131 authorizing the installation of a stop sign at Pine Arbor Alcove South at the intersection with Pine Arbor Lane South.

J South District Street & Utility Improvements – Change Order #2

Staff Recommendation: Approve Change Order #2 revising portions of the project design and scoping, and increasing the contract total by \$527,813.34 to a total contract amount of \$7,302,466.20.

K 2023 Pavement Management – Authorization of Feasibility Report

Staff Recommendation: Adopt Resolution 2022-129 authorizing the preparation of a feasibility report for the 2023 Pavement Management Project for portions of the Thompson Grove Estates Neighborhood and the south 80th Street frontage road from Hemingway Avenue to Hyde Avenue.

L 2023 Pavement Management Project - Jetting and Televising Quote Award

Staff Recommendation: Adopt Resolution 2022-134 awarding the 2023 Pavement Management Project – Jetting and Televising project to the accepted quote supplied by Pipe Services, Inc. in the amount of \$39,981.28.

M River Oaks Golf Course Improvements Project

Staff Recommendation: Adopt resolution 2022-133 approving plans and specifications and establishing an October 27, 2022, bid date for the River Oaks Golf Course improvement project.

8 APPROVE DISBURSEMENTS

- A Approve payments for the period of 9-16-2022 through 9-29-2022 in the amount of \$5,625,235.34.

9 PUBLIC HEARINGS

10 BID AWARDS

11 REGULAR AGENDA

12 COUNCIL COMMENTS AND REQUESTS

13 WORKSHOPS - OPEN TO PUBLIC

14 WORKSHOPS - CLOSED TO PUBLIC

15 ADJOURNMENT



City Council Action Request

6A

Meeting Date	10/5/2022
Department	Public Safety
Agenda Category	Presentations
Title	Fire Prevention Week Proclamation
Staff Recommendation	Proclaim the week of October 9-15, 2022 as fire prevention week.
Budget Implication	N/A
Attachments	Fire.Prevention.Week.Proclamation.10.05.2022.TIF 633.05KB



PROCLAMATION

Fire Prevention Week

WHEREAS, fire is a serious public safety concern both locally and nationally, and homes are where people are at greatest risk from fire; and

WHEREAS, according to the National Fire Protection Association® most recent data, U.S. home fires resulted in 2,580 civilian deaths in 2020, and fire departments in the United States responded to 356,500 home fires; and

WHEREAS, smoke alarms sense smoke well before you can, alerting you to danger in the event of a fire in which you may have as little as 2 minutes to escape safely; and

WHEREAS, working smoke alarms cut the risk of dying in reported home fires in half and residents should be sure everyone in the home understands the sounds of the alarms and knows how to respond; and

WHEREAS, residents should listen for the sound of the smoke alarm and when it sounds, respond by going outside immediately to the designated meeting place; and

WHEREAS, residents who have planned and practiced a home fire escape plan are more prepared and will therefore be more likely to survive a fire; and

WHEREAS, Cottage Grove Public Safety – Fire Division and the City of Cottage Grove are dedicated to reducing the occurrence of home fires and home fire injuries through prevention and protection education; and

WHEREAS, the 2022 Fire Prevention Week theme, “Fire won’t wait. Plan your escape.”, effectively serves to remind us that it is important to have a home fire escape plan.

NOW, THEREFORE, the Mayor and City Council of the City of Cottage Grove, County of Washington, State of Minnesota, hereby proclaim the week of October 9-15, 2022, as: “fire prevention week” with the theme, “Fire won’t wait. Plan your escape.” And encourages all Cottage Grove residents to be aware of their surroundings, look for places fire can start, listen for the sound of the smoke alarm, and learn and practice home fire escape plans in the City of Cottage Grove.

Passed this 5th day of October, 2022.

Myron Bailey
Mayor



City Council Action Request

7A

Meeting Date	10/5/2022	
Department	Administration	
Agenda Category	Consent Agenda	
Title	City Council Meeting Minutes - September 7, 2022 (Special Meeting)	
Staff Recommendation	Approve the September 7, 2022, Special Meeting Minutes.	
Budget Implication	N/A	
Attachments	9-07-2022 (City Council Special Meeting).tif	72.34MB

MINUTES

COTTAGE GROVE CITY COUNCIL

COUNCIL CHAMBER
12800 RAVINE PARKWAY SOUTH

September 7, 2022

SPECIAL MEETING - 6:00 P.M.

TRAINING ROOM - Open to the Public

1. CALL TO ORDER

Mayor Bailey called the Special Meeting to order at 6:00 p.m., noted it was regarding review of the Glacial Valley Park building design.

Administrator Levitt stated the application on tonight's Council Meeting Consent Agenda is a planning and zoning application, addressing setbacks, building materials, parking, etc. It's nothing related to the actual design that we're talking about now. You'll approve the formal bid set, so the full plan set with specifications, in October or November, including all the feedback we get today. The designers have a lot of work to do, based upon directions Council provides tonight regarding a final design set.

2. WORKSHOP

A. Glacial Valley Park Building Design Review

Staff Recommendation: Receive information and give feedback on Glacial Valley Park building design.

Parks and Recreation Director Zac Dockter stated he's excited to be back to talk about some of the concepts. They met with Kraus-Anderson, who's partnering with us on the construction and money side of this project, and Wold, our architectural team. The current bidding environment is weird with supply-chain issues, etc., but we're giving the best estimates and feel pretty good about them. However, until things are bid, we just don't know; he wanted to be upfront and honest about that.

John McNamara, of Wold Architects stated they're here tonight to finalize some of the things we'd previously discussed at our last meeting in June, some stated building features that we needed feedback on to finish up the design work and stay on track. There was some feedback given then regarding looking at some different materials and potential changes; we have those for you tonight. Some of them have budget implications, so we want to make sure we talk about those. There are also some new questions we'd like to pose to Council on which we'd like feedback.

Mr. McNamara stated he'd first speak about some things related to sustainability. Beyond some of the things that we're going to look for specific feedback on tonight,

there are several things that are already incorporated into the design and the budget, that are traditionally applied to buildings like this. He displayed a list that's intended to just highlight some of those; we're not looking for any sustainability certification for it but wanted to share the list with them. There's a whole page of things that are site related; if they want specifics on any of those, he'd be happy to discuss them. Everything on this list are things that we're incorporating into the project as a baseline.

Solar Energy: Mr. McNamara stated this was a big topic brought up at the last meeting. It was asked what that would look like, where it could be, and he displayed a diagram that they've been working on with IPS Solar, one of the largest solar providers and installers in Minnesota, who collaborates with them on projects like this.

With the new energy bill, there's a change in how cities and governments can access rebates and the ability to get some funds related to purchasing solar vs. going through a power purchase agreement, which the City previously did. There are different ways to procure solar: You can still do a power purchase agreement; you could purchase solar and look for Federal rebates to reduce the cost, which could be 30% of the cost of solar. Some of that hasn't been vetted out and would take some discussion with the Finance team, but that's an option that previously didn't exist for the city. Upfront cost: About \$125,000 to purchase the solar and put it on the building for the size of the array that we're planning. If there were no rebates or no incentives to do this, payback on it would be in 12-to-15 years. Certainly, that payback would be less as you get rebates, depending upon how you want to purchase it. The decision related to solar is one that's important because we need to make sure that we're coordinating with electric, coordinating with materials, etc. to be able to maximize the array on the roof. We'll need feedback from the Council on that tonight.

Geothermal System: We'd also discussed the potential of doing a geothermal system on site. We looked at what it would take with the available space and how many wells would be needed to provide heating and cooling for this building. We coordinated with the civil engineering group doing the park right now as to where we could put a well field, which is next to the ice rink. It would be completely underground, so wouldn't be visible at all; the only entry point would be into the building's mechanical space. It would take about 30 wells to do this, at a cost of about \$110,000. The payback for geothermal is an interesting one; the payback for geothermal alone is quite high, maybe 35 years, but when you combine it with the solar option on the building, with some of the rebates, etc., it brings that overall payback for that system down to 20-25 years. That's because you're using solar to offset some of the electric costs and some overhead of purchasing the geothermal system. Regarding sustainability, solar and geothermal combined together drive the building towards what we call a net-zero building; that means that there are no utility costs for the building because electricity is being provided by the solar array, and heating and cooling is being provided by the geothermal system. Your only net utility cost would be providing water and sanitation, whatever those connection charges are for the building. From an energy side of things, you would end up with a net-zero facility as part of a combined solar and geothermal solution. Again, there are some upfront costs in order to be able to get to that.

Council Member Olsen asked with the solar, what impact, if any, would that decision have on the orientation of the building. Mr. McNamara replied none, as it's designed around the current orientation.

Exterior Wall Insulation: Another sustainability strategy on the table right now is changing the exterior wall insulation; it has little to no impact on the building itself, but it reduces our construction costs by \$30,000. It changes the thickness of the wall in a few areas because we're proposing to use Mineral Wool insulation in the building; that's derived from concrete waste materials so it's completely sustainable, provides better insulation in the building, and doesn't have any negative impact on the building at all. It's not an extruded polystyrene product like wall insulation, but it's a completely natural product. The only thing that it does is add an inch or so in the building in a couple of locations; we think it's easy, without impacting spaces in the building, so we feel it's a good strategy to implement here.

Council Member Khambata stated that insulation had different volume but asked if its R-value was the same; Mr. McNamara replied yes. Council Member Khambata stated it didn't impact the utility cost, which was confirmed. Council Member Khambata stated the physical size of it required alterations in some of the wall structures. Mr. McNamara explained it requires them to add a couple inches of space in between the metal studs and the exterior material to accommodate the extra thickness of the material to achieve the same R-value.

Bird Glass: Could be added to the building, it's something worth considering, but it has an added cost. If interested in pursuing that, Kraus-Anderson gave an additional cost quote of \$25-\$30 per square-foot. With the amount of glass on the building, it would add about \$45,000 to the project.

Council Member Thiede asked how many square feet of glass we have; Mr. McNamara stated he'd have to do the math on that. Council Member Thiede stated the north side seemed to have the biggest expanse of glass, but that was more pane, it wasn't a huge clear glass. Mr. McNamara stated there are two areas on the design that have large, expansive glass; one is in the education classroom, and one is in the multipurpose space. The north side and the south side have similar amounts of glass.

Administrator Levitt stated the reason we looked at the bird glass is because the County was encountering challenges with bird strikes at their building, with their expansive glass. At the HERO Center for the first year, because of our bonding dollars, we had to count all the dead birds related to the glass on that facility. It adds up quickly, so it's important to look at that cost, as we've had examples of where that became more significant. You probably heard about it with the Vikings stadium, too, as it was substantial there.

Council Member Khambata asked if this glass uses some sort of UV coating to prevent that, which Mr. McNamara confirmed. Council Member Khambata asked if the coating is done after the fact; Mr. McNamara stated yes, this would be part of the product's upfront cost.

Sustainable Exterior Material: Thermally modified wood was also discussed at our last meeting, which we had used on both wings of the building. A question was asked about that cost and if we could consider other materials; we've included a couple of other design options for consideration tonight: Regular cement board siding, a metal panel

system that would provide a similar texture, but would be metal, or the thermally modified wood.

He displayed exterior images with the thermally modified wood; if we don't treat it with anything, the idea is that it ages naturally over time. One thing we didn't want to necessarily introduce was added maintenance; we're assuming at least for discussion purposes that the thermally modified wood would age over time so it will start to turn into a warm gray color. It will be a little bit varied depending on its exposure. As you look at that material, it will change and warm up; it won't stay that natural wood color unless you add a sealing product to it, which would be a maintenance cost for the building over time. You must decide if you want to let the thermally modified wood age naturally or not and if you like that appearance.

The Hardie board cement siding you'd maybe see on a house; they make color versions of it that do not require future painting, so that's what we'd be proposing. This would achieve a similar texture to the building as previously discussed. We're proposing a warm gray color to align with the base that we have on the building right now; it certainly changes the look of the building, and it wouldn't be something that would change or fade over time.

Council Member Olsen asked if the color he displayed is what he considered warm gray; Mr. McNamara stated what's displayed is probably a little cooler than what it would be, as it's supposed to be more of a natural warm color that would complement the stone on the building. He stated the warm gray would be significantly darker. There are other colors to choose from, so we chose a color to go with the base. Mr. McNamara stated this is a cheaper product, and so a change to the Hardie board siding would reduce costs by about \$18,000.

Mr. McNamara stated he didn't have a rendering of the metal panel but stated it would look similar; it would have an added cost of about \$68,000. He thought they could obtain a different material without going to a more expensive metal panel.

Council Member Olsen asked from a useful life perspective, thermally modified wood vs. the second option, which one would wear longer. Mr. McNamara replied they're both probably the same; thermally modified wood is engineered to stand up to wear and tear, and the only aging of it is the change in color. Otherwise, it would last if the Hardie board siding. Council Member Olsen stated in terms of useful life, they're apples to apples, which Mr. McNamara confirmed.

Mayor Bailey stated with the change in color, different parts of the building might fade at a different rate depending upon where the sun hit it. Mr. McNamara agreed, that's correct. Mayor Bailey stated he thought that would almost look like it's unfinished.

Significant discussion followed:

- Council Member Olsen stated he's not liking the wood and liked the second option better.
- Mayor Bailey stated he didn't like the wood either; his reason was not even because of the cost savings.
- Council Member Khambata stated to be fair, the Hardie board is going to fade to some extent as well if it's exposed to UV all the time.
- Mr. McNamara stated the Hardie board has warranties with it for fade resistance and longevity, and that's the product we'd be looking at; while things fade over time,

we'd be looking at a product that has a guarantee with it for fading and stability of the color.

- Council Member Dennis stated he has that on his house, and it comes with a 50-year warranty; the paint, which is applied at the factory, has a 20-year warranty. At his house, he can already see where the paint has challenges and is starting to pop up; so, that would require periodic maintenance of having to repaint it.

- Council Member Thiede stated so the Hardie Board is painted; Mr. McNamara confirmed that its factory painted.

- Mr. McNamara stated they'd want to provide the highest degree of stability; in his opinion, painting the Hardie board in the field is not going to be as good a solution as a factory finish on the product. They looked at other options related to treating of the corners and looking at different ways to do that; if we went with the Hardie board solution, we might want to entertain adding a little bit more of that stone look at the corners of these larger pieces.

- If Council direction is not to put the thermally modified wood on the building, he wouldn't suggest having it on the outside in different locations. We'd intended to use it on the underside of the soffits where it doesn't get the exposure so it would stay the color we'd discussed, which ties into the wood that we have inside the building, in the lobby.

- Council Member Olsen stated it was said that the wood product would fade over time unless we choose to do some ongoing maintenance; he asked what that ongoing maintenance would look like. Mr. McNamara replied depending upon the sealer, you'll probably have to reseal it probably every five years or so just to keep it looking natural. Council Member Olsen asked if we did that kind of maintenance, if it would maintain that original wood look; Mr. McNamara confirmed that.

Interior: Mr. McNamara stated when we last met, Council felt the interior wasn't as appealing as what you'd like it to be, that it was a little bit too much of a solid mass in that area. There were concerns about a couple of different things, as well as conversation about opportunities to add some texture in this space, like some of the images that we'd previously shown.

We looked at utilizing wood in that same space but added some texture and openness to it; so, these would be wood panels that would be laid up in a variety of different ways, either vertically, or where we have light fixtures and ventilation, more of a horizontal plane to try to give some more texture in that space.

We're also suggesting changing out the floor from polished concrete to a porcelain tile; the thought on the porcelain tile is to add a pattern to it that would give it kind of the variegated look that we'd have in some of the striations that you'd see in glacier formations and images shown previously. The floor itself would have a texture to it that would give us some of that design feature that we were looking for in here. Just for discussion purposes, we added some wood on the far wall at the far end of this area, to enable thinking about something that we could put on the wall that would give us an opportunity to add some art in this area. We don't have any preconceived ideas as to what that art would be; we would need some additional feedback from this group, but we want to at least start the conversation with providing a backdrop for something. We

could also leave it as a blank canvas so local artists could come in and add something to that wall. We would just want to support that effort by providing lighting or being part of the dialogue with that individual to be able to make sure that the art highlighted in this area is properly lit. This would be just taking that wood and running it down the wall to complement the wood benches that would be provided in that space for seating and staging during the wintertime. These panels would be applied in that area to give it a little bit more of an open feel; you'd be able to see the structure through it, which we were planning on painting black. That would provide some acoustics and allow for easy access to anything that might be up above that ceiling.

Council Member Thiede stated he was just going to ask about noise abatement considerations. Mr. McNamara stated this would be very acoustically appropriate in that space, it would really cut down on noise because the sound would be transferred up through it and bounce around and then come back down in this space.

Council Member Olsen stated he mentioned porcelain tile, but wondered what the impetus was for that option, why we'd choose to do that vs. the polished concrete. Mr. McNamara replied there had been some challenges in some other buildings with the polished concrete cracking and moving over time. Rather than dealing with repair and maintenance on that, it was thought this would be an opportunity to do something different in that area.

Council Member Olsen stated in terms of the wearability of that material, on occasion you can get some cracking in those porcelain tiles, and they can also get slick. As this is a year-round building in a park, he'd be concerned about people slipping. He asked if that was a valid concern. Mr. McNamara stated we can specify a porcelain tile product that would have some amount of slip resistance to it, like what you have in the lobby spaces here. We'd propose a porcelain tile product, which is much harder and denser than ceramic tile, that has less chance for cracking. The nice thing about porcelain tile is that there's also a through color in it, so if there is a chip on an edge, it's not as noticeable as it would be on ceramic tile.

Council Member Olsen asked what about a Luxury Vinyl Tile (LVT) or a Luxury Vinyl Plank (LVP). Mr. McNamara stated they've struggled to be frank with the city over the last number of years with LVT; they do not perform as well in public buildings as what we'd initially hoped. We've gotten feedback from several our clients that the maintenance and durability of it is something that they end up having to replace with a more durable product, especially in public areas where there's a lot of traffic. Scratching of it is a bigger challenge than wood. They've been recommending for public areas that clients move in a different direction than LVT. For storage rooms or rooms where you want a product that's easy to clean and which doesn't get as much traffic, it's still a good product. In a public space like this, they wouldn't recommend it.

Mayor Bailey stated regarding solar and geothermal, he knows there's additional costs we'll hear and there might be some funding opportunities that we'll have to dig into; the only thing he wanted to pose to Council that he thought was unique was if you think about Glacial Valley Park, it's very natural with the prairies. If we wanted to make a statement about sustainability, he thought we should take it to a step where we even have a plaque or a sign there that talks about the sustainable features of the building.

He didn't even know if they could install a piece of glass so people could see how this geothermal system works; he just thought this could be unique from a sustainability standpoint.

Council Member Olsen stated when we built this City Hall/Public Safety building, we made sure to follow GreenStep Cities guidelines because we wanted this building to be as sustainable as possible. It makes sense. He wondered if there was any kind of acknowledgment from a GreenStep Cities perspective if we were to do something like that, to celebrate it in that fashion.

Mr. McNamara stated he thought that would be a great thing to incorporate into some sort of educational narrative with this building and others.

Mayor Bailey stated that's where he was going; other than the functionality of this building being Net Zero at some point, if you look at all the trails that are going to go around Glacial Valley Park, they're going to talk about all of the natural amenities of this park, thinking back to the glacier times. He just really thinks this could be something that could be another good teachable moment for the families and youth in our community to come here and see what this is and then walk the trails and see all the nature.

Council Member Dennis stated he thought the community would feel very good if we had this type of a process.

Council Member Olsen agreed, as when we built this building and did the GreenStep piece, one thing we touted was rainwater recapture. When people took the tour of this building, that was one of the main things they wanted to talk about; they also started thinking about if they could do that on their own homes. With solar, there's so much return with tax credits, that it makes good financial sense, too. He stated he thought this building speaks to our values as a community and as a Council.

Mayor Bailey stated there are other cities that are putting out messaging about sustainability; it's in their value statements. We don't have that, but we talk about it.

Council Member Thiede asked how unique this is anymore; people have more solar than geothermal. Council Member Khambata stated geothermal is a unique factor. Mayor Bailey stated the geothermal would be more unique than the solar, but with the solar the idea is to have a Net Zero building.

Council Member Khambata stated a Net Zero building would be the important proposition for us in terms of promoting the green aspect of it. He asked regarding geothermal, having that in the ground and having whatever anticorrosive tool or whatever is in that system, what is the service interval and useful service lives of the solar panel, hardware, and of the geothermal hardware. If the ROI on this is 20-to-25 years, and the solar panels are done at 20 years, the geothermal pump is done at 30 years, then from a financial aspect, we're only breaking even. So, then the only real intrinsic value to it is being able to say that it's a Net Zero building. In the end it's costing the city the same amount of money; if they must redo this again in 20 years, when will we get done paying for it? He's in favor of it, but he's just looking at what are the long-term operational costs associated with taking on these additional features.

Mr. McNamara stated he has not heard of the life cycle related to solar panels; certainly, if there's breakage and normal maintenance, etc. that's just going to come. With that, it's a solid-state system, so there aren't really any moving parts, per se, for

that. Maybe there are controller upgrades, etc., but his understanding is the reason why these power purchase agreements exist is because they take some of the front end, then the city gets the back end, so there is longevity kind of built into the idea of that. He couldn't tell them exactly what that is, but they'd certainly get more information on it.

For the geothermal system, most of your upfront costs are drilling the wells. Once those are done, they're done. Council Member Olsen asked if those would be protected from any type of potential vandalism, which was confirmed by Mr. McNamara, who stated they'll be completely underground. They won't be visible, so you'll want to put up a plaque if you want to celebrate it. Maybe you'll lose a pump or must replace a pump, but those things happen on occasion.

Council Member Thiede stated he's in favor of this, he likes the idea, but with his financial sense, we'd also still have to have conventional heating, cooling, and electrical.

Mr. McNamara stated you'd have an electrical connection to the building because as part of the solar, some must be put back to the grid. For the mechanical system, once we go to geothermal, there will be a heat exchanger and that's it; that will provide heating and cooling. There'd be no added equipment, except maybe an exhaust fan for the restrooms. For the building heating and cooling, it would all be done through the geothermal system.

Mayor Bailey stated he's hearing a consensus on this, so we're going to proceed forward with the solar and geothermal from a sustainability standpoint.

Mayor Bailey stated regarding the exterior, he thought the insulation was a slam dunk, and Council Members agreed.

Mayor Bailey asked about the bird glass, discussion followed: Council Member Thiede stated no. Council Member Olsen stated he didn't know that it was necessary. Council Member Olsen asked if we had issues with bird strikes. Mayor Bailey stated Administrator Levitt had stated we had bird strikes at our HERO Center. Council Member Olsen asked how many was quite a bit; Administrator Levitt stated there were a lot. Council Member Thiede asked if 10 was a lot or if 100 was a lot. Council Member Khambata stated it's plausible that it's a problem, but maybe we should move that question to the end and see where we're at on the budget. Mr. McNamara stated we can probably defer this question towards the end; this is a potential alternative project with the glass product. He can't do geothermal as an alternate because it's engineering, but we can revisit the glass. Council Member Olsen asked Public Safety Director Koerner if he wished we'd done birdproof glass at the HERO Center; Director Koerner stated he didn't think it was that much of an issue.

Mayor Bailey asked about the exterior: Council Member Khambata stated he personally liked the Board and batten cast corners. Council Member Dennis and Council Member Olsen agreed. Mr. McNamara stated it's very handsome, and obviously we still must pick the final color; renderings are not exact. Council Member Thiede stated it still costs \$18,500 less, which was confirmed.

Mayor Bailey asked about the interior: Council Member Dennis stated he went back and looked at the meeting minutes from June 15, and we'd talked about doing some things to bring a little bit of beauty into this building. To be honest, the sign we have in front of us is plain; it's a utility grade design, it doesn't have a whole lot of imagination with unique touches to it. It's a basic type of government building.

We'd previously talked extensively about doing some artwork and the meaning of this area, why this is special, what it represents. It's the whole history of the area that is not being highlighted: We had glaciers that came here 10,000 years ago; as they made their way through, they altered landforms and brought in tremendous amounts of material that got deposited here. When the melting occurred, there was tremendous water runoff, and the Mississippi River was very much wider in that time than what it is today. He'd like to see us capture something that we could do along the lines of using some mosaic opportunity to add a special touch and feature to this to make it look nice. It's a simple concept, which he thinks is important. Lately, in government buildings, we no longer see special touches; previously, there was beauty in older structures. This is a chance to do something to highlight the importance of the area.

Council Member Dennis said he found the images displayed here in about four minutes time on Google. Mayor Bailey likes the one on the right-hand side; this is an opportunity where we could bring a design element like that in. There are other options, including panels, textured materials that you could put on the walls, different things that could be done to enhance the overall effect and not just have that plain wood inside or even the slatted wood. We could do something that has color to it that sparks enjoyment and imagination of people who come there. It would tell a unique story about why we have this building here and how this park is involved.

He stated there was a link in an email that he had sent regarding a community in California who reached out and brought their community together. Administrator Levitt clicked on the link, which showed a mosaic mural at the school park community garden. He explained there were many people involved in that, and it brought their community together in a creative spirit, with some art culture of the local area. Council Member Dennis stated we really have some talented people in Cottage Grove, and we previously had an Arts Commission. It would give an opportunity for the community to have a buy in so that when we were putting certain pieces of this together, people could come here, bring their kids, our staff and workers would be there. We could create something and put it up on the wall. Everybody could contribute. There's an opportunity here for community involvement, and others have done this very successfully. Because of this unique setting, he felt the Council wanted to do something nice at this location, something we could all be very proud of. It would also give us an opportunity to incorporate some of this.

Council Member Olsen stated we could make it educational as well. Council Member Thiede stated he liked the community involvement, to put the product on the wall.

Mayor Bailey stated when Wold added the wood to the wall, to him it just looked like there was too much wood in there. He understood the comments about acoustics for the ceiling. If we have the brick or the columns on the main part and then a nice mosaic

or something on that wall that will signify Glacial Valley with the glaciers, etc., he thought that would be fantastic.

Mr. McNamara stated that they could also add some plaques to it to explain some of the features. He loved this conversation, and it requires more engagement with others outside of their team to make this happen. Their goal is to support what you, as a professional organization, want for this building. We want to make sure that when that product is done, it can support whatever it is that you want to put in the building. He noted Hopkins had engaged an artist to do the light fixture in the main entry of their building; they spent time engaging with them to make sure that we were providing design solutions, but we weren't designers for the artwork. We just want to make sure that we're providing a building and whatever is necessary to make it shine when it's done, via adding light fixtures, aesthetics for the wall, and being strategic where we leave out materials so we can add materials later. We want to make sure that what we have inside the building will be surfaces that aren't going to change, like the ceiling, the floor, and making sure the wall is a nice, smooth canvas that can have something added to it. He would not suggest that they do anything as far as the project, and that Council work toward engaging the community in a dialogue related to what you want that to be. He felt all the images shared by Council Member Dennis were wonderful examples of what this area is all about. We just struggled with what does that mean in a building, so they're just making sure things can be put up on a wall. Council Member Dennis told Mr. McNamara now they kind of know, and Mr. McNamara confirmed that now they have a better idea.

Council Member Thiede told Mr. McNamara he could see them probably providing what the wall surfaces are, and then we would try to define it. Mr. McNamara stated what he sees many communities do is a Request for Proposal from the community. Council Member Thiede stated then maybe we'd have a few different people to give a theme.

Administrator Levitt stated she's struggling with the fact that this is just the lobby, and where people are going to spend most of their time are in those two other rooms. She asked if we're going to want to make the wall surfaces there something that will last over time so maybe the finish is not going to be the same Sheetrock if we're going to be something different. Council Member Thiede stated if we're going to put a mosaic on it, it could be just kind of a treated cement.

Mr. McNamara stated in the spirit of trying to get this done, he hears where they want to go with it; he didn't think they needed a decision on that to finish up their documents. He just needed to keep this conversation on the table so that we don't forget about it. Then, when we get under construction, we engage in whatever process Council wants to make sure that what's built out there supports what those final art products can be. He stated they won't put any wood on the wall; we'll make sure that we have identified areas where it can go and will continue that conversation.

Mr. McNamara noted they received feedback from Council on the bigger cost elements related to geothermal and solar. On the bird glass, Mr. McNamara stated he would maybe suggest doing that as an alternate if we're interested in figuring out what the cost would be for that.

Director Koerner stated he spoke with HERO Center Manager Dan Anselment, who informed him because it was a State-funded project, they had to use the bird glass. He said it was six bird strikes in a year; once a week, he walked around the building and had to count them.

Mayor Bailey stated he was worried Director Koerner was going to tell them it was hundreds of birds. He stated he felt that was a small number, so we don't need it.

Mr. McNamara stated they could always add it later if it became an issue. Mayor Bailey stated they could also do it as a bid alternate. Mr. McNamara stated he would only suggest with the idea of not doing the bird safe glass, that might taint something as negative.

Council Member Thiede stated he would say just don't do it, based on what we know. Mr. McNamara stated they could always add it later if it feels like it's a problem. Council Member Olsen stated let's say no.

Council Member Dennis asked Mayor Bailey what his final thoughts were on the material inside. Mayor Bailey stated he was fine with the wooden slats for the acoustics and the painting. Council Member Olsen stated that would make a huge difference in the acoustics in that area.

Mayor Bailey stated he was also fine with his idea of changing the flooring to the porcelain tile. Mr. McNamara stated with the floor, they'd come up with a layered pattern that looks like an abstract of the glacial formations. Council Member Olsen stated that would be perfect, and we'll borrow the polar bear from the North Pole restaurant; Mayor Bailey stated we don't know, maybe they'll donate that.

Mr. McNamara stated we're not done with design, so we will be back with final plans and specs. Our intent is to work with Kraus-Anderson on getting this issued by the end of October, so Council should expect to hear back from us sometime in October with final budget and final design solutions.

Mayor Bailey thanked Mr. McNamara for pulling this together and now he's got his marching orders.

3. ADJOURNMENT

The meeting adjourned at 6:50 p.m.

Minutes prepared by Judy Graf and reviewed by Tamara Anderson (City Clerk).



City Council Action Request

7B

Meeting Date	10/5/2022
Department	Administration
Agenda Category	Consent Agenda
Title	City Council Meeting Minutes - September 7, 2022 (Regular Meeting)
Staff Recommendation	Approve September 7, 2022, Regular Meeting Minutes.
Budget Implication	N/A
Attachments	2022-09-07 Minutes (Regular Meeting).tif 210.8MB

MINUTES

COTTAGE GROVE CITY COUNCIL

COUNCIL CHAMBER
12800 RAVINE PARKWAY SOUTH

September 7, 2022

REGULAR MEETING - 7:00 P.M **COUNCIL CHAMBER**

1. CALL TO ORDER

The City Council of the City of Cottage Grove, Washington County, Minnesota, held a regular meeting on September 7, 2022, at Cottage Grove City Hall, 12800 Ravine Parkway. Mayor Bailey called the meeting to order at 7:00 p.m.

2. PLEDGE OF ALLEGIANCE

The audience, staff, and City Council Members stood and recited the Pledge of Allegiance.

3. ROLL CALL

City Clerk Tammy Anderson called the roll: Mayor Bailey - Here; Council Member Dennis - Here; Council Member Khambata - Here; Council Member Olsen - Here; Council Member Thiede - Here.

Also present: Jennifer Levitt, City Administrator; Korine Land, City Attorney-LeVander, Gillen & Miller, PA; Tammy Anderson, City Clerk; Ryan Burfeind, City Engineer/Public Works Director; Zac Dockter, Parks and Recreation Director; Christine Costello, Director of Community Development; Pete Koerner, Public Safety Director; Brenda Malinowski, Finance Director; Amanda Meyer, Assistant City Engineer; Mike Mroska, Senior Planner; Conner Jakes, Associate Planner; Julie Prior-Miller, Marketing and Communications Specialist.

4. OPEN FORUM

Mayor Bailey opened the Open Forum. As no one wished to address the Council, Mayor Bailey closed the Open Forum.

5. ADOPTION OF AGENDA

Council Member Dennis made a motion to adopt the agenda; second by Council Member Thiede. Motion carried: 5-0.

6. PRESENTATIONS

A. Xcel Energy update

Staff Recommendation: Receive Xcel Energy Update.

Kirstin Sersland, Xcel Energy's Community Relations Manager for the Southeast Metro, stated she began working for Xcel in March 2022; she introduced Trisha Duncan, Director of Community Relations for the State of Minnesota, who is here tonight to make sure you're receiving accurate technical information.

Manager Sersland stated she's the liaison between Xcel Energy and the 40 cities and townships in the southeast metro and Dakota County. In short, she's the face of Xcel Energy to local government, local community organizations, and residents. She's your first call for help with company projects, economic development opportunities, franchises, neighborhood-level outages, and permitting. Xcel has appreciated the relationship that we have with Cottage Grove, and she looks forward to working together in the future. She'll give an update on Xcel and what we do, and also give you some answers.

Manager Sersland noted Xcel Energy's priorities: Lead the clean energy transition, enhance the customer experience, keep bills low. She spoke further on each of those. She stated they have 1.3 million electric customers, with 99.9% electric reliability.

She also spoke of the impact of the Xcel Foundation, their charitable arm, which oversees their giving and volunteer programs in Minnesota. They give back to Cottage Grove, as our employees are committed to communities we serve. We give our time and dollars to support causes and hope to build a brighter future, specifically: Member of the Cottage Grove Chamber of Commerce, so a sponsor of the Scholarship Golf Tournament; Dodge Nature Center received a \$10,000 Foundation grant; Participation in the Strawberry Festival; and Cottage Grove businesses receive about \$24,000 annually from Xcel employees who shop, dine, and conduct everyday business here.

Manager Sersland stated Mayor Bailey had asked her to answer some questions this evening related to power outages; the questions were: What were the cause of these outages? What are we doing to fix this in the future?

She gave a quick tutorial on how electricity gets to houses and small businesses: Power Plant-Transmission Lines-Substation-Feeders-Taps-Transformers-Service Line. She stated she'd be addressing the Substation and Feeders tonight. The greater Cottage Grove area is supplied by 13,000-volt Feeders from the Cottage Grove and Chemolite Substations, which she displayed on a map. This area primarily serves residential and small commercial and some major customers. The cause of the outages earlier this summer were due to a couple of things: 1) Feeder and Feeder splice failures (the splice, the cable on the Feeders, comes in 1,000-foot rolls, and we splice those together to make it work); 2) Overloading on extremely hot days in late June, early July; the overloading was on the Transformers.

We're addressing this in three ways: 1) We'll be replacing 2,600 feet of underground feeder on 80th Street, between Hadley Avenue and Harkness Avenue. That span of cable is scheduled to be completed in the first quarter of 2023. 2) We're replacing all

three phases in the splice pits of the affected Feeders. We're going to ensure that the most recent technology and the most updated workmanship is used. That's scheduled to be completed in October 2022. 3) We're installing a new Feeder that will come out of the Chemolite Substation to the south; that will be completed in the fourth quarter of 2022.

Manager Sersland stated if that new Feeder had been in place this summer, the duration of some of those outages likely would have been shorter; the outages still would have happened, but it would have been shorter because we would have been able to reroute the load through that new Feeder. So, the more cable and more power lines that we have, the better we are to provide redundancy when those things go out. She hoped that answered the questions. She noted they'd spoken with Mayor Bailey and Council Member Dennis earlier and shared this information with them before tonight's meeting and got some direction on what you really wanted to hear. She thanked them for the opportunity to speak tonight and answer the questions.

Mayor Bailey thanked Manager Sersland for representing Xcel here tonight, as well as all of the data she provided. Council Members asked the following questions:

Council Member Thiede stated with all of the growth we're having they're adding a Feeder; he asked if those Substations had a certain capacity level where they'd be adding another Substation or if there's plenty of space to just put Feeders? He also asked if everything on both sides of Highway 61 were connected.

Manager Sersland stated she does community relations work, not technical, so she will get a more technical answer to that from her staff. It's her understanding that their Substations have the capacity to power up the entire city, and the Feeders are what take that capacity into the places that are needed. If there is a larger industrial project, we may put in a Substation directly related to that large industrial project. She thought there might be one in the works in Cottage Grove related to a specific project, but we usually only do that for extremely large customers with an extremely large need. The Feeders handle most of the residential and small business growth.

Council Member Thiede asked if the two Substations would take care of the rest of the city, to the city limits, for the next 20 years, to which Manager Sersland replied yes.

Council Member Olsen thanked Manager Sersland for being here to share all of that information. He stated he struggles with the ongoing challenge of rate increases that our customers are seeing without feeling like there's been a return on that investment to our community. We have many new developments, but also have some aging infrastructure where we've had lots of problems with Xcel outages. On some of our hottest days people have been without air conditioning because of power outages. The most recent rate increase proposal to the Public Utilities Commission was over 20% for a three-year timeframe, starting in 2022. Broken down, that's 12% in 2022, and about 5% for the next two years. He asked how much of that money would be reinvested into actual infrastructure, into ensuring that our residents don't suffer the same challenges that they're suffering now with power outages. It seems like the infrastructure that we're currently dealing with isn't keeping up with the demand, but the price keeps increasing.

He asked at what point can we start to feel confident, as a Council and as a community, that Xcel will address the infrastructure issue.

Manager Sersland thanked him for that great question. This presentation addresses the new Feeder that we're building, the new lines that we're putting in, the 2,600 feet of replacement. We are making consistent investments. We run reports on Feeders that have four or more failures in a year; those are red flagged, and those are constantly reviewed and evaluated for need and priority, so we have that information. Energy is getting more expensive; that's just a fact. It's getting more expensive for us to produce it, and it's getting more expensive for us to move it, especially the gas. She can't answer when you will feel like you're getting the return on your investment, as that's a little subjective. Just know that we take our commitment to Cottage Grove and the cities very seriously.

Council Member Olsen stated with the electrical rate increases, our homeowners' challenge is we really don't have any options; if we're unhappy with Xcel Energy, we can't just choose another energy provider. We're being held hostage to those rate increases, so he felt the expectation of service had to be equal to that. The residents who are experiencing these failures are experiencing them several times throughout the course of a year. We understand storms happen, weather happens, and traffic accidents can cause power outages, but these are intermittent outages not caused by anything specific.

Council Member Khambata stated it was Xcel's goal to transition to more renewable energy sources in the coming 20, 30 years. He asked Manager Sersland if she saw that as a strategic advantage in terms of controlling those rising costs by having more of a control factor on supply, in terms of where that energy is coming from.

Manager Sersland replied yes; adding more wind and solar energy to the grid generates electricity at a less-expensive rate, so we see that as strategic.

Council Member Khambata asked if they anticipate more stabilization in the rates as they transition to more sustainable energy sources or inhouse energy sources so they're not buying from a third party. Moving forward, will there still be rate increases because that will fuel more growth in sustainable energy? Will this be a feedback loop, where the more you lean into the renewable sources, the more we're going to see similar types of rate increases? Do you see more predictable rate increases as we have a larger percentage of renewable sources?

Manager Sersland replied for someone who's only been with Xcel for about six-to-seven months, she's going to punt on those questions, but will get back to them with more substantial information.

Council Member Dennis stated he attended the meeting with them last week; he appreciated everyone who was there being very transparent in terms of sharing with them what the causes were of the various outages. Some of those were explained, when you have wires spliced together, and they're trying to do this in a very small, contained space underground, it can be rather difficult to get those to fully fuse. Sometimes when there's so much of a draw, extra heat is produced, and you end up having those splices come apart. He thought that was really beneficial information for

him, and to be able to share that with the community is a good thing. He feels the addition of the Feeder line will be very positive. We had talked a little bit about redundancy and what could be done to help build processes into the system so that we don't see these types of things going on quite as often in the future. He noted Public Works Director/City Engineer Ryan Burfeind also attended that meeting, and he believed that his questions were also satisfactorily answered. Council Member Dennis appreciated the time they all spent on this, and thanked Mayor Bailey for reaching out to Xcel and putting this together. We've never had something like this happen before, so it's good to let people know; we appreciate Xcel's commitment, and of course we want to see good value and good service to our community.

Mayor Bailey asked Manager Sersland in the future to make sure that she reaches out to both Director Burfeind and to him. Last week, she'd mentioned some communication options to him in an email; there are a couple ways for citizens to report outages or understand how long it's going to take to get power restored. He asked her to speak about that.

Manager Sersland stated Xcel Energy has an app that is connected to your account; that app is your first call for help when you need to report an outage. It has an outage map on it, and it will show you where the outage is, expected duration, and oftentimes it will show you the cause. Sometimes, if the outage is new, it won't show you right away, but if you keep looking at, maybe every 20, 30 minutes, it should show you how long the duration will be and what the cause is. So, the first call for help should be our Xcel Energy app, which is very handy.

Mayor Bailey stated she'd also provided a contact for claims, business or residential. There's a process to follow, so if somebody wants to know what they can or cannot claim, he asked her to explain that.

Manager Sersland stated there's a claims process if the outage was sustained and you'd suffered a loss because of that sustained outage. Their website has a claims area where you can file a claim; it's similar to an insurance claim. Our team will take a look at it; they'll look at what caused the outage and whether or not that loss qualifies. Again, there are no promises, but it's certainly an avenue if there has been a substantial loss due to a power outage.

Mayor Bailey stated the other day a gentleman who lives in the 8400 block of Homestead, south of 80th Street, was affected by the outage. He'd noted whenever these outages happened, even the big ones we had, typically he'd witnessed an Xcel Energy person use a long pole, flip the breaker on the big pole, put it back in, and all the power returned. The gentleman stated they seemed to be the last to get the power on, but they think it's as simple as flipping this breaker or whatever that is up on the top. He asked: 1) If there's a process that takes place from when the outage happens to where maybe they're at the end of a run and the breakers have to be flipped to reset things; 2) If somebody has questions like that, who do they contact?

Manager Sersland replied she didn't know about the process; she's sure they have one, she doesn't know what it is, but she'll find that out. Residents are more than welcome to reach out to her, as she's the Community Relations Manager, so if Mayor

Bailey wanted to pass along her email address, that would be very appropriate. She can direct them to the right person or get them the answers.

Council Member Dennis asked if the app was available through Google or Apple; Manager Sersland replied yes. Council Member Dennis stated they could order that right on their phone and have it. He felt perhaps the staff could put something on our Facebook Page or on the City website just to make sure we've got that information for the public, too.

Mayor Bailey stated that as Manager Sersland is very keenly aware, there was a lot of angst in the community regarding what was causing these outages, why some of them were so sustained, and what's being done to stop them in the future. He believed from what we heard last week and what she shared tonight that these issues, weather issues aside, should be resolved. They've worked very quickly to resolve those issues, and he again thanked Manager Sersland for being here tonight.

B. Recognition to Community Service Leaders in Cottage Grove

Mayor Bailey stated Julie Prior-Miller, Communications and Marketing Specialist, will be speaking about this, and asked that the Council join her in front of the dais.

Specialist Prior-Miller stated it was her pleasure to introduce tonight two leaders in our Cottage Grove community, Sue McKeown and Cheryl Jogger. Cheryl is the founder of SoWashCo CARES, and Sue McKeown works as a Youth Programs Manager for South Washington County Schools Community Education. We're recognizing them both tonight because of their dedication and commitment to our students and families in Cottage Grove. Not only have students, families, and residents benefited from their tireless effort, dedication, and passion they have for reaching the communities within the South Washington County School District, but we as a City have also benefited.

One of our four Strategic Objectives is Engaging with the Community. Every week this summer, from June to August, we benefited by engaging community in different ways, simply through their efforts with schooling. There's a South Washington County school bus that goes out into Cottage Grove, Woodbury, Newport, and St. Paul Park every week throughout the summer; every week staff members did our best to be there, either from Police, Fire, Parks and Recreation, or other divisions of our City. We were able to engage with people, provide games, talk, and get their feedback on really important issues that we have going on here in the City. All of us in the community have benefited, students and families the most, through their dedication/commitment.

Specialist Prior-Miller stated she's had the pleasure of volunteering with both of these women, so she knows that they are truly committed to serving the youth and families in the School District. That might be by providing a little free library, fresh produce, free food, engaging everyone. They deserve to be recognized because they've done this work for years. She and Mayor Bailey asked Sue and Cheryl to stand and come forward; Mayor Bailey asked everyone to give them a round of applause.

Mayor Bailey congratulated each of them and noted each of them would receive a plaque, which he read aloud. He stated every year Cottage Grove gives a Volunteer of the Year Award, group volunteer awards, etc. Sometimes we learn that there are people who weren't nominated; we really think it's important to make sure they know how much we appreciate all of the work that they do to make this community an amazing place. Our School District Superintendent is here taking photos because obviously the City and the School District both have a great partnership with these two women.

Mayor Bailey stated on behalf of himself, the Council, and all of the citizens of Cottage Grove, thank you for all of the work that you do to make this such an amazing community and a great School District. Everyone applauded Sue and Cheryl.

Specialist Prior-Miller stated before concluding tonight, she'd display for the audience here and at home some photos of the really great work Sue and Cheryl do, including:

- Packing food boxes for students over holiday breaks, so they are not left without food because we know that a child who is fed is the best learner. The Cottage Grove Police helped deliver the food boxes.
- Routinely attending events to which they're invited: A new resident event, a high school event, or a specific school event; helping with Community Ed and SoWashCo CARES.
- Attended the Strawberry Fest this year, helped out our SWAT Team with some demonstrations.
- Helped with the fresh produce distributions.
- Fairytale Fashion for Food where they distributed donated prom dresses at a discounted price; that money, in turn, goes to help buy those winter food items for the holiday break food boxes.

Many, many more things are done by them, these are just a sampling. Specialist Prior-Miller felt it important to note that SoWashCo CARES was an idea Cheryl had years ago, it was just a seedling, but now it's blossomed into the South Washington County Education Foundation. Her idea has grown into so much and helped so many people, and it's now the education foundation for the School District. She stated she's very pleased and excited to have both Cheryl and Sue here tonight for this recognition. Everyone applauded, they were both congratulated by all of the City Council Members, and photographs were taken.

C. Girl Scout Gold Award - Greta Engelstad, Troop 53772

Mayor Bailey invited Greta Engelstad, Troop 53772, recipient of the Girl Scout Gold Award, to step forward in front of the dais with the Council Members. He stated one of the things he enjoys as Mayor of Cottage Grove is giving out these awards. The City of Cottage Grove has a recognition area in City Hall where all Boy Scout Eagle Scout Award winners and Girl Scout Gold Award winners have their names displayed. These awards really show true leadership in the community, as it takes a lot to get to these levels. He told Greta that once he read her plaque aloud, he'd ask her to tell us about what she did to get the Girl Scout Gold Award.

Mayor Bailey read aloud the plaque presented to Greta Engelstad, Troop 53772. On behalf of himself and all the citizens of Cottage Grove, Mayor Bailey thanked her for her service and congratulated her on receiving the Gold Award. Everyone applauded, and Mayor Bailey handed Greta the microphone.

Greta stated her Gold Award project focused on pollinators in a couple of different settings. She did quite a bit of education in kids' clubs, at the end of the summer with the summer daycare program; they did some skits and songs. She got to teach not only about bees as pollinators, but also talked about all other pollinators, our native bees and why they're important. While some of them live in beehives, it's also important to leave your gardens untouched in the spring so the pollinators have places to live there and underground; those include insects, butterflies, bats, etc. Beyond education, she also worked with Basic Needs and their new community garden in Newport. We made some raised garden beds, accessible to those in wheelchairs and/or walkers so they could also partake in the community garden. We made a memory game to help people remember the different pollinators we talked about. We did lots of education, some cross-generational things when working with the garden, getting lots of people to help build the raised garden beds. We also did some outreach, including Facebook and YouTube videos, to be able to spread that knowledge even further, beyond the community.

Mayor Bailey stated that was fantastic, stated some award winners work on only one thing, unlike Greta, who did several things. We appreciate that, as not too long ago, we met about a new fairly sustainable building in Cottage Grove, in Glacial Valley Park; pollinators were things that were talked about at that time.

Photographs were taken and Greta was once again applauded for her work and congratulated by all of the City Council Members.

7. CONSENT AGENDA

- A. Approve July 27, 2022, City Council Special Meeting minutes.
- B. Approve August 3, 2022 City Council Regular Meeting minutes.
- C. Approve August 10, 2022 City Council Special Meeting minutes.
- D. Approve August 17, 2022 City Council Regular Meeting minutes.
- E. Accept and place on file the minutes from the July 25, 2022 Planning Commission meeting.
- F. Adopt Resolution 2022-120 awarding the Central Fire Station Garage Floor Sealing Project to GFC Industrial Coatings in the amount of \$67,260.15.
- G. Adopt Resolution 2022-121 amending the Personnel Policy.
- H. Adopt Resolution 2022-118 awarding the 2022 Stormwater Pond Maintenance Project to Dynamic Earth & Civil, LLC, in the amount of \$54,294.60.
- I. 1) Authorize executing an agreement with LifeQuest to provide EMS billing services. 2) Authorize executing an amendment to the agreement with Expert T Billing for cancellation of billing services.

- J. Approve Change Order #1 in the amount of \$46,144.14 for the Goodview Avenue Water Main Extension project.
- K. Adopt Resolution 2022-117 approving the site plan for the Glacial Valley Park Building located at 9900 Ravine Parkway South.
- L. Approve Resolution 2022-19 requesting the conveyance of tax-forfeited property for public purpose.
- M. Authorize Public Works to advertise and sell surplus property on Cranky Ape.
- N. Approve the issuance of rental licenses to the properties listed in the attached table.
- O. Approve the amended easement agreements with Joseph Zywiec and Nora Scribner and Zywiec Family Trust, subject to minor modifications by the City Attorney.
- P. Authorize the use of the City's 5 SAC credits to be provided to the Pizza Ranch project located at 7855 Harkness Avenue South.

None of the Council Members wished to pull any items for further comment and/or discussion.

Motion by Council Member Olsen to approve the Consent Agenda; second by Council Member Thiede. Motion carried: 5-0.

8. APPROVE DISBURSEMENTS

- A. Approve payments for the period of 8/12/2022-9/01/2022 in the amount of \$4,693,793.78.

Motion by Council Member Dennis to approve disbursements; second by Council Member Khambata. Motion carried: 5-0.

9. PUBLIC HEARINGS

- A. Special Event Permit – Zywiecs Landscape & Garden Center
Staff Recommendation: Authorize issuance of a Special Event Permit to Zywiecs Landscape & Garden Center, contingent upon conditions outlined in the memo from Public Safety Director Koerner dated September 2, 2022, and all applicable State and Local Statutes.

Public Safety Director Pete Koerner stated the Special Event Permit tonight is "The Haunting Experience" at Zywiecs. Their web page explains the event; many of us have previously attended their haunted house. They also have a haunted hayride, food events, some music, etc. Many things have not changed, but we'll review the specifics.

Notices of this Public Hearing were sent out, and City Clerk Anderson received one email, which was shared with Council.

There are multiple days for this event, as listed in the memo provided to Council: It begins on Saturday, September 24, and will end on Monday, October 31. The event is open on weekends until 11:00 p.m., other nights they're open until 10:00 p.m.

Director Koerner further reviewed: Calls for Service: This event is safe and well attended; last year we didn't have many calls: A couple medical emergencies, a minor incident in the parking lot where someone had hit another person, a 911 hang-up, and a parking complaint. Emergency Preparedness Plan: With all of these special events, we work with the applicant on an Emergency Preparedness Plan. We make sure that they do a safety briefing every shift, and we've actually added some codes to those, which has been well received by their staff to ensure it's a safe event. Food Sales: They're looking at Mobile Food Units, which they've had for years, but with the change in City Ordinance, they'll have two units there this year. They'll get those approved at the next Council Meeting. Alcohol Sales: The applicant has not made an application, but he's looking at Spiral Brewing; obviously, there are some things they would need with a catering license if they're going to do that. Years ago, they'd used our local Lions Club, but that's no longer the case. Noise: Was one of the comments received; we allow amplified music and sounds, and we asked that that end at 10:00 p.m. to follow the City Ordinance. Director Koerner will also follow up with the person who'd reached out and make sure the applicant is aware. Bonfire: Our Fire Marshal goes out and makes sure they have a water supply, it's not located by buildings, etc. Security: Years ago, security was provided, but it was kind of a moot point as it's a family event, without many issues; if the applicant wants us there, we'll certainly help with that. Parking: We don't want any parking backups on Highway 61, across the street on Kingsborough, or even at the golf course; we don't want anyone to cross the highway on foot. Years ago there was a significant accident near there, with changes to the road design since, but if things start to back up, we'll get them on the property. We haven't had many issues with that, but we're prepared for that.

Director Koerner stated we need to hold a public hearing tonight. He asked Mayor Bailey if he wanted to address the comments that were received.

Mayor Bailey stated we'd received an email from Morgan Jenkins, 10920 Kingsborough Court. His concerns were that any music be subject to volume control after a reasonable time of night; Director Koerner mentioned that was 10:00 p.m. He had the same concerns with cannons or loud effects, as they'd previously experienced loud cannon noises late at night. Mayor Bailey stated he wasn't sure what that was. Mr. Jenkins had noted that parking can be full at times and can create some dangerous traffic concerns on Highway 61. Mayor Bailey stated it sounds like Director Koerner is addressing that issue. Mr. Jenkins had emailed us that information and asked that it be put into the record.

Mayor Bailey opened the public hearing. As no one wished to address the Council on this matter, Mayor Bailey closed the public hearing.

Motion by Council Member Thiede to authorize issuance of a Special Event Permit to Zywiecs Landscape & Garden Center, contingent upon conditions outlined in the memo from Public Safety Director Koerner and Community Development Director Costello dated September 2, 2022, and all applicable State and Local Statutes; second by Council Member Olsen. Motion carried: 5-0.

10. BID AWARDS - None.

11. REGULAR AGENDA

- A. Thai Garden - Planned Unit Development and Site Plan Review
Staff Recommendation: Adopt Resolution 2022-116 approving a Planned Unit Development and Site Plan Review for the proposed Thai Garden restaurant to be located at 7470 East Point Douglas Road South.

Mike Mroska, Senior Planner, stated the application in front of us tonight is the Thai Garden Planned Unit Development (PUD), Site Plan Review. The proposed restaurant is located at 7470 East Point Douglas Road South. The original use of the site was a gas station that operated until approximately 1989, then it was converted into the Village Transmission Shop, which operated until about Fall 2018. In 2019, the EDA purchased the land and prepared it for redevelopment. The site is currently vacant. The subject property is guided Commercial in the Land Use Plan and is zoned Retail Business District, B-2; restaurants are a permitted use in this district.

The Applicant has requested a PUD for flexibility due to the zoning regulations and the size of the parcel. The proposed restaurant is 2,855 square-feet with 92 seats total: 64 interior seats and 28 exterior seats on the patio. The Site Plan submitted has access located off East Point Douglas Road South.

Setbacks: The Applicant requested flexibility for setbacks. Specifically, the rear yard, adjacent residential in the B-2 District requires a 75-foot setback; the proposed setback is 54.7 feet. The patio setback for the B-2 District is 30 feet, and this is 24 feet from the front-yard property line. He indicated on a sketch where the front yard patio was located. Privacy Fence: In response to the flexibility on the PUD, the Applicant will be constructing and replacing the existing privacy fence located on the northeast section of the property. The proposed privacy fence will be six-feet tall and will be low maintenance; this will help reduce any kind of impacts on the adjacent neighbors from vehicle headlights entering the lot. Odor Suppression: The Applicant will also be installing odor suppression to reduce any potential odor impacts from the proposed restaurant use. Lighting: We're also requiring a lighting shield on the lights adjacent to the residential properties to avoid spillover onto those properties. Proposed Parking: Actually exceeds Code requirements with 27 stalls, only 22 are required. Four stalls are compact, 16-feet long by 9-feet wide, just two feet short of ordinance requirements; those stalls are utilized for staff parking, located at the rear of the building, adjacent to the trash enclosure. Landscaping Plan: Meets Code requirements; the Applicant is proposing additional plantings along the rear property line, adjacent to the residential

properties. There are also some plantings along the proposed dry retention pond, along the building, and along East Point Douglas Road. Architecture: City Code requires 65% Class I materials; this proposed building is 90% Class I materials, utilizing brick, glass, and stucco.

Planner Mroska stated no one spoke at the Planning Commission's public hearing. He and Conner Jakes, Associate Planner, had visited the neighbors adjacent to the property, and none of the residents expressed any concerns and were actually supportive of the project; they were happy to know the fence would be replaced and the additional steps requested through the PUD process. He noted the Applicant is present tonight for any questions.

Melvin Galloway, the owner and operator of Integrity Building, LLC, stated he'll be the contractor building the Thai Garden. His plan proposes to bring healthy eating and living to the Cottage Grove neighborhood. As Planner Mroska stated, we'll put a building on that vacant lot and bring some revenue into Cottage Grove.

Mayor Bailey stated they appreciated that, and asked Mr. Galloway if they'd begin construction this year or next spring. Mr. Galloway stated once this is approved, they hope to begin underground work before the ground freezes, then get the building up, and work on the interior structure during the winter. They hope to finish the project in about eight months, so will probably start in November and finish sometime in June.

Mayor Bailey stated he was excited to see this family bring their business to Cottage Grove for our residents.

Motion by Council Member Khambata to Adopt Resolution 2022-116 approving a Planned Unit Development and Site Plan Review for the proposed Thai Garden restaurant to be located at 7470 East Point Douglas Road South; second by Council Member Dennis. Motion carried: 5-0.

B. Certifying Preliminary Property Tax Levy

Staff Recommendation: Adopt Resolution 2022-122 certifying the preliminary 2022 Property Tax Levy collectible in 2023.

Brenda Malinowski, Finance Director, stated tonight she'd do a presentation on the 2023 preliminary levy proposal. She reviewed the process to date: In April, Council worked on both a staffing plan and the Strategic Plan, and both of those plans have been incorporated during this budget process. Work began on the levy and budget in May, with Council guidance. Throughout the summer we held budget workshops; department heads worked on their budgets and presented those to the Council. Tonight, we're asking for adoption of the preliminary levy; that levy will be sent to Washington County, and they'll use it to send out Truth in Taxation Notices to our taxpayers. In December, we'll be here again to adopt the final budget and the final levy. It's important to note that the final levy cannot be more than the preliminary levy that is adopted tonight, but it can be less.

The Property Tax Levy in front of Council is \$20,649,710; that is an increase of 12.6%. Last year, we had a 4.3% increase in the levy. About 85% of the \$20,649,710 is for our General Fund operating expense, and about 15% is for our Debt Service payments: That will pay for such things as our Pavement Management Project Debts, Ice Arena Debt, Central Fire Station Debt, and some of the other debt levies. Less than 1% is for the EDA for our economic development activities.

The Property Tax Levy is divided by our Total Tax Capacity to determine the City Tax Rate. The City has seen a significant increase in our Tax Capacity: We're at \$58.3 million, a 25% increase compared to 2022; last year, we had a 6% increase in the Tax Capacity. Of that 25% increase, about 4% of it is for new construction, so that's had a positive impact for the City, and the remaining percentage is on existing properties.

Our Tax Levy divided by our Tax Capacity is having a positive impact on our City Tax Rate. In 2022, our Tax Rate was 37.15, and that is dropping by 3.5%, down to 33.65.

What does that mean? Over the last couple of years, we've looked at four selected residential homesteaded properties in the City. She spoke specifically about Property 1: In 2021, they paid \$1,011 in City taxes; with this proposed levy, they would pay \$1,084, so about a \$36 increase per year. That property has had an increase in market value of approximately 5.3% over nine years, but their City tax change has only been 2.9%, or \$27 per year. Sometimes the dollar change increases, sometimes it decreases, depending on where we're holding the levy. Director Malinowski stated that rings true for all four properties: Their market value increase is between 5% to 6.5%, but their change in City property taxes is between 2.5% and 4%, so it's consistently less than the market value change.

Regarding the levy, the General Fund is 85% of our levy. She delved in a bit deeper on the General Fund: It's a balanced budget with tonight's proposed levy, it's \$23,083,960; revenues equal our expenditures. The General Fund is our operating levy in the City, so it provides such things as police and fire services, snowplowing streets, and parks maintenance. We don't charge for performing those services.

Revenue - We need to generate revenue, which is done through property taxes; so, it's 76% of our budget in the General Fund. Our next biggest percentage of the revenue pie is licenses and permits; since we're a growing community, we have 11% license and permit revenues, which is nice and healthy. If that building activity declines, then we'd either need to find other revenue streams, increase property taxes, or decrease expenditures.

Expenditures- We speak about the city being in the people business, so that's a big portion of our budget, 68%, supplies are at 6%, contractual services, 22%, and capital at 2%. Looking back at 2022, it's important to note personnel was 70% last year. We're experiencing in our budget here the same things we're seeing at home: Increased fuel costs, increased supply costs, increased capital costs. So, our supplies last year were 5% of the budget, they've increased to 6%. The same with capital, that was 1% last year and because of our squad increases, that has increased to 2%.

Expenditures by Department: Public Safety: The largest portion of our budget at 48%; a decrease of 1% when compared to 2022. Public Works: We have a new position there to provide the same level of service that we've previously provided to our community.

What City Taxes Pay- A medium-value property, \$329,800, value increased by 20.4% over 2022. Based upon this preliminary levy, they will pay \$1,084, which is a monthly cost of \$90.33 compared to \$81.08 last year. If they would write a check to us per month for \$90.33, \$37.92 would be for Police services, \$15 would be for Public Works services, \$13.29 is for Debt Service, etc.

Next Steps - Director Malinowski stated tonight we're asking Council to adopt a resolution to certify the preliminary levy, collectible in 2023. We will send that to Washington County by September 30. Washington County will use that information to send Truth in Taxation Notices to our taxpayers, which they will receive by mid-November.

It's important to note that there will be a Budget Summary, which is a new State requirement, with those Truth in Taxation Notices this year. It will be a one-page notice that will include information about our levy and our budget, the School District levy and budget, and then Washington County's levy and budget. That will all be on one sheet of paper. In anticipation that that might generate further questions when it's received by the taxpayers, Council and staff will be doing some further outreach in November. We'll have an open house on the levy and budget on November 29, and we'll be back in front of the Council on December 7 to adopt the final budget and levy.

Director Malinowski stated she'd take any questions.

Mayor Bailey thanked Director Malinowski for her presentation. He stated we've spent a lot of time on this, and we've all been witnessing the inflationary factors on some of the supplies that we're purchasing, which is quite challenging. He appreciated our staff really tightening up their bootstraps, making sure that we come in with a really good budget. He also thanked the Council for hashing all of this out over many nights, going through the budget line by line.

Mayor Bailey asked if anybody in the audience wanted to make a comment or ask questions: Sue Wagner, who lives on 72nd Street, asked who they should contact if they have any questions or concerns about their tax bills.

Mayor Bailey replied it would be Director Malinowski; Director Malinowski told Ms. Wagner she would give her a City business card, containing her contact information.

Council Member Olsen thanked Director Malinowski and the entire City team for all of the work that went into preparing the budget this year. It was a very robust and detailed process, and he felt very good about where we landed. Everybody did their homework, and it ended in what he believed was a very strong budget.

Our City Tax Rate continues to drop. Even with this year's budget, when you take the levy increase versus the increase in valuation of properties in this City, the gap is such that the taxpayer wins again in the City of Cottage Grove. For less than \$91 a

month, they receive all of the amazing services that our staff works very diligently to provide. He asked Director Malinowski to speak about the Tax Rate and where that comes from; the shocking number is that this is the lowest Tax Rate that our taxpayers in Cottage Grove have been able to enjoy in about 12 years or so.

Director Malinowski stated because of our growth, our Tax Rate continues to fall. Also because of valuation increases, especially on our residential properties, those showed that decrease. What we have to look at is our tax per capita; when we look at that, compared to surrounding communities, especially in Washington County, we are either the second or third lowest in levy per capita. So, we really do provide a service to our residents; that Tax Rate is decreasing, but it's also important to look at our property tax levy per capita.

Council Member Olsen stated regarding the tax per capita, after our auditors do their financial report every year, it consistently bears out that the taxpayer in the City of Cottage Grove receives tremendous value for what they pay in property taxes. When we look at Washington County as a whole, the City of Cottage Grove is always in the bottom two-or-three cities in the entire County, which includes cities of all sizes, with what is paid for what you receive.

Council Member Olsen noted the City of Cottage Grove does not receive a dime in Local Government Aid (LGA) from the State of Minnesota. It's worth noting that when looking at surrounding communities, one of the things that they can count on is LGA that comes from the State to help them pay for the same things we have to pay for. He noted specific cities and quoted amounts they will be receiving in LGA in 2023. We don't receive \$1 in LGA, and yet we manage to maintain a Tax per Capita and a Tax Rate that is lower than all of those communities. Again, he offered his deepest gratitude to the City staff for the work that they do to make that happen; it's absolutely tremendous work and he's grateful as a taxpayer and as a City Council Member. He's lived in this community a long time, and he's also grateful for the level of service that we receive for those dollars from Public Safety, Public Works, Parks and Recreation, etc., all of which is part of this budget.

Council Member Thiede stated most people know that his dad raised him to be pretty darn squeaky when it comes to money; his fellow Council Members especially know that. When he initially looked at the budget, he thought no way, I don't want it to be that high. But after attending all of the budget meetings, receiving all of the information, and evaluating things, he realized Washington County had decided that the value of our homes probably increased significantly, over 20%. So, in terms of the amount the levy is increasing, it actually compares very favorably to other neighboring cities in Washington County regarding taxes. He'd of course like to keep any increases at zero, but with prices increasing and all of the facts received, we're doing quite well. With all the work that our staff does, we're gaining necessary people, who do a fantastic job; he offered kudos to the staff for looking at all of the different possibilities, to make sure that the citizens of our City get great services and value for their money.

Council Member Dennis referenced an email sent to the Council earlier today by Director Malinowski; it was regarding fiscal disparities. One of the statements provided

was for 2023, we have not been impacted as much as some communities due to our faster-than-average population growth. Generally, a city with faster-than-average population growth will benefit via the fiscal disparities formula, while cities with a slower-than-average or declining population, will generally experience declines in distribution. He stated Director Malinowski further noted in comparison to another community in Washington County that would have a very similar tax levy increase, that because of their population and growth factors they're ending up paying a decent amount more per property than what we pay here. He appreciated receiving that information.

He also mentioned, in agreement with his Council colleagues, that we go through this very in-depth process, and look at it through the critical eye of an owner. A business owner, for example, who understands that if you're spending more out the back door than you're taking in the front door, you've got a problem. One of things he thinks we've done really well is handling how we run the fiscal aspects of the business here for everybody to the very best that we possibly can.

Council Member Dennis stated when you take a look at how we operate as a City, we have a very robust and successful economic development initiative and push here. This is one of the key factors that adds to the fact that we're doing better than many other communities in that regard. If there are a few people holding a very heavy object, if we invite a couple more people to come and help hold that weight, all of a sudden the back and the shoulders don't feel quite as bad. He thinks we've been successful, not just with the management process but also in terms of how we grow the business through the top end; in his opinion, that's making a good difference here.

Council Member Khambata stated as the newest member of the Council, this was his first time experiencing the full depth of the budget process. He was especially impressed with the amount of due diligence that every department head brought to the discussion; they prioritized expenditures, monitored a plan, and highlighted future expenditures so we could budget accordingly for them. He credits them with our current financial position, and gave them all of the credit for why we've been able to maintain our fiscal position.

Motion by Council Member Olsen to Adopt Resolution 2022-122 certifying the preliminary 2022 Property Tax Levy collectible in 2023; second by Council Member Khambata. Motion carried: 5-0.

12. COUNCIL COMMENTS AND REQUESTS

Council Member Khambata thanked staff again for all of their hard work.

Council Member Dennis stated he and Mayor Bailey did a Facebook Live program last night on economic development. He certainly appreciated working with Mayor Bailey on that, noted it's the third one that they've done. He thought many viewers also enjoyed it. Facebook currently shows that there were 4,400 views from people who wanted to find out what was happening in Cottage Grove. It's a very exciting time, there's a lot of good opportunity, and more things are going to be coming here this year.

Council Member Thiede reminded everybody that the kids are back in school. He asked that we all make sure to keep watching for them and drive safely, and just be good stewards on the road.

Council Member Olsen stated earlier tonight we had the opportunity to recognize some community partners who have done some amazing things in our City and the surrounding in South Washington County. SoWashCo CARES is a tremendous organization with all sorts of different elements that help not just the kids, but also the families of the kids in South Washington County. The Cottage Grove Lions partners with SoWashCo CARES and South Washington County Schools by helping with things like the Skoolie events, etc. He asked all people watching from home, or who are familiar with SoWashCo CARES, to follow SoWashCo CARES on their social media, particularly their Facebook page. If you can't, you can certainly reach out and talk to Cheryl herself about these things. They're consistently putting needs on their Facebook page for things that they encounter in real time; for example, if a student comes to school without a heavy coat in the wintertime, or doesn't have boots, a hat, or gloves, they will put information on their Facebook page, stating we have a need. They won't be any more specific than they need to be, and they'll ask if anybody in the community can step up to help. Sometimes a student doesn't have transportation to school, so maybe they need a bike; if you've got a bike in your garage that is still in reasonably good condition and you want to donate that, you can. SoWashCo CARES is also a nonprofit, so there are tax benefits to that. They really do some amazing things, and it's important that we all recognize that as a community we serve each other. We are one community, and Cheryl and her team have really brought that to light through what they do with SoWashCo CARES. There are consistently things with respect to somebody who's not getting enough food, etc. If you're looking for a place where you can help, contact SoWashCo CARES on their Facebook page or contact Cheryl directly if you want to get involved. They do great work, and our Lions Club is really proud to partner with them on many of their projects.

Council Member Olsen noted Council Member Thiede's comments about the kids being back in school; he thanked all teachers, paraprofessionals, custodians, lunchroom workers, and anybody else who's helping to educate our kids in South Washington County, across the state, and across the nation. It's not an easy job, and it's important they know how appreciated they are. As the kids return this year, all those awaiting their return are dedicated to giving them the very best possible educational and social experience they can give. We're all grateful for the important work that they do.

Council Member Thiede stated that even though our Strawberry Fest is done, in a few months we'll actually be starting to plan for 2023. We also have the Monster Bash, our Halloween parade, to plan at the end of October. A couple of our longtime committee volunteers have decided to retire, one of whom deals with all of the food vendors. So, we really can use some additional help on the committee. Now's a perfect time to get involved, see what it's all about, and help out. It's a fantastic festival every year. Our

next meeting is on September 19 at 6:00 p.m., so contact Council Member Thiede if you'd like to help. He will take your name and put it on the distribution list for the planning. Tell all your friends and shout it to the world.

Council Member Olsen stated Mayor Bailey and he have both been part of that, and it's really fun; he also encouraged people to help out and get involved.

Mayor Bailey stated at our August 31 City Council Meeting, we had a closed session where we reviewed some information from a group, Ethical Leaders in Action, who presented a report to us. It was something that we'd requested for our City Administrator's performance review, to talk with our staff about their goals and objectives within the City. We received that information, which is why that was a closed session. He thanked City Administrator Levitt for getting that done in August.

Mayor Bailey noted as Council Member Dennis had mentioned, we held a Facebook Live event. One of the passions of the Council is providing great opportunities for our residents in Cottage Grove via new business opportunities, jobs, restaurants, parks, open space, etc. Some things are challenging to other cities right now, such as new businesses, housing starts, or restaurants, but we're not seeing a slowdown, specifically in our Business Park. Things might take a bit longer due to supply shortages, but otherwise things are good. There are a few things that we can't share with the public yet, but there are some great things we're looking forward to sharing with the public within the next month to six months or so. We'll have to have another Facebook Live event to share and make that happen.

Mayor Bailey mentioned he will not be here for the next City Council Meeting, on September 21. Mayor Pro Tem/Council Member Dennis will be covering that meeting for him. He will be joining Director Burfeind on a trip to Washington, D.C. to talk to our legislative contingents, as well as others there, about some funding opportunities for some road projects in Cottage Grove. One is 80th Street, which is already in a Bill for some financial assistance from the Federal government. We'll be there discussing that and hopefully getting that through to the end so that we can move forward on that. The other one is what would be a future extension of 100th Street, from Jamaica to Highway 61, with all the new development that's happening with NorthPoint and Renewal by Andersen, etc. He will be gone for part of that week; he hopes to be able to provide feedback to the public and the Council once he returns.

Mayor Bailey stated the next item is a workshop, open to the public, on the East Point Douglas Road & Jamaica Avenue Improvements Project. Our citizens have been telling us that they want that area fixed from a traffic congestion standpoint. We'll be holding that workshop in the Training Room.

Once we're done with that, we'll have another workshop session that is closed to the public, pursuant to Minnesota Statute 13D.05, Subd. 3(b), attorney-client privilege, to discuss acquisition risks and anticipated eminent domain litigation for the East Point Douglas Road & Jamaica Avenue Improvements Project. We will adjourn tonight's meeting from there.

13. WORKSHOPS - OPEN TO PUBLIC - Training Room

- A. East Point Douglas Road & Jamaica Avenue Improvement Project
Staff Recommendation: Review the East Point Douglas Road & Jamaica Avenue Improvements Project, including the following items: Project layout, design status, construction staging options, construction schedule, and project financing.

Director Burfeind stated this is a very important project, so he'd update the Council on this and take direction from the Council moving forward; key points to discuss tonight are the schedule, the cost, and concerns we have about that. Potential legal costs associated with anticipated eminent domain litigation will be discussed in tonight's closed workshop.

He introduced the project team:

- City Staff: He and Assistant City Engineer Amanda Meyer
- Bolton & Menk staff, our engineering consultants
- Sonya Henning, Right-of-Way Specialist, as with a project of this scope, we need easements from 14 businesses. This is what she does, she's very good at working with businesses and property owners on easement acquisition.
- Peter Mikhail, from our City Attorney's Office, as he specializes in construction projects and working through easement acquisitions, etc.
- Jason Messner, Appraiser, who will be doing appraisals for the city.

Director Burfeind stated there's been a lot of work going on to get to this point. We have a layout that we know is something that will work, it will achieve our goals, addressing traffic issues now and into the future. We know what it will take to build it, we know what easements it will take to build it, and we'll meet State and City standards with this layout. We now have a full picture of the costs, construction, and easement acquisition. Business engagement has been a big part of this process.

At budget discussions, we knew what our construction costs would be, but there's a big range of costs for easement acquisition. We talked about a range of \$3-to-\$5 million for easement acquisition. We're working with our businesses hand in hand, we talked about the project layout to see how it could be adjusted to have better outcomes for them. In April, we began detailed discussions from the engineering side on what that would look like. We have some concerns on what those costs might be based on more recent discussions on how things are going, which will be discussed during the closed session. That will also play into staging of this project and how that can impact this project.

Proposed Improvements

A picture is worth 1,000 words, but animation is priceless: it's common practice for projects at this level. Animation looks at before and after conditions and looks at different angles; we can use this to show the public as we continue with the engagement portion of how it will look once completed. Jamaica Avenue and East Point Douglas Road traffic backups are very common, especially during peak times.

We'll be expanding everything and will have dual lefts in every direction. We'll be going to a right in, right out in place of that intersection, and really making the main intersection the roundabout that's closer to Cub Foods and the strip mall. This roundabout is really one of the key features. The current signal at the intersection is simply too close to Jamaica Avenue, only 200 feet apart, and there's no way to practically time that or design that to actually work. Going to a right in, right out at this intersection and having the roundabout over there is really a key component of the project. With the dual lanes in every direction, there are still two through lanes, which is plenty of capacity, it's more than the turn lanes that we need. With that, we need easements. Right now there are very narrow Right-of-Ways, between 70 and 100 feet; typical for roadways like this is 120-to-180 feet. We are very constrained on this corridor. Adding a left-turn lane, we need Right-of-Way to do that, and we don't have the Right-of-Way to build what we need to make this area function now and into the future. We're looking ahead to 2040 as we continue to build out Cottage Grove.

A key feature of the roundabout location near Cub Foods and the strip mall is while this is a right in, right out, functionally it will be a left out. Traffic can come down and do a U-turn; that can be done quite a bit quicker than today.

Challenges

1) It's a very narrow Right-of-Way, so that's what we're up against, the biggest challenge of this project. It's too narrow and we really can't even do the bare minimum that we have to do to build this project without acquiring easements; it requires easements from the 14 property owners. We call them easements, but they are a Right-of-Way easement; it's essentially a full acquisition of that property. 2) East Point Douglas is too close to Jamaica, with only 200 feet between them. Also, the direct business access to Holiday causes exiting drivers to cut at an angle across two-or-three lanes of traffic, so everything breaks down: that's very common. 3) Easement Access: This will be discussed further in the closed session, but this high-level layout looks at all of the easements that we need: Permanent Easement; Temporary Easements to allow us to go in, change something, build something, but the City will not own it long term; Drainage and Utility Easements. It's very complicated because we lack the Right-of-Way needed.

Staging

Staging really plays into some of our potential costs, but there are things that we really look at; one goal has been to build this in one year, but it's a lot of work.

Option A: As we've gotten into the real nuts and bolts of it, Option A is to reduce it to the bare minimum; even with that, it can't be done in one construction season. We're looking at more road closures and potential higher acquisition costs; there are more construction costs with road closures, but in an area like this, they're a major impact to the traveling public. Without road closures, without having to switch traffic back and forth, there's better quality and a better end product; there won't be seams in the paving and potential joints that you'll feel driving down the road. We did 80th Street from Jamaica to Keats under a full closure, with an easy detour onto 70th Street, which gave us a good end product; however, that area only has 7,000 cars a day, so less people were impacted than this area, which has 22,000 cars a day. Road closures have fewer stages as we're not moving traffic around all the time to accommodate construction.

There's also some pretty nice median landscaping on Jamaica Avenue from the signal down to the roundabout, and we wouldn't have to impact that if we had road closures.

Option B: There are a lot of negatives with this, including longer construction and higher construction costs, by switching traffic around to allow traffic control. A positive is lower acquisition costs, as there will be less impact to the businesses; that will be discussed further in the closed session. There are more quality concerns and more driver confusion with the different stages. There wouldn't be any full road closures; there would be lane closures, maybe one lane in each direction, but you could still travel through the area to get to the businesses or get home.

Staging

Plan A: Stage 1: This was our first plan for how quickly we can build this project; at a bare minimum, it would be a full construction season into another construction season. We'd need to dig up the medians, and this is the one with road closures to get this done as fast as possible. First phase would be closing Jamaica Avenue, north of the roundabout, up to the signal. This is Stage 1A, plus or minus 2 weeks under the full closure in all these directions. Stage 1B is very similar, but we would open up the Target access, with people traversing East Point Douglas Road; while you can't get to the highway with this option, you can go north and then East Point Douglas Road is open one lane in each direction, so people can travel from either side to Jamaica Avenue. This would require a detour. Coming off the roundabout, we need to have signage for detours on Highway 61, but it would give you a more-efficient process on Jamaica Avenue and better quality. Stage 2: We'll be doing the northern section, which is a little less of an impact because traffic can go around on Inwood Avenue and 90th Street to get around this closure. It's a more efficient detour than going down to East Point Douglas Road, but it's a full closure to Jamaica, which has a lot of traffic. While drivers would detour, during peak times we'll see congestion on these roadways as people try to traverse them. As we open up north of Jamaica Avenue, there's still some additional work down on this end; even under this method, we'd still try to get things open when we could by opening up access points and getting things reopened for the businesses. Stage 3: Moving to East Point Douglas Road, so Jamaica Avenue is now open, but now there's a closure on both sides of Jamaica Avenue for about 15 weeks. 90th Street and Inwood Avenue is an option, but with that closure where the roundabout is being built, there will again be a detour down to Keats Avenue, over to those businesses that are behind there (Wells Fargo, Menards) that you can reach from either direction. Stage 4 & 5: Just completing East Point Douglas Road in sections behind Target. A challenge with East Point Douglas Road behind Target is it's not wide enough to have two lanes of traffic in each direction and build over half the roadway. So, either we're closing it in segments and building it, or under Plan B, basically we'll keep one lane open for people to access the businesses, as that's the most important, and it's also easiest for detours. You'll see that under Plan B; this is really the end of Plan A. This plan will potentially build Stages 1 through 3 in the first construction season in 2023; Stages 4 and 5 will need an additional 7-to-8 weeks in 2024. So, you're still into more than one construction season, as there's just too much work to be done. If we tried to press to have it completed in just one construction season, our costs would

increase dramatically, as contractors would have to plan for overtime and have multiple crews dedicated, which reduces their ability to add another project.

Plan B: We're looking at having this take two full construction seasons. Stage 1: Removing medians to make some changes, taking out the median just north of the roundabout, an area where we have some trees. We're going to flip traffic from one side to the other coming out of the roundabout. There will be traffic congestion during peak times, as it's already busy without all of this work going on, but it will be busier and more congested during the project, but traffic will be allowed to go through. Perhaps people who live to the north and use this strictly as a way to get to Highway 61 might find it more convenient to go to Keats Avenue; we don't really want them driving through this at peak times, but it allows the traffic to get to Target conveniently from a distance perspective. We also maintain traffic flow, one lane each direction, on East Point Douglas Road. The phases will look somewhat similar; we'll open up Target, and the reason we're trying to get so many of these accesses open quickly is that's a consideration of our easement acquisition and some damages that the businesses can have. The quicker we can get immediate access open the lower our risk for some of those costs. Staging Plan: We're just looking to reopen things when we can with this right in, right out that goes to Cub Foods and Holiday. It's important for Holiday and how they get their fuel deliveries, so we really have to get to those details when we talk about the impacts to these businesses, is our construction going to impact how they get their delivery trucks in some negative way. Stage 1: Now we have all of East Point Douglas Road open; while we keep this Jamaica and East Point Douglas Road intersection open, there will be a point where we'll have to close it for just a few days to get the pavement done. We'll build the curb and gutter, install signals, install storm sewer, but we have to physically finish paving, so we need the road closed for a handful of days to do that. East Point Douglas Road would be fully disconnected from Target and Cub Foods for a very short period of time, low impact but driver confusion. We're talking about two-to-four days where now they detour to Keats, so we really have to sign that well and have information on the highway; the pro is it's short duration, the con is local people are going to be confused on how to get there, and then it will be open once again. Communication is going to be key if we go with this route. Stage 2A: Is very similar to Stage 1, but now we're constructing the left side of the roadway. We'll have traffic flowing east and west on East Point Douglas Road, one lane in each direction. While the surface improvements of paving seem very simple, we have to do a whole new storm sewer system to meet State Aid requirements; that's one of the real challenges with State Aid is you have to actually dig up and install the storm sewer structures, so that's a lot of underground work. Stage 3: All of Jamaica Avenue is done. Following similar staging ideas as the first plan, it's just taking longer. Whichever way we do it, we have a full construction season to get Jamaica done and both sides of the intersection. Then we move to East Point Douglas Road. With this option, we will do the roundabout one half at a time so we can maintain traffic going through here, but there's only traffic coming in; we can't maintain traffic flow in each direction on East Point Douglas Road. No matter how we do it, people can still get to this access point, but traffic is only coming in, so you will have to detour when you leave if you're trying to go down to Hastings. It's 13 weeks for the north half, 13 weeks for the south half, so 26

weeks total to build this roundabout. Under the first option, we're at 15 weeks with a full closure. We're almost doubling the time to build it because building a concrete roundabout is very challenging, and he thinks that's where we're going to have most of the quality concerns. Even if we go with Plan B and reduce impacts with Jamaica, do we still build our roundabout just really in one shot; do we close it in 2024 and take potentially 9 weeks off our construction period? Instead of 2024 pushing into October or November, right down to the bitter end of construction, we could get done earlier in the fall so we could get this project done and wrapped up. Doubling that length of time has a lot of benefits because he knows we want to keep Jamaica open but closing East Point Douglas Road is less traffic and will have less of an impact. Last Stages: Simply building out East Point Douglas Road, keeping one lane of traffic open coming in.

Director Burfeind stated that's the end of the Staging Plan. He asked if Council had any feedback on Plan A vs. Plan B; do we keep more traffic open on Jamaica? Either way, we know we're in two construction seasons; do we do that to reduce impacts? If we do, do we look at that roundabout in one closure so we can really get it done quickly and have it the best quality when we're done?

Discussion: Council Member Olsen stated Director Burfeind had referred to two construction seasons; he asked if he's referring to two construction seasons with contingencies because we don't know what's going to happen in terms of weather impact, etc. A construction season can start weeks late and can end weeks early or can have multiple rainout days, and we don't know that. He asked if contingencies were built into that timeframe. Director Burfeind replied we have a little bit of additional time built in right now, but if we went with a full Plan B, it's very tight for two construction seasons and you're depending on good weather. Council Member Olsen stated it didn't feel like Plan B would be done in just two seasons. Director Burfeind agreed and stated that's where we've been really dialing in some of these timeframes in the last few days. A hybrid plan would still close the roundabout, and that really buys us some extra time. Council Member Olsen stated the primary consideration is accessibility for the businesses; obviously, residents want to be able to get where they want to go, but the businesses also need that traffic to maintain a level of viability. Do you peel the Band-Aid off all at once or little by little? It would be important for him to know if we did Plan A what options exist for businesses to be able to get some traffic, delivery trucks, etc. He's sure businesses bring that up all the time; as a retail operator, he's currently dealing with road construction in front of his store, so you can't get from A to B unless you go all the way around through a neighborhood. So, we feel that impact. It'll be great when it's done, but it's a whole summer of slow sales; he really needs to know how we can mitigate that to some degree. Director Burfeind stated that's one thing that Peter will address in the closed session, when we talk about the acquisition, our potential future liabilities, costs, and damages. It's difficult because we can talk about some things now, and others later, but think about this and store that in your mind; what we talk about later will really play into what could be our potential costs of these two options.

Council Member Thiede asked Director Burfeind which one he thought would cause the least confusion for people. Director Burfeind replied to overall confusion during the project is Plan A, because the fewer stages you have the fewer times you need to get

used to changes. With Plan B, things are always open; so, people might come off the interchange and it might be backed up, but they can still get where they need to go. However, it's also changing frequently. Plan A is that immediate change where they'll need to learn the detour route, but once they learn it, they know it. Many of the driving reasons for Plan B are the potential cost of what it does for the ease of acquisitions and some impacts in the damages to businesses during construction. Thinking about Plan C, he feels Jamaica is the biggest liability; that's the main way in and out for everyone. So, by closing Jamaica, all the businesses are feeling that impact; if we close this roundabout, certainly there are businesses that will feel that, but coming off Keats Avenue for a detour for a length of time is not unusual.

Administrator Levitt asked Director Burfeind what the cost difference was between Plan A and Plan B. Director Burfeind stated with the additional stages and additional mobilizations, we're probably looking at \$750,000 to \$1 million in additional construction costs for Plan B. That would be reduced if we did the roundabout in one shot, but there's potential for the easement costs that could far outweigh that. Some of those are unknowns that won't be known until later; it's drawing on experience and potentials, and some of those costs that we could feel from damages to businesses would be after the fact. There's some risk with that, a big factor we'll discuss in the closed session.

Mayor Bailey stated if we stretch something from a single season to up to maybe three, he's looking at the businesses and people finding somewhere else to go. He's a little concerned about how we can make that better. No matter what we come up with, maybe Plan C, he thinks if we're going to do the roundabout, we do it at once. He asked as we're doing all these sections, looking at this scenario, how would we get out of Target? He asked if that was just a right in, right out. Director Burfeind stated they would keep this median out during construction, so it will still be full access. That's one thing he'll mention with one year vs. two years; if we do Plan B and get all of Jamaica done in year one, under the new condition this is the new expanding signal, this is all working well. You have full access into Cub Foods, Holiday, all seven businesses here, and this side; so, most of the traffic impacts are really done in year one because this is the expanded signal, turn lanes in every direction, so things are going to work well starting in spring of year two if we did Plan B. The real impact then is just closing this, so everyone can get here to get to these businesses, it's just getting to these you must detour around. Other than those townhomes, there's almost no residences in that direction. Your major impacts of traffic are still in year one.

Administrator Levitt stated there's a temporary signal going in the Target area. Director Burfeind stated yes, over the winter, this will all be open, this will be done, this will be working well, and there will be a signal here to operate over the wintertime.

Mayor Bailey stated that would be in effect in the second season; Director Burfeind confirmed that at the end of year one, it will look like it does today as far as the signals. This will be expanded and fully completed; we're thinking this will actually work better than it does today because we'll have dual lefts, so we'll reduce some of those backups. Mayor Bailey stated he thinks about how horrible the traffic is down there, so people always look for shortcuts. He found two shortcuts: If you're coming from Menards to go to Target, if you come around the back side, there's a wall there. He slows down because you just never know if there's another vehicle coming because you can't see it;

it's just food for thought when we get to the final decision, whatever we end up doing, that is going to be an area for people to get in and out of there. He could see accidents happening there, and the same thing with backups, too. Cub Foods is the other one where people try to cut through there to avoid the intersection. Director Burfeind stated if we close this roundabout, Keats is open so people can still use this; but if we close the roundabout, that's something we must address very clearly is the potential cut-through to get through there.

Project Costs/Funding

Director Burfeind stated we previously presented this information, but we'll look at costs first and then funding this project: Work: Includes watermain, storm sewer, street traffic, and signals. Land acquisition: From \$3 to \$5 million; as discussed, this spring, we initially had some real goodwill with the businesses and didn't intend to assess them, were hoping it would be \$3 million for the acquisition costs. More recently, in the last month, as businesses get legal counsel, we're having a lot of concern that it could trend toward the higher end. We'll speak further about this in the closed session. Even with all the work we've done, if things don't go well with easement acquisition, we could be on that high end. Total Project Costs: About \$13.6 million, for which we have a funding plan; part of that is bonding for \$3.6 million. Funding: We have a lot of State Aid Funds, we have money this year that we're intending to use for design that we'll maybe use for some additional land acquisition. We got some Corona Virus MSA, and our MSA was lower last year than normal, so the Feds did some work to make cities whole with that. MSA Funds for next year we'd also do in advance at \$4 million; this has been part of our plan, and we did this for 80th Street, from Keats to Jamaica. We'd pay off \$4 million over the next two years. We also received a grant for \$1.25 million, the maximum amount available from the State for the Local Road Improvement Program. The State received over 400 applications, only about 70 received any funding, and we got the maximum: that's a huge part of this project funding.

Our major concern is if things don't go well with our acquisition, there's a lot of liability and costs that we'd have to pay. Putting it over two construction seasons, could we bond again? That's something we could discuss.

Considering how to pay for these costs, Director Burfeind mentioned Chapter 429 assessments. One significant factor is we have some remnant overhead power lines, which have conflicts with the project; so, at that time, we'll work with Xcel to find out what it's going to cost to fully underground them because it's very expensive to remove them. All of that would be reduced. They're past Menards, behind Target, and a little bit up by 90th Street, which would be \$481,000; that's the additional cost to underground it vs. having them just move it. Just moving it is not that simple because this whole line would need to be moved; this utility easement is where they would move it into, and they would cut down every tree behind Target, which is another cost to be reimbursed. Every way we turn, we're seeing these potential costs. So, if we underground these lines, it's \$481,000, which would eliminate that; the lines would be underground, it's clean, and we don't have to squeeze poles into these tight Right-of-Way corridors. We looked at Council's direction in 2012 by Walmart, potentially doing the same thing here with the facilities surcharge. Instead of us writing a check for \$481,000, it goes on customers' bills spread out over the city for a period of time; it was

about \$2 per month per customer in 2012 when it was done by Walmart. We're looking at that to fund undergrounding these lines. It cleans up the area and it also really helps with the project because Xcel can get in there and get that buried and get them out of our way before the second construction season. He asked if there were any thoughts on going that route; there's a process to it, and 2012 was before his time with the city, but there are public hearings, etc. required to approve that expenditure. Discussion: Council Member Thiede asked how much it cost for the Walmart lines; Director Burfeind replied it was \$170,000 or so, 10 years ago, so now it would be 2.5 times as much. Our tax base has grown so we could spread that cost over more properties.

Council Member Khambata asked if the power line burial was critical to the progress of the project. Director Burfeind replied yes, for two reasons: 1) With Xcel, there might be work we have to do to accommodate moving the poles if we haven't started the work yet. Xcel could come in and bury those lines ahead of our project, so that takes out of the equation the length of time it's going to take Xcel to move those poles. 2) Also, the potential impact to Target if they cut down all of Target's landscaping trees; those would need to be replanted, so that's another cost. It would be much more efficient for the project to have Xcel bury the lines; it would eliminate any concerns about time they would need to relocate them.

Council Member Olsen asked, from an engineer's point of view, when we look at the current alignment of the intersection is it an unsafe intersection? If we left it alone and didn't do anything to it, so it would continue to be aggravating and something that we all complain about, is it truly an unsafe intersection to the point where we're in a position where we must do something about it. Director Burfeind stated regarding the safety, there are more accidents there than at a similar intersection, but it's also a low-speed area. MnDOT looked at fatalities and serious injury accidents, and those most likely aren't there. It's more of a level of service issue.

Administrator Levitt stated she felt it was a lost-opportunity cost loss with development and redevelopment. If your level of service drops from a B to an F, you're not going to see businesses make an investment, so you're going to have a lost-opportunity cost on development and redevelopment of the area. Investors and brokers are going to shy away from this area. So, the City's loss cost is going to be greater there than the safety perspective.

Council Member Olsen stated he appreciated that insight. We must ask ourselves is the juice worth the squeeze; as we see continuing cost escalation, they're hinting at the fact that some of the businesses aren't willing to play nice, we must ask ourselves is it something that we absolutely, positively just have to do. He hates that intersection as much as anybody and wants it fixed, but there's always that cost-benefit analysis that we must do. As the costs increase, we have to ask if the benefits increase on a parallel line or do they not? Engineers look at things differently than laymen would, so is it something where you just shake your head and go I don't know who designed this, but wow, we really need to take care of it. Or is it one of those things that even though it's annoying we can live with it? Director Burfeind stated from an operations standpoint, they fail today, so that's one thing that's different. We see a lot of projects come in from the County, they're looking at future growth, and we must get in here and expand this

before we're failing; we're failing now with the level of service. As Administrator Levitt mentioned, businesses will feel that, and as traffic grows, it will get more challenging. Council Member Olsen stated if it's failing now and the businesses will feel an impact, one would think they would want it to be better. Director Burfeind stated he agreed, and the businesses acknowledge that. They acknowledge that it will be a better condition. Council Member Olsen stated they just don't want to participate in it, which is what we deal with all the time. Director Burfeind stated it's 'no good deed goes unpunished', as we try to do all this goodwill and we're fixing a known problem, but when it comes down to where the rubber meets the road, then we need them to support us.

Mayor Bailey stated Director Burfeind already knows his opinion on the power lines, but let's say they move the poles and take out all the trees, they cannot put trees back there because you can't put trees underneath the power lines. Now you're going to look at the back of Target and all of the businesses there with power lines running across the top with no screening; that does not appeal to him, especially if our goal is to have a connected feel going down towards what eventually will be the Shoppes at Cottage View, Walmart, Menards, etc.

Council Member Olsen stated if we're going to do it, we need to do it right.

Administrator Levitt stated regarding Council Member Thiede's question about the surcharge, we don't have \$481,000 in our equation; you were proposing to have to bond for \$3.6 million, which is \$348,000 of Debt Service. She asked if we had to add that Debt Service, 2.3%, to the levy just to carry those underground costs. So, Council needs to figure out if they want the levy to increase to cover the cost of Debt Service, or do you want to do it through Xcel bills of residents and businesses? That's the other tradeoff Council has to decide. With Walmart, we didn't want that Debt Service, which is why we chose to go that route on the Xcel bill. Right now, this amount is not in our Debt Service, and you'd have to increase your Debt Service by nearly half a million.

She explained the process: We'd initiate a letter to Xcel Energy to ask them to do a design analysis to come up with the cost. That would be the cost to evaluate what our residents and businesses would pay for that. Then you could balance the tradeoff between what the levy impact is doing to Debt Service compared to what the residents are experiencing. She'd encourage Council to request that design analysis, to get the numbers to be able to evaluate it; you don't have to move forward with it, but it gives you the opportunity to evaluate that cost. If you close the door too quickly, just know that's automatically going on your Debt Service.

Council Member Thiede stated what if they took out the first stoplight where you turn into Target, whether you had another stoplight in the end, and you made that a right in, right out right now? He asked what they thought that would do. Director Burfeind replied it would prevent the feel of backing up through intersections, but it will drive a lot more traffic out to here, which we know will happen with our plan project; so, you could be pushing an issue down, as we're going to build a roundabout here, make it a very safe intersection as it's a challenging intersection today. Once you make this a right in, right out, people must use this one. So, it's important to have the roundabout there to accommodate the traffic that's now using it. Council Member Thiede asked what if we had a stoplight there instead? Director Burfeind replied we could do that, but the one thing we'd lose with that is the U-turn ability, so you'll lose a lot of access to these

businesses; you can come right in, but now when you want to leave, it's a precarious route to get out. The roundabout is key for having driver convenience when the project is all said and done. Council Member Thiede stated he agreed it would be a lot nicer to have the roundabout.

Administrator Levitt stated she would argue that going back to Council Member Olsen's concerns about safety, if we were to propose that, your sight line on the visibility would be worsened and that's a liability.

Mayor Bailey stated that's the other issue right now is when you exit by the bank there, it's hard to see, but cars come around that corner quickly; trying to get out is always a challenge. He could see major accidents happening there because of the sight line issue.

Director Burfeind stated the roundabout is really slowing people down in every direction.

Council Member Olsen stated he thought we all knew it was the right thing to do, it's just a question of what it's going to cost us to do it. It's been the right thing to do for 10 years.

Assessments: Director Burfeind stated the last thing they wanted to speak about was assessments. Very early on, there was a discussion about whether to assess this project. The city has done other projects without assessments, including Jamaica and 95th, building the signals, redoing Jamaica Avenue. Our policy would have allowed for it, but it was really dealing with some traffic issues; there were some pavement enhancements, but those were not assessed. Also, no assessments for Hardwood, East Point Douglas Road, and 80th Street with Hy-Vee in 2017. With that consideration with the Council, and the fact that they're still paying off the roundabout assessments through this year, it was determined we would not propose to assess this project.

Now that we're looking at these cost challenges, one way to provide additional funding for the project is assessments. He wanted to discuss if that was something we want to do; there are challenges to that, as we're obviously late into the construction and design process. He displayed on the map which properties would be assessable per our policy; they either abut the project or have direct access through some legal means to the improved surfaces. There are more properties from which we need easements, about 25. When we think about assessing, one of the benefits of that is we can get our General Obligation (G.O.) Bonds with that process, but we need to assess at least 20% of the project costs. We've looked at other similar projects, and our policy would say assess 100% of that \$13 million, but we know for a fact from other projects the Special Benefit Appraisals have not found that amount of value. There's not 100% confidence that we could meet that 20% threshold to make the G.O. Bonds a possibility.

Also, from a schedule standpoint now, it takes six months to order Special Benefit Appraisals, and we can't start land acquisition until you order a project. It starts the project in 2024 because we wouldn't have Special Benefit Appraisals until next spring, so we wouldn't have land acquisitions done until next summer; so, it pushes the whole project back a year. He doesn't think that's something we really want to do, but he wanted to bring it up as it would be a funding mechanism. Even if we cut to the bottom, we could generate some assessments, and it would be allowed per our policy. He

asked if that's something we want to look at, knowing it would push the whole project back a year and not potentially even being able to bond for it through G.O. Bonds. Is that really what we want to do?

Discussion: Council Member Thiede asked who owns the property if East Point Douglas there went straight across; what if we put in an intersection there? Director Burfeind stated he thought that was open at some time, but that was probably closed a long time ago because of the traffic issues and the cut-through for the residential area. He stated he didn't know when that was closed. Council Member Thiede stated most of the traffic would go in its current path, but you'd get that straight and you'd reduce that curve, so you'd reduce the danger of somebody zipping around that curve. Director Burfeind stated the real struggle is when you think about what's driving this traffic; some people would still go that way, but you'd still have your traffic issues here. Council Member Thiede stated then he'd be removing that other light and doing a right in, right out like he'd spoken about. You'd be moving an issue a little bit.

Council Member Khambata asked if that's the natural curve in the road, if there was no way to move the roundabout so you'd be splitting the easement access between the back of Target and the corner of Cub Foods? Director Burfeind replied with the credit union kind of jutting out here, it's very tight as to where we can put it. Also, from a legal standpoint, we don't want to move this access because there are seven entities that have rights to both of these access points. So, if we were to try to adjust one, you're now cutting off a legal access to six entities that used to be able to use that. So, we really have to keep those two access points the same. We know that the traffic generated by this center and Cub Foods really requires a controlled intersection at one of these two; so, by making this a right in, right out, we're reducing traffic here, but that's where it's roundabout or signal. The roundabout is really the right answer. You would have to have control of one of those two access points.

Council Member Olsen asked Administrator Levitt when we'd previously assessed Cub Foods if they were assessed twice; she replied yes, we assessed them for the roundabout, which will end in 2022, and they're just coming off an assessment from 15 years ago. Director Burfeind stated they were also assessed in 2015 for 90th Street. Council Member Olsen stated so they've been assessed three times; Administrator Levitt confirmed that. Council Member Olsen asked if they challenged us; Administrator Levitt replied we didn't lose to Cub. Council Member Olsen asked who we lost to; Administrator Levitt replied that it was a fair number of them. Council Member Olsen stated that's what he remembered; Administrator Levitt noted that that was on Special Benefit. Council Member Olsen stated his concern was if we go to that well too often, they're going to challenge it. He told Director Burfeind to him it just didn't make sense to do that. He thought we didn't need to deal with that.

Mayor Bailey stated he didn't want to assess, but it's really going to depend on what the costs are going to be or the recovery for the easements. Council Member Olsen stated it's an option on the table, but it would push us back another year of construction, too. Mayor Bailey stated he just mentioned that because if the acquisition costs go too high, we're going to have to find another source. Council Member Olsen stated that's one of the reasons why we did the outreach like we've done; we want them to work together with us on this.

Council Member Thiede asked regarding the roundabout, what would happen if we added that further down a bit. Director Burfeind replied we initially looked at that with this project, but as we delved into the title work with our attorneys, all seven businesses have an Operation and Easement Agreement (OEA) for access to both these points; that crosses Target and crosses Grove Plaza shopping center. If we move that, that OEA goes nowhere; it's a defined, sketched out OEA with an end point of this access. And that's a private agreement the City is not a party to; so, then you'd open up a potential damage claim because all six businesses would now lose legal access. Drivers can still do it and there's no stopping them, but they'd lose the legal right to this access point if we move the roundabout. We initially looked at that because it would be better if we moved it over here, but potential costs from the damage were just far too high to move that access point. It doesn't affect Cub Foods, but it's the other six businesses, including Target, that would lose that legal access.

Council Member Thiede asked if the roundabout is the size, it is because you've got two lanes going all the way around it. Director Burfeind replied yes, there are two lanes in the east-west direction, one lane north-south, but then it's accommodating all the truck delivery movements. Council Member Thiede stated there'd be no benefit making it, instead of a perfect circle, a little bit more of an oblong.

Council Member Khambata told Director Burfeind he's disappointed that he wasn't there to design this in the first place.

Mayor Bailey stated from day one when they put that loop in there, he knew it was going to be a problem; anybody could tell that, and it wasn't anybody in this room that was a part of that. Administrator Levitt thanked him for clarifying that. Mayor Bailey wanted to make sure that's known because this project was one of those that this Council had nothing to do with; now, we just have to do it right and fix the previous mistake from the 1990s.

Bonding Options: Administrator Levitt stated there's one more topic before we go into the closed session; Director Malinowski will speak about the bonding options because we have \$3.6 million in bonding. Any additional liability is going to essentially be bonding.

Council Member Olsen stated we can't advance any more MSA as we're already at our maximum; Mayor Bailey stated we've already advanced \$4 million.

Director Malinowski stated we can issue an MSA Bond for the project, so we can investigate that. We talked to Ehlers today, so that's one option; we just must use our MSA in the future to pay off those bonds, or we can do Street Reconstruction Bonds. Those are part of a Street Reconstruction Plan we'd have to look at. We would adopt that plan, hold a public hearing, and then there'd be a 30-day reverse referendum for the Street Reconstruction Bonds. Options are MSA Bonds or the Street Reconstruction Bonds.

Discussion: Council Member Thiede asked Director Malinowski which one she thought was better; she thought the MSA Bond, but she wants to look in the next couple weeks at our Capital Improvement Plan, which is where our future projects are.

Mayor Bailey told Director Malinowski he was glad she was going to look at that, because we're also trying to get funding for 80th Street, which doesn't cover all of 80th

Street, but 80th Street is also an MSA road. So, we'd be taking money out of that pot that would go towards this, so all we're doing is shifting to more things if we did that.

Administrator Levitt stated as a reminder, we'd be issuing debt and getting it in 2023; so, you're bonding for it, getting the debt, but then your levy impact and your first payment is not until 2024. Remember, we push the impact of that debt to 2024, so we're not experiencing or collecting anything in the 2023 levy for it.

Council Member Khambata asked if it would be the 2024 Tax Capacity; Administrator Levitt replied that's correct.

Council Member Olsen stated with each of the different sorts of bonding options that exist, there's a little bit of variability relative to the interest rates paid on them because there's a question of demand, who wants to pay for it. Director Malinowski stated that's correct. He asked if she knew much about the MSA Bonds. Director Malinowski replied when we spoke with Ehlers today, they thought the rates would be about the same with either type of bond. He stated that's good to know; his concern was if we're using a unique tool but we're paying more to use it, it might not be worth it. He knew they'd research that and find out.

Mayor Bailey stated we'd been given a workshop action item; he wants to make sure staff received the orders that they need. The first question was: Does staff have approval to continue moving forward with the project, bring a feasibility report for approval, and authorize presenting offers in October?

Discussion: Administrator Levitt stated if they wanted to dive into some of the numbers and liability, if you'd like to close the meeting and then reopen, you could then provide the guidance once you better understand. Mayor Bailey stated that's fine, and Council Member Dennis stated then we could go through all five of the points. Administrator Levitt stated once the meeting is reopened, then you could provide the direction based on what you hear in the closed session.

14. WORKSHOPS – CLOSED TO PUBLIC

- A. Closed pursuant to Minn. Stat. 13D.05, Subd. 3(b) attorney-client privilege, to discuss acquisition risks for anticipated eminent domain litigation for the East Point Douglas/Jamaica project.

Mayor Bailey reopened the meeting after the closed workshop, as staff had asked Council for some clear direction on Item 13A, the East Point Douglas Road & Jamaica Avenue Improvements Project. He read aloud the list of five items on which staff had requested direction:

1. Does staff have approval to continue moving forward with the project and preparing reports for approval for the project and authorize present offers in October?

Mayor Bailey asked if Council was good on that at this point; they answered yes.

2. Provide direction on staging plan. What business impact is Council comfortable with during construction: Roundabout construction one or two phases, full roadway closures and exit closure duration.

Mayor Bailey stated he'd answer what he thought he heard from Council: We'd want to do Plan B, specifically doing the roundabout all at once, which would push us into that second year. Plan B would give access on Jamaica Avenue where it crosses over to let people get in and out of the businesses. He asked if Council agreed with that, and they all did.

3. Review funding options and provide direction: Does the Council wish to use Chapter 429 method for a funding source?

Council Member Olsen stated he does not but would prefer to learn about the MSA Bonds. Council Member Khambata stated MSA is going to hurt our progress on 80th Street. Council Member Olsen stated he wanted to learn about it before he makes that decision. Mayor Bailey stated it's either MSA Bonds or the Street Reconstruction Bonds; there are two options. Mayor Bailey asked if staff needed to know the Chapter 429 answer right now. Administrator Levitt noted if Council goes with Chapter 429, you'll delay the project a year.

Mayor Bailey stated he didn't think we should do Chapter 429; Council Member Olsen agreed with Mayor Bailey, asked if Street Reconstruction Bonds were referendum ordered. Director Malinowski stated they're not referendum ordered, but there is 30 days after the public hearing that somebody could force that. Council Member Khambata said no to Chapter 429. Council Member Olsen stated he does, too, and stated we could always do G.O. Bonds if we had to. Administrator Levitt stated we cannot do G.O. Bonds because we don't have 20% assessed; that's why we have to go with another option. Council Member Olsen thanked Administrator Levitt for clarifying that and asked if the MSA option is a good option. Administrator Levitt stated it's as close to the G.O. system that we can get. Council Member Khambata stated if we say no to Chapter 429, our options are the MSA or Street Reconstruction Bonds. He confirmed we can discuss that later. Director Malinowski stated she believed that they are both G.O. Bonds; it's just that G.O. Improvement Bonds have the 20% assessment tied to them.

4. Based on staging and funding preferences, is the Council comfortable with the schedule impact?

Mayor Bailey stated obviously this one is already answered because we're saying no to Chapter 429.

5. Does staff have approval to continue working with Xcel Energy to request moving forward with the City's requested facility surcharge to fund the overhead power burial?

All Council Members stated yes.

Mayor Bailey asked Administrator Levitt if that was all the direction staff needed; she replied yes.

15. ADJOURNMENT – 10:18 PM

Motion by Council Member Olsen, second by Council Member Dennis, to adjourn the meeting at 10:18 p.m. Motion carried: 5-0.

Minutes prepared by Judy Graf and reviewed by Tamara Anderson, City Clerk.



City Council Action Request

7C

Meeting Date	10/5/2022	
Department	Community Development	
Agenda Category	Consent Agenda	
Title	Rental License Approvals	
Staff Recommendation	Approve the issuance of rental licenses to the property in the attached table.	
Budget Implication	N/A	
Attachments	Rental License Approvals CC Memo.tif	2.24MB
	Rental License Approvals Table.tif	1.23MB

TO: Honorable Mayor and City Council
Jennifer Levitt, City Administrator

FROM: Samantha Drewry, Code Enforcement Officer

DATE: September 29, 2022

RE: Rental License Approvals

Background/Discussion

Rental licenses are required for nonowner-occupied residential properties (City Code Title 9-13, Property Maintenance, and Title 9-14, Rental Licensing) and are issued on a biennial basis. The licensing process includes submittal of the rental license application, payment of \$180, and public criminal history report. Rental inspections are conducted on all rental properties as part of the licensing process. Once all information has been submitted and the inspection satisfactorily completed, the Council must approve the license prior to it being issued.

The properties listed in the attached table have completed the licensing process and are ready to have their licenses issued following Council approval.

Recommendation

Approve the issuance of rental licenses to the properties in the attached table.

2022 RENTAL LICENSES
CITY COUNCIL APPROVAL - OCTOBER 5, 2022

RENTAL LICENSE NUMBER	PROPERTY STREET #	PROPERTY STREET NAME	PROPERTY OWNER
RENT-001401	6918	102ND STREET SOUTH	SHASHI KIRAN/BAGLUR RAMAMDHAN



City Council Action Request

7D

Meeting Date	10/5/2022
Department	Public Safety
Agenda Category	Consent Agenda
Title	Agreement for Professional Services with True North Psychology & Consulting
Staff Recommendation	Authorize executing agreement for professional services with Dr. Amy Schweigert of True North Psychology & Consulting.
Budget Implication	Annual wellness checks for sworn officers budgeted \$5,375 in 0500-4300 for 2022 and 2023.
Attachments	Agreemnet.for.professional.services.True.North.Ps... 737.1KB Agreement for professional services.TIF 295.48KB



To: Honorable Mayor and City Council
Jennifer Levitt, City Administrator

From: Peter Koerner, Director of Public Safety

Date: September 27, 2022

Subject: **AGREEMENT FOR PROFESSIONAL SERVICES TRUE NORTH**

Cottage Grove Public Safety is developing a mental health group that will include frontline staff. We know that due to the nature of our job duties, public safety employees are exposed to traumas that can create opportunities for mental injuries. The League of Minnesota Cities has now provided a toolbox for creating a team and putting a plan into action. We know that organizational wellness is not a program; it is a philosophy. Cottage Grove Public Safety has embraced this philosophy and is already doing many of the recommendations. In recent years, public safety has budgeted for a yearly neck up check for all sworn officers. We are satisfied with our current agreement with a local psychology and consulting group; however, we want to expand and have additional options for our first responders.

Captain Gwen Martin has researched services that other agencies are using, and Dr. Amy Schweigert of True North Psychology & Consulting was recommended. She provides the yearly mental health check-ins for \$120 per session, which is our budgeted amount. Dr. Schweigert also provides additional therapy sessions and critical incident/peer support consultation if needed. After further discussions internally, public safety recommends entering into an agreement with True North Psychology & Consulting.

The agreement has been reviewed and approved by City Attorney Kori Land. Dr. Amy Schweigert of True North Psychology & Consulting has reviewed and signed the agreement for professional services.

RECOMMENDATION

Authorize executing agreement for professional services with Dr. Amy Schweigert of True North Psychology & Consulting.

Attachment: Agreement for professional services

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT ("Agreement") is made and executed this 16th day of September, 2022 ("Effective Date") by and between the City of Cottage Grove, a Minnesota municipal Corporation, 12800 Ravine Parkway, Cottage Grove, Minnesota 55016, ("City"), and True North Psychology & Consulting LLC, a Minnesota limited liability company, 2168 7th Avenue, #262, Anoka, Minnesota 55303, ("Consultant").

WHEREAS, the City has accepted the proposal of the Consultant for certain professional Services; and

WHEREAS, Consultant desires to perform the Services for the City under the terms and conditions set forth in this Agreement.

NOW THEREFORE, in consideration of the mutual consideration contained herein, it is hereby agreed as follows:

1. SERVICES.

- a. City agrees to engage Consultant as an independent contractor for the purpose of performing certain professional Services ("Services"), as defined in the following documents:
 - i. Scope of Services, incorporated herein as Exhibit A;
 - ii. Fee Schedule, incorporated herein as Exhibit B.

(Hereinafter "Exhibits.")

- b. Consultant covenants and agrees to provide Services to the satisfaction of the City in a timely fashion, as set forth in the Exhibits, subject to Section 7 of this Agreement.

2. PAYMENT.

- a. City agrees to pay and Consultant agrees to receive and accept payment for Services as set forth in Exhibit B.
- b. Any changes in the scope of the work of the Services that may result in an increase to the compensation due the Consultant shall require prior written approval by the authorized representative of the City or by the City Council. The City will not pay additional compensation for Services that do not have prior written authorization.

- c. Consultant shall submit itemized bills for Services provided to City on a monthly basis. Bills submitted shall be paid in the same manner as other claims made to City.
3. TERM. The term of this Agreement shall be for 1 year from the Effective Date. This Agreement may be extended upon the written mutual consent of the parties for such additional period as they deem appropriate, and upon the same terms and conditions as herein stated.
4. TERMINATION.
 - a. Termination by Either Party. This Agreement may be terminated by either party upon 60 days' written notice delivered to the other party to the addresses listed in Section 13 of this Agreement. Upon termination under this provision, if there is no default by the Consultant, Consultant shall be paid for Services rendered and reimbursable expenses until the effective date of termination.
 - b. Termination Due to Default. This Agreement may be terminated by either party upon written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement. The non-performing party shall have thirty (30) calendar days from the date of the termination notice to cure or to submit a plan for cure that is acceptable to the other party.
5. SUBCONTRACTORS. Consultant shall not enter into subcontracts for any of the Services provided for in this Agreement without the express written consent of the City, unless specifically provided for in the Exhibits. The Consultant shall pay any subcontractor involved in the performance of this Agreement within the ten (10) days of the Consultant's receipt of payment by the City for undisputed services provided by the subcontractor.
6. STANDARD OF CARE. In performing its Services, Consultant will use that degree of care and skill ordinarily exercised, under similar circumstances, by reputable members of its profession in the same locality at the time the Services are provided. No warranty, express or implied, is made or intended by Consultant's undertaking herein or its performance of Services.
7. DELAY IN PERFORMANCE. Neither City nor Consultant shall be considered in default of this Agreement for delays in performance caused by circumstances beyond the reasonable control of the nonperforming party. For purposes of this Agreement, such circumstances include, but are not limited to, abnormal weather conditions; floods; earthquakes; fire; epidemics; war, riots, and other civil disturbances; strikes, lockouts, work slowdowns, and other labor disturbances; sabotage; judicial restraint; and inability to procure permits, licenses or authorizations from any local, state, or federal agency for any of the supplies, materials, accesses, or services required to be provided by either City or Consultant under this Agreement. If such circumstances occur, the nonperforming party shall, within a reasonable time of being prevented from performing, give written notice to the other party describing the

circumstances preventing continued performance and the efforts being made to resume performance of this Agreement. Consultant will be entitled to payment for its reasonable additional charges, if any, due to the delay.

8. CITY'S REPRESENTATIVE. The City has designated Jennifer Levitt to act as the City's representative with respect to the Services to be performed under this Agreement. He or she shall have complete authority to transmit instructions, receive information, interpret, and define the City's policy and decisions with respect to the Services covered by this Agreement.
9. PROJECT MANAGER AND STAFFING. The Consultant has designated Dr. Amy G. Schweigert to be the primary contacts for the City in the performance of the Services. She may be assisted by other staff members as necessary to facilitate the completion of the Services in accordance with the terms established herein. Consultant may not remove or replace the designated staff without the approval of the City.
10. INDEMNIFICATION.
 - a. Consultant and City each agree to indemnify, and hold harmless each other, its agents and employees, from and against legal liability for all claims, losses, damages, and expenses to the extent such claims, losses, damages, or expenses are caused by its negligent acts, errors, or omissions. In the event claims, losses, damages, or expenses are caused by the joint or concurrent negligence of Consultant and City, they shall be borne by each party in proportion to its own negligence.
 - b. Consultant shall indemnify City against legal liability for damages arising out of claims by Consultant's employees. City shall indemnify Consultant against legal liability for damages arising out of claims by City's employees.
11. INSURANCE. During the performance of the Services under this Agreement, Consultant shall maintain the following insurance:
 - a. General Liability Insurance, with a limit of \$2,000,000 for any number of claims arising out of a single occurrence;
 - b. Professional Liability Insurance, with a limit of \$2,000,000 for any number of claims arising out of a single occurrence.
 - c. Workers' Compensation Insurance in accordance with statutory requirements.
 - d. Automobile Liability Insurance, with a combined single limit of \$1,000,000 for each person and \$1,000,000 for each accident.

Consultant shall furnish the City with certificates of insurance, which shall include a provision that such insurance shall not be canceled without written notice to the City. The City shall be named as an additional insured on the General Liability Insurance policy.

12. OWNERSHIP OF DOCUMENTS. Professional documents, drawings, and specifications prepared by the Consultant as part of the Services shall become the property of the City when Consultant has been compensated for all Services rendered, provided, however, that Consultant shall have the unrestricted right to their use. Consultant shall retain its rights in its standard drawing details, specifications, databases, computer software, and other proprietary property. Rights to proprietary intellectual property developed, utilized, or modified in the performance of the Services shall remain the property of the Consultant. Further, nothing in this paragraph shall cause any professional therapy records, notes, or other related documents to become the property of City and all such documents shall remain the property of Consultant or individual Clients. These obligations survive the termination of this Agreement.

13. NOTICES. Notices shall be communicated to the following addresses:

If to City: City of Cottage Grove
12800 Ravine Parkway
Cottage Grove, MN 55016
Attention: City Administrator

Or e-mailed: jlevitt@cottagegrovemn.gov

If to Consultant: True North Psychology & Consulting LLC
Attn: Dr. Amy G. Schweigert
2168 7th Avenue, #262
Anoka, MN 55303

Or emailed: amy@truenorthpsychology.com

14. INDEPENDENT CONTRACTOR STATUS. All services provided by Consultant, its officers, agents and employees pursuant to this Agreement shall be provided as employees of Consultant or as independent contractors of Consultant and not as employees of the City for any purpose.

15. GENERAL PROVISIONS.

- a. Assignment. This Agreement is not assignable without the mutual written agreement of the parties.
- b. Waiver. A waiver by either City or Consultant of any breach of this Agreement shall be in writing. Such a waiver shall not affect the waiving party's rights with respect to any other or further breach.

- c. Governing Law. This Agreement shall be construed in accordance with the laws of the State of Minnesota and any action must be venued in Washington County District Court.
- d. Severability. If any term of this Agreement is found be void or invalid, such invalidity shall not affect the remaining terms of this Agreement, which shall continue in full force and effect.
- e. Data Practices Act and Data Privacy Compliance. City does not intend by this Agreement to delegate a government function to Consultant and Consultant agrees that it is not performing a government function. Consultant agrees to administer any and all data provided to the Consultant or created, collected, received, stored, used, maintained, or disseminated by Service Provider in fulfillment of this Agreement in accordance with all applicable laws, which may include the Minnesota Government Data Practices Act, Minnesota Statutes, Chapter 13 ("MGDPA"), the Health Insurance Portability and Accountability Act ("HIPAA"), and the mandatory reporting obligations of Consultant's licensed mental health professionals. Consultant agrees to notify the City as soon as possible if it receives a request for data under the MGDPA. This paragraph does not create a duty on the part of Consultant to provide public access to data unless required under the provisions of an applicable law. These obligations survive the termination of this Agreement.
- f. Entire Agreement. This Agreement constitutes the entire agreement of the parties and supersedes all prior communications, understandings and agreements relating to the subject matter hereof, whether oral or written.

CITY OF COTTAGE GROVE

By: _____

Myron Bailey, Mayor

By: _____

Tamara Anderson, City Clerk

Date: _____

CONSULTANT

Amy G. Schweigert
By: Amy G. Schweigert
Its: TNPC Owner/ PsyD, LP, LMFT

Date: 9/16/2022

EXHIBIT A
SCOPE OF SERVICES

1. **Services.** Consultant and City agree that the primary purpose and spirit of these Services are to address personnel mental wellness and to reduce barriers, including lack of access to occupationally competent care providers, to mental health care for law enforcement officers. In furtherance of this goal, Consultant will provide the following Services:
 - a. Therapy Sessions. Consultant provides each employee and/or their household members with up to six sessions throughout the year. This will help staff through individual care, couples therapy, family therapy, or a mix, depending on their needs.
 - b. Mandatory Mental Health Check-Ins. Consultant will check in with your entire staff, from officers to clerks to administration. This way, you will be able to support your team and determine if anyone needs additional therapy.
 - c. On-Site and Consulting Services. Consultant will provide the following services as requested by City:
 - i. Telephone or in-person consultation services regarding mental health and wellness.
 - ii. Attendance at roll calls at the start of the program and as needed to introduce the program, answer questions, and provide information.
 - iii. Participation in ride-alongs as appropriate to be a familiar resource and support to the City employees.
 - iv. Attendance at critical incident defusings or debriefings, when possible.
2. **Logistics.**
 - a. Contact Information.
 - i. Email: info@truenorthpsychology.com or amy@truenorthpsychology.com
 - ii. phone: (763) 310-8847
 - iii. Address: 199 Coon Rapids Blvd #208, Coon Rapids, MN 55433
 - b. Appointment Scheduling. Appointments can be made by emailing or calling Service Provide. A unique department link will be provided for departments to schedule mandatory mental health check-ins.
 - c. Location. Services will be provided at Consultant's office, a mutually agreed upon location at the City's office, or virtually via secure telehealth platform.
 - d. Urgent Requests. Consultant is available 24/7/365 with a 1 hour call back time. This can be for emergency check-ins, therapy sessions, or debriefings/defusings.

EXHIBIT B
FEE SCHEDULE

- a. Therapy Sessions. \$160/session
- b. Mandatory Mental Health Check-Ins. \$120/session
- c. Critical Incident/Peer Support Consultation. \$350+/month (dependent on department size)
- d. Emergency Therapy Support. \$175/session
- e. Department Presentations. \$200/hr minimum of 2 hours/presentation
- f. Travel Time. (outside of 30 mile radius from 55303). \$1/mile



City Council Action Request

7E

Meeting Date	10/5/2022
Department	Public Safety
Agenda Category	Consent Agenda
Title	Authorization to Apply for Leary Firefighters Foundation Grant
Staff Recommendation	Authorize the Cottage Grove Fire Department to apply for a Leary Firefighters Foundation grant for \$25,000.00 to fund a much-needed project to purchase CAD interface computers for fire apparatus.
Budget Implication	If awarded, fire division will utilize the vehicle equipment budget for the \$3,000.00 difference.
Attachments	Authorization.to.Apply.for.Leary.Firefighters.Found... 899.22KB



To: Honorable Mayor and City Council
Jennifer Levitt, City Administrator

From: Peter Koerner, Director of Public Safety

Date: September 29, 2022

Subject: **AUTHORIZATION TO APPLY FOR LEARY FIREFIGHTERS FOUNDATION GRANT**

Introduction

The Cottage Grove Fire Department has an exceptional opportunity to apply for a grant through the Leary Firefighters Foundation to help fund critical technology infrastructure needs. The Leary Firefighters Foundation was founded in 2000 by actor Denis Leary in response to the tragic on-duty death of six firefighters in Worcester, Massachusetts during a fire on December 3, 1999. Leary had close connections with two of the firefighters, with one of them being his cousin and the other a childhood friend.

The focus of the Leary Firefighters Foundation is to support the purchase of state-of-the-art training and tools, and to fund modern technology needs for fire departments. Per the words of the foundation founder, Denis Leary, "such equipment not only saves the lives of these brave men and women but increases the odds that they can save ours."

The Cottage Grove Fire Department has identified a key piece of technology it currently lacks. Computer Aided Dispatch (CAD) interface in fire apparatus is a critical need to firefighters responding to emergency incidents. CAD interface allows emergency responders to readily access critical information, such as pre-fire plans or hazardous materials present at the site of an incident. The CAD interface also offers an ability to maintain accountability of responding units, which is critical to prevent the death and injuries of firefighters operating at an incident. The fire department currently has these computers in three ambulances but plans to expand to fire apparatus.

Grant Opportunity

The Leary Firefighters Foundation will fund up to \$25,000.00 for projects to obtain modern technology needs. The costs of this project for CAD interface computers and installation will be approximately \$28,000.00. The application is a competitive process and if approved, the fire department will apply for consideration of a generous grant from the Leary Firefighters Foundation. If awarded, fire will utilize the vehicle equipment budget for the \$3,000.00 difference.

Recommendation

Authorize the Cottage Grove Fire Department to apply for a Leary Firefighters Foundation grant for \$25,000.00 to fund a much-needed project to purchase CAD interface computers for fire apparatus.



City Council Action Request

7F

Meeting Date	10/5/2022	
Department	Finance	
Agenda Category	Consent Agenda	
Title	Accept Donations Received 2nd and 3rd Quarter	
Staff Recommendation	Adopt Resolution 2022-132 accepting donations received between April 1 and September 30, 2022	
Budget Implication	N/A	
Attachments	Res 2nd And 3rd Quarter Donations.tif	99.79KB

CITY OF COTTAGE GROVE, MINNESOTA
CITY COUNCIL
RESOLUTION 2022-132
**RESOLUTION ACCEPTING DONATIONS RECEIVED IN THE 2nd AND 3rd
QUARTERS 2022**

WHEREAS, the businesses and individuals listed below have made donations to the City of Cottage Grove between March 1, 2022 and September 30, 2022; and

Received From	Purpose	Amount
Pancentral, CGC Holdings (LSP)	Economic Development Activities	\$150,000
Northwoods Smokehouse	4th of July Fireworks	\$500
Tennis Sanitation	4th of July Fireworks	\$5,000
Renewal by Andersen	4th of July Fireworks	\$5,000
Hy-Vee	4th of July Fireworks	\$5,000
3M	4th of July Fireworks	\$5,000
3M	Strawberry Fest	\$5,000
Lions Club of CG	Police-community engagement	\$500
Joe Fischbach	Exercise Equipment-Fire	\$4,000
Linda Rodenberg	Bench-Meadowgrass playground	\$1,500
Dennis Brothers Liquors	CG Convention & Visitors Center	\$250
Stantec	Support of The Season of Giving	\$2,100
Rumpca Excavating	Oakwood landscaping	\$2,000

WHEREAS, the City of Cottage Grove, on behalf of the Administration, Police, Fire, Parks, and Economic Development gratefully accepts these donations and recommends that the be used for the proposes intended by the donors.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Cottage Grove, County of Washington, State of Minnesota, that the donations received in the first and second quarter of the 2022 fiscal year, listed in this resolution and totaling \$185,850 be accepted on behalf of the city operations that they were designated to support, with the sincere thanks of the City Council.

Passed this 5th day of October 2022.

Myron Bailey, Mayor

Attest:

Tamara Anderson, City Clerk



City Council Action Request

7G

Meeting Date	10/5/2022
Department	Public Safety
Agenda Category	Consent Agenda
Title	Authorization to Pursue Funding and Replacement of K9
Staff Recommendation	Authorize the plan to move forward with a new K9 to replace Gunnar and authorize Public Safety to pursue funding through the USPCA and Public Safety Board.
Budget Implication	Authorized two K9s with current budget. Pursue funds from grants and donations to make replacement budget neutral.
Attachments	Authorization.to.pursue.K9.funding.09.29.2022.TIF 877.3KB



To: Honorable Mayor and City Council Members
Jennifer Levitt, City Administrator

From: Peter J Koerner, Director of Public Safety

Date: September 29, 2022

Subject: **AUTHORIZATION TO PURSUE FUNDING AND REPLACEMENT OF K9**

At Police K9 Gunnar's last vet appointment, it was discovered that he has a degenerative area surrounding his spine which needed pain medication to continue operating as a certified K9. Following the appointment, Captain Rinzel and Sergeant Torning discussed Gunnar's status. They recommended that Gunnar would go through his final certification in 2022, allowing him to continue working through 2023, with a probable retirement date in the summer of 2023. Sergeant Torning will no longer be a handler but will oversee the program.

In 2021, we increased our K9 budget that allowed for the addition of a second dog. Officer Graff completed training and is currently assigned K9 Scout. A transition plan has been completed to secure a new dog to replace Gunnar when retired in 2023. By starting a selection process now, we will not have any disruption to operations. The patrol schedule is currently being finalized for 2023 and the selection now will also limit any disruption to the patrol schedule.

The process of selecting a new K9 handler takes time. We have eligibility requirements for all specialty positions. The process will include a letter of interest, physical agility testing using Cooper Standards, oral interview (includes constitutional knowledge) and final selection from command staff.

The replacement dog will have no impact on the 2023 budget since we increased for food, veterinarian care, equipment etc. and have two K9 squads. Captain Rinzel will put together a request to the Public Safety Board for a donation. This would include the cost of a new dog and certification training. The training would begin in the spring of 2023, allowing time to have a fully certified K9 and handler at Gunnar's retirement date. The Public Safety Board recently received a donation in the amount of \$15,000 for the purchase of a new dog. We will also apply for a grant through the USPCA, who awarded us \$7,500 last year for Scout. With the anticipated donations, the addition will be budget neutral.

Recommendation

Authorize the plan to move forward with a new K9 to replace Gunnar and authorize Public Safety to pursue funding through the USPCA and Public Safety Board.



City Council Action Request

7H

Meeting Date	10/5/2022
Department	Public Works
Agenda Category	Consent Agenda
Title	2023 Pickups and Hoists
Staff Recommendation	Authorize staff to place the order for pickup trucks and hoists as part of the 2023 equipment replacement budget for an estimated total of \$438,000.
Budget Implication	\$438,000 included in the 2023 proposed equipment replacement budget.
Attachments	Equipment Replacement Memo.tif 715.65KB



To: Honorable Mayor and City Council
Jennifer Levitt, City Administrator

From: Ryan Burfeind, Public Works Director/City Engineer
Adam Moshier, Fleet and Facilities Manager

Date: 9/27/2022

Re: Order 2023 Pickups and Hoists in the Equipment Replacement Budget

Background

Staff is requesting approval to order the pickups and hoists that are currently in the 2023 Equipment Replacement budget. Staff is seeing longer lead times on new equipment orders and state contracts are closing earlier. The City can save money by securing a price on a state contract now compared to waiting until 2023 when the current contract could expire and increase in cost anywhere from three to fifteen percent.

Discussion

The following pieces of equipment would be ordered this year if/when the state contract for the equipment becomes active.

Two pickups for parks-\$110,000
Pickup for new streets-\$55,000
Pickup for new parks-\$55,000
Two hoists for fleet-\$53,000
Two pickups in water-\$110,000
One pickup in stormwater-\$55,000

The following equipment would not be ordered until the budget is approved in December.

One-ton truck for parks-\$100,000
One-ton truck for streets-\$100,000
Ball field groomer-\$41,000

Budget

The equipment ordered would not be invoiced until 2023 except for possibly the hoists for fleet. These are all items that are currently in the 2023 proposed budget. Total cost for the equipment recommended to be ordered is \$438,000.

Recommendation

It is recommended the City Council authorize staff to place the order for pickup trucks and hoists as part of the 2023 equipment replacement budget for an estimated total of \$438,000.



City Council Action Request

71

Meeting Date 10/5/2022

Department Public Works

Agenda Category Consent Agenda

Title Pine Arbor Alcove Stop Sign Authorization

Staff Recommendation Adopt Resolution 2022-131 authorizing the installation of a stop sign at Pine Arbor Alcove South at the intersection with Pine Arbor Lane South.

Budget Implication N/A

Attachments	Pine Arbor Alcove Stop Sign CC Memo.tif	3.13MB
	Pine Arbor Alcove Stop Sign Location Map.tif	5.63MB
	Pine Arbor Alcove Stop Sign Resolution.tif	2.06MB



To: Honorable Mayor and City Council
Jennifer Levitt, City Administrator

From: Jared Juth, Graduate Engineer

Date: October 5, 2022

Re: Pine Arbor Alcove Stop Sign Authorization

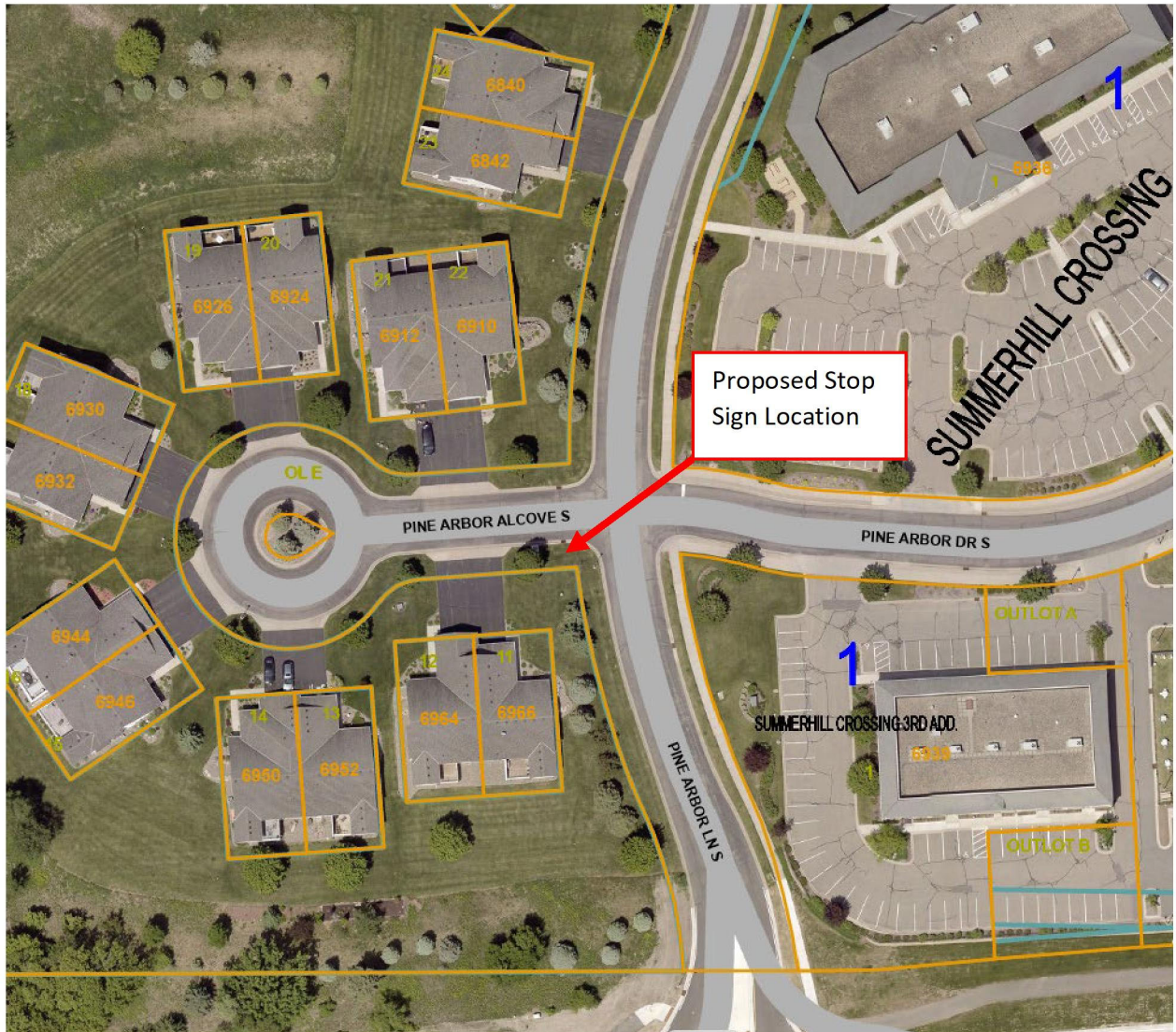
Background/Discussion

Pine Arbor Alcove South was constructed in 2003 as part of the Pine Arbor 1st Addition development. As part of this original construction, no stop signs were installed for Pine Arbor Alcove South at the intersection with Pine Arbor Lane. Due to Pine Arbor Alcove being the minor street at the intersection with Pine Arbor Lane, vehicles coming from the cul-de-sac are required to yield to cross-traffic. However, with increasing traffic on Pine Arbor Lane and sight line impediments, staff is recommending a stop sign be installed on Pine Arbor Alcove.

According to the City of Cottage Grove Sign Policy and Minnesota Manual on Uniform Traffic Control, all four-leg intersections of local roadways will have the stop control on the minor street. The east leg of this intersection, Pine Arbor Drive, is the only leg to currently have a stop sign. Because of this implied minor street, the opposite leg, Pine Arbor Alcove, should also be stop controlled. Moreover, tree growth along Pine Arbor Lane has begun to impede vehicle sightlines when exiting Pine Arbor Alcove.

Recommendation

It is recommended the City Council adopt the resolution authorizing the installation of a stop sign at Pine Arbor Alcove South at the intersection with Pine Arbor Lane South.



CITY OF COTTAGE GROVE, MINNESOTA
CITY COUNCIL
RESOLUTION 2022-131

**RESOLUTION AUTHORIZING THE INSTALLATION OF A STOP SIGN
AT PINE ARBOR ALCOVE SOUTH AT ITS INTERSECTION WITH
PINE ARBOR LANE SOUTH**

WHEREAS, an engineering study was completed at the intersection of Pine Arbor Alcove South and Pine Arbor Lane South; and

WHEREAS, City sign policy states that minor legs of four-way local roadway intersections be stop controlled; and

WHEREAS, it is the recommendation of the City Engineer that a stop sign be placed at Pine Arbor Alcove South at its intersection with Pine Arbor Lane South.

NOW THEREFORE BE IT RESOLVED, the City Council of the City of Cottage Grove, County of Washington, State of Minnesota, approves the placement of a stop sign at Pine Arbor Alcove South at its intersection with Pine Arbor Lane South.

Passed this 5th day of October 2022.

Myron Bailey, Mayor

Attest:

Tamara Anderson, City Clerk



City Council Action Request

7J

Meeting Date	10/5/2022		
Department	Public Works		
Agenda Category	Consent Agenda		
Title	South District Street & Utility Improvements – Change Order #2		
Staff Recommendation	Approve Change Order #2 revising portions of the project design and scoping, and increasing the contract total by \$527,813.34 to a total contract amount of \$7,302,466.20.		
Budget Implication	\$527,813.34 - Assessments, Area Fund, and EDA Funds		
Attachments	South District Street & Utility CC Memo.tif	9.09MB	
	South District Street & Utility Change Order No. 2.tif	10.46MB	



To: Honorable Mayor and City Council
Jennifer Levitt, City Administrator

From: Amanda Meyer, P.E., Assistant City Engineer

Date: September 26, 2022

Re: South District Street & Utility Improvements – Change Order #2

Background

The City had been working with several property owners interested in selling their properties south of 100th Street for residential development, along with potential developers of the land. Currently, the area south of 100th Street has only one public road access on Ideal Avenue. Per the fire code, when more than 30 new housing units are built, a secondary access is required. To facilitate this, the City began work on a new collector roadway, following the comprehensive plan. This includes the extension of Hadley Avenue, highlighted in red below, along with the re-alignment of 100th Street, highlighted in green. As this new roadway alignment serves multiple properties, it is being built as a City project through the 429 process with assessments to the benefiting parcels.

On June 2, 2021, the City Council authorized the preparation of a feasibility report for 105th Street from Ideal Avenue to Hadley Avenue. Since that time, the project has been titled South District Street & Utility Improvements; however, it follows the same scope of work as included in the original approval. On March 16, 2022, the City Council approved the feasibility report and authorized the preparation of plans and specifications, which were subsequently approved by the City Council on May 4, 2022. Bids for the project were opened on May 26, 2022. Easement agreements were approved, and the project was awarded on June 1, 2022.

Discussion

Upon further staff discussion and review of adjacent developments and the current development climate, Change Order No. 2 has been drafted to appropriately adjust some of the design and phasing to ensure the City has positioned the adjacent property well for development. The proposed change order includes three main items. The first item solidifies the extension of trunk sanitary sewer from the 2022 utility construction limits west to Hadley Avenue in 2023 regardless of the city's decision whether to move forward with the remainder of the project as noted in Change Order No 1. By ensuring this trunk sanitary sewer is installed in 2023, this allows for the temporary lift station installed at Capstone's Settlers Bluff development to be decommissioned and it provides a final ultimate discharge location for any further future development west of this area. The second item in Change Order 2 includes a design change in the sanitary sewer lateral through the city park area into the developable 40-acre area. After additional planning discussions, there are portions of the developable 40 acres west of the NorthPoint industrial park that could include a higher density product and therefore a larger

diameter sanitary sewer to provide that flexibility is proposed. The last item included in the change order is an update to the overall contract total to account for the design changes resulting from rerouting trunk utilities adjacent to the park area. The trunk utilities were intended to be extended through an adjacent residential development being proposed and the city would have paid approximately \$428,000 for the upsizing of the trunk pipes. Since the residential development has since been cancelled, the utilities had to be rerouted in order for the infrastructure to be installed separately from a development.

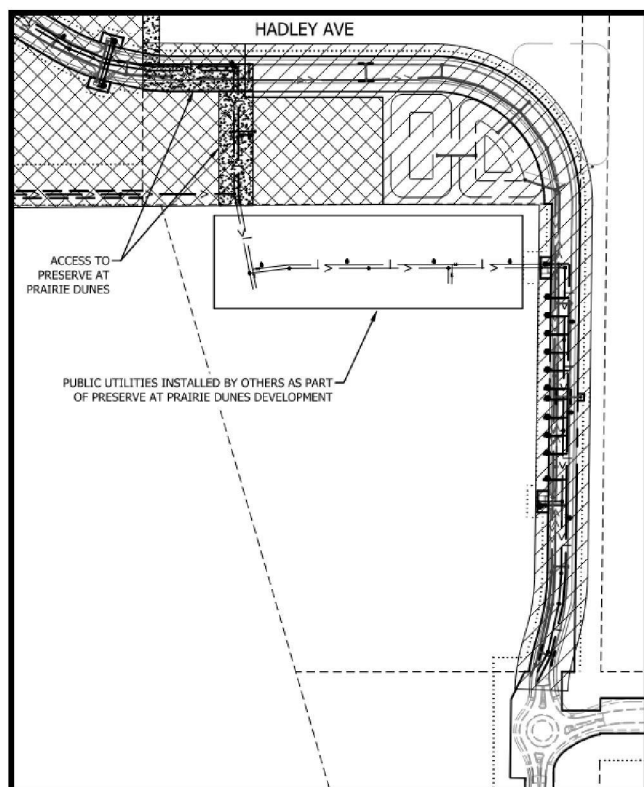


Figure 1: Initial Utility Alignment

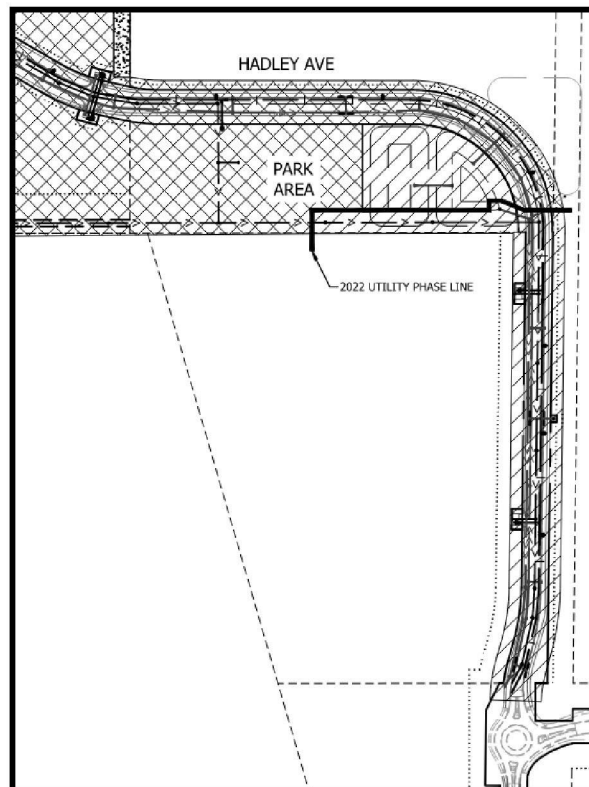


Figure 2: Revised Utility Alignment

Recommendation

It is recommended that the City Council approve Change Order #2 revising portions of the project design and scoping, and increasing the contract total by \$527,813.34 to a total contract amount of \$7,302,466.20.



Owner: City of Cottage Grove, 12800 Ravine Pkwy., Cottage Grove, MN 55016	Date: Sept. 26, 2022
Contractor: Northern Lines Contracting, 11039 Lamont Avenue NE, Hanover MN 55341	
Bond Co: Travelers Casualty & Surety Co., One Tower Square, Hartford, CT 06183	Bond No: 107602362

CHANGE ORDER NO. 2
SOUTH DISTRICT STREET & UTILITY IMPROVEMENTS
STANTEC PROJECT NO. 193805569

Description of Work

PART 1:

Part 1 of this Change Order provides for material adjustments to the utilities (sanitary, water, & storm) beyond those originally bid as part of this project.

PART 2:

Part 2 of this Change Order provides for adjustments to the sanitary sewer (sheets R69, R70 & R78 attached) and staging plan (sheet R25 attached).

No.	Original Bid Ref. No.	Item	Unit	Contract Quantity	Unit Price	Total Amount
PART 1 - CHANGE ORDER NO. 2						
1	5	TEMPORARY HYDRAULIC MATRIX	AC	1.4	\$0.01	\$0.01
2	9	SEEDING	AC	1.4	\$290.00	\$406.00
3	11	SEED MIXTURE 25-131	LB	51	\$6.00	\$306.00
4	13	HYDRAULIC MATRIX (MULCH)	AC	1.4	\$4,750.00	\$6,650.00
5	15	SALVAGED TOPSOIL BORROW (LV)	CY	1176	\$2.00	\$2,352.00
6	17	CLEARING AND GRUBBING	AC	0.1	\$13,000.00	\$1,300.00
7	18	IMPROVED PIPE FOUNDATION	LF	1147	\$0.01	\$11.47
8	19	TELEWISE SANITARY SEWER	LF	1147	\$2.60	\$2,982.20
9	20	8" PVC SANITARY SEWER PIPE, SDR 35	LF	(990)	\$55.00	(\$54,450.00)
10	21	8" PVC SANITARY SEWER PIPE, SDR 26	LF	(176)	\$75.00	(\$13,200.00)
11	add	8" PVC SANITARY SEWER PIPE, C900	LF	138	\$200.00	\$27,600.00
12	add	10" PVC SANITARY SEWER PIPE, SDR 35	LF	645	\$64.00	\$41,280.00
13	add	10" PVC SANITARY SEWER PIPE, SDR 26	LF	452	\$87.00	\$39,324.00
14	23	24" PVC SANITARY SEWER PIPE, C905	LF	1078	\$350.00	\$377,300.00
15	26	CONNECT TO EXISTING SANITARY MANHOLE	EA	(2)	\$0.01	(\$0.02)
16	27	24" X 4" PVC WYE, C905	EA	(11)	\$4,725.00	(\$51,975.00)
17	28	4' DIA SANITARY MH, INCL. R-1642-B CSTG AND HDPE ADJ. RINGS	LF	65.75	\$480.00	\$31,560.00
18	29	5' DIA SANITARY MH, INCL. R-1642-B CSTG AND HDPE ADJ. RINGS	LF	4	\$2,220.00	\$8,880.00
19	30	INSIDE DROP INLET PIPE	LF	(15.96)	\$535.00	(\$8,538.60)
20	32	6 INCH CONCRETE HYDRANT ACCESS PAD	SF	(2)	\$22.00	(\$44.00)
21	33	IMPROVED PIPE FOUNDATION	LF	1028	\$0.01	\$10.28
22	34	6" DIP WATER MAIN, CL. 52, INCL. POLY WRAP	LF	100	\$68.00	\$6,800.00
23	35	8" DIP WATER MAIN, CL. 52, INCL. POLY WRAP	LF	35	\$72.00	\$2,520.00
24	36	18" DIP WATER MAIN, CL. 52, INCL. POLY WRAP	LF	893	\$142.00	\$126,806.00
25	37	6" GATE VALVE AND BOX	EA	4	\$2,195.00	\$8,780.00
26	40	HYDRANT	EA	3	\$8,630.00	\$25,890.00
27	41	DUCTILE IRON FITTINGS	LB	238	\$11.50	\$2,737.00
28	add	6" WATER MAIN OFFSET	EA	1	\$3,000.00	\$3,000.00
29	46	CONNECT TO EXISTING 18" WATER MAIN	EA	(1)	\$3,000.00	(\$3,000.00)
30	47	1" CORPORATION STOP	EA	(11)	\$250.00	(\$2,750.00)
31	48	1" CURB STOP AND BOX	EA	(11)	\$415.00	(\$4,565.00)
32	49	1" TYPE "K" COPPER WATER SERVICE	LF	(770)	\$27.00	(\$20,790.00)
33	50	4" PVC SCH. 40, SANITARY SERVICE PIPE	LF	(660)	\$24.00	(\$15,840.00)
34	51	4" PVC SCH. 40, SANITARY SERVICE RISER PIPE	LF	(293)	\$50.00	(\$14,650.00)
35	60	24" RCP STORM SEWER, CLASS 3	LF	(59)	\$125.00	(\$7,375.00)
36	62	30" RCP STORM SEWER, CLASS 3	LF	59	\$144.00	\$8,496.00
TOTAL CHANGE ORDER NO. 2:						\$527,813.34

Original Contract Amount	\$6,774,652.86
Previous Change Orders	\$0.00
This Change Order	\$527,813.34
Revised Contract Amount (including this change order)	\$7,302,466.20

CHANGE IN CONTRACT TIMES

Original Contract Times:

Substantial Completion (days or date):

Ready for final Payment (days or date):

Increase of this Change Order:

Substantial Completion (days or date):

Ready for final Payment (days or date):

Contract Time with all approved Change Orders:

Substantial Completion (days or date):

Ready for final Payment (days or date):

Recommended for Approval by:

STANTEC

**Sanocki,
Dave**

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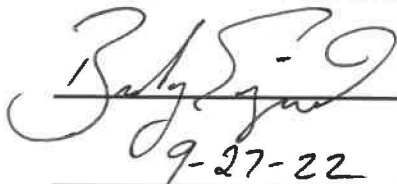
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Approved by Contractor:

NORTHERN LINES CONTRACTING

Approved by Owner:

CITY OF COTTAGE GROVE


9-27-22

Date

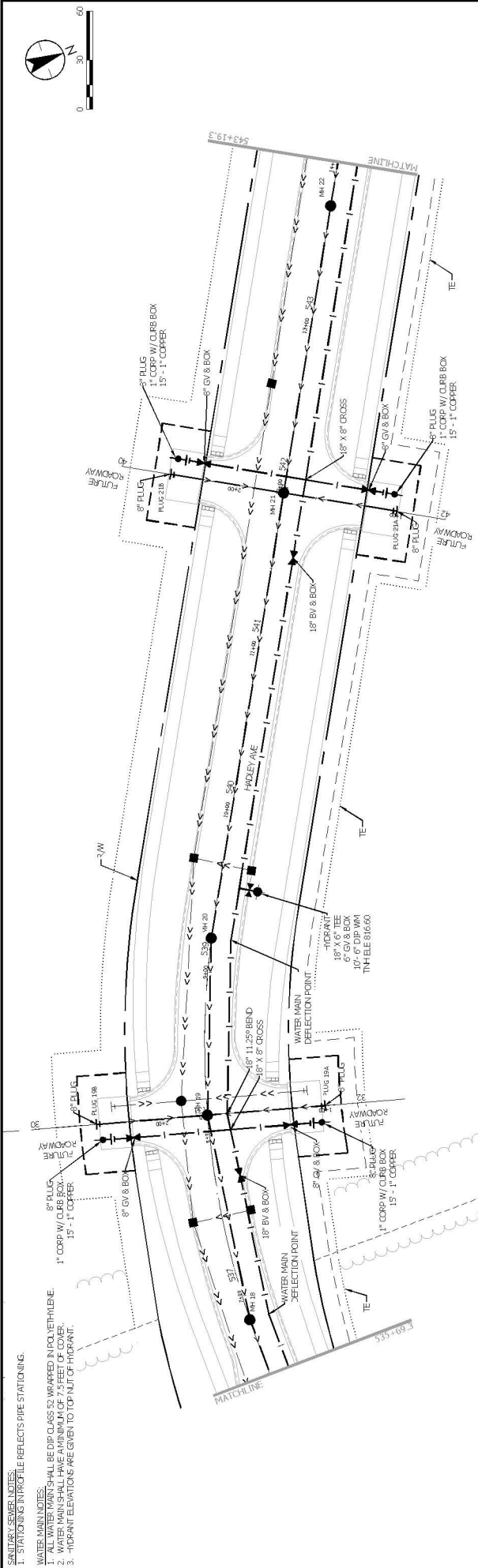
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cc: Owner

Contractor

Bonding Company

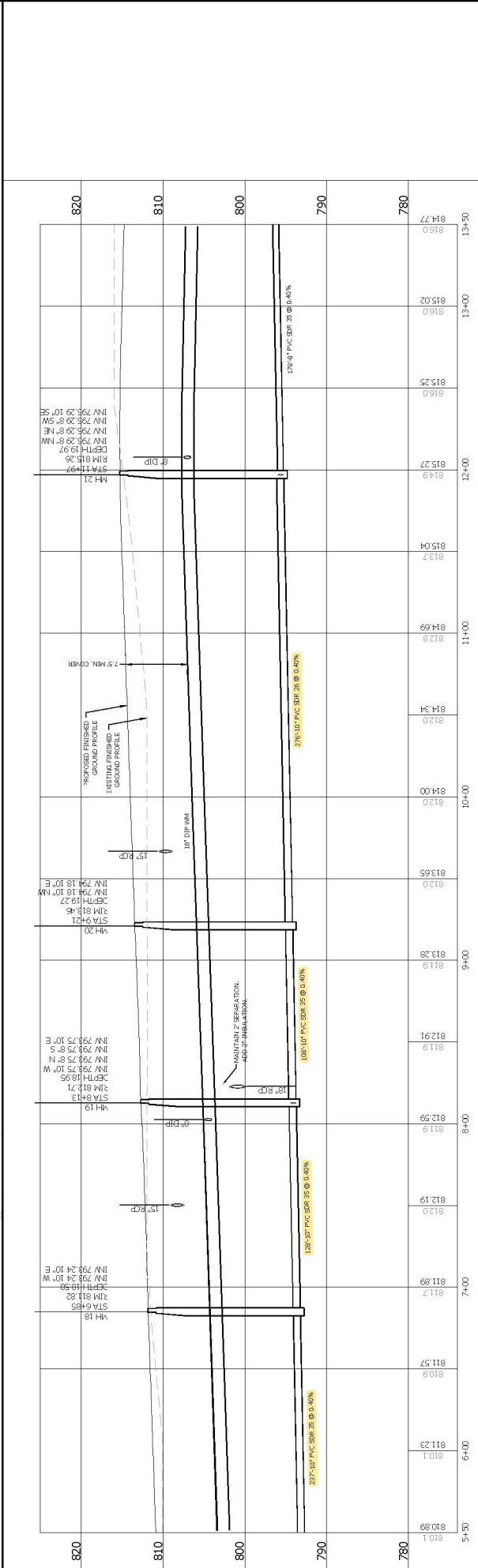
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SANITARY SEWER NOTES:
 1. STATIONING IN PROFILE REFLECTS PIPE STATIONING.
 2. ALL CONDUITS SHALL BE 15' MIN. DEPTH UNLESS OTHERWISE NOTED.
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City Council Action Request

7K

Meeting Date 10/5/2022

Department Public Works

Agenda Category Consent Agenda

Title 2023 Pavement Management – Authorization of Feasibility Report

Staff Recommendation Adopt Resolution 2022-129 authorizing the preparation of a feasibility report for the 2023 Pavement Management Project for portions of the Thompson Grove Estates Neighborhood and the south 80th Street frontage road from Hemingway Avenue to Hyde Avenue.

Budget Implication N/A

Attachments	2023 Pavement Management CC Memo.tif	4.56MB
	2023 Pavement Management Map.tif	9.13MB
	2023 Pavement Management Resolution.tif	56.87KB



To: Honorable Mayor and City Council
Jennifer Levitt, City Administrator

From: Amanda Meyer, PE, Assistant City Engineer

Date: October 5, 2022

Re: 2023 Pavement Management – Authorization of Feasibility Report

Background

The next scheduled Pavement Management Area as outlined in the Capital Improvement Plan includes streets in the Thompson Grove Estates residential area of Cottage Grove along with a portion of the frontage road along 80th Street:

- **Thompson Grove Estates Neighborhood (1st, 6th, 7th, & 10th Additions):** Streets include Hemingway Avenue from 80th Street to Hyde Avenue; Henslowe Avenue from 80th Street to Hemingway Avenue; Henna Avenue from Hemingway Avenue to Homestead Avenue; Homestead Avenue from 80th Street to Hyde Avenue; Homestead Court; Hornell Avenue from 80th Street to Hyde Lane; Hynes Avenue from 80th Street to Hyde Lane; Hyde Lane from Homestead Avenue to Hyde Avenue; Hyde Avenue from 80th Street to Hillside Trail; Hyde Court; and 83rd Street from Hyde Avenue to Hillside Trail.
- **80th Street Frontage Road:** Street portion includes the 80th Street south frontage road from Hemingway Avenue to Hyde Avenue.

Included with this memo is a project location map that highlights the proposed areas.

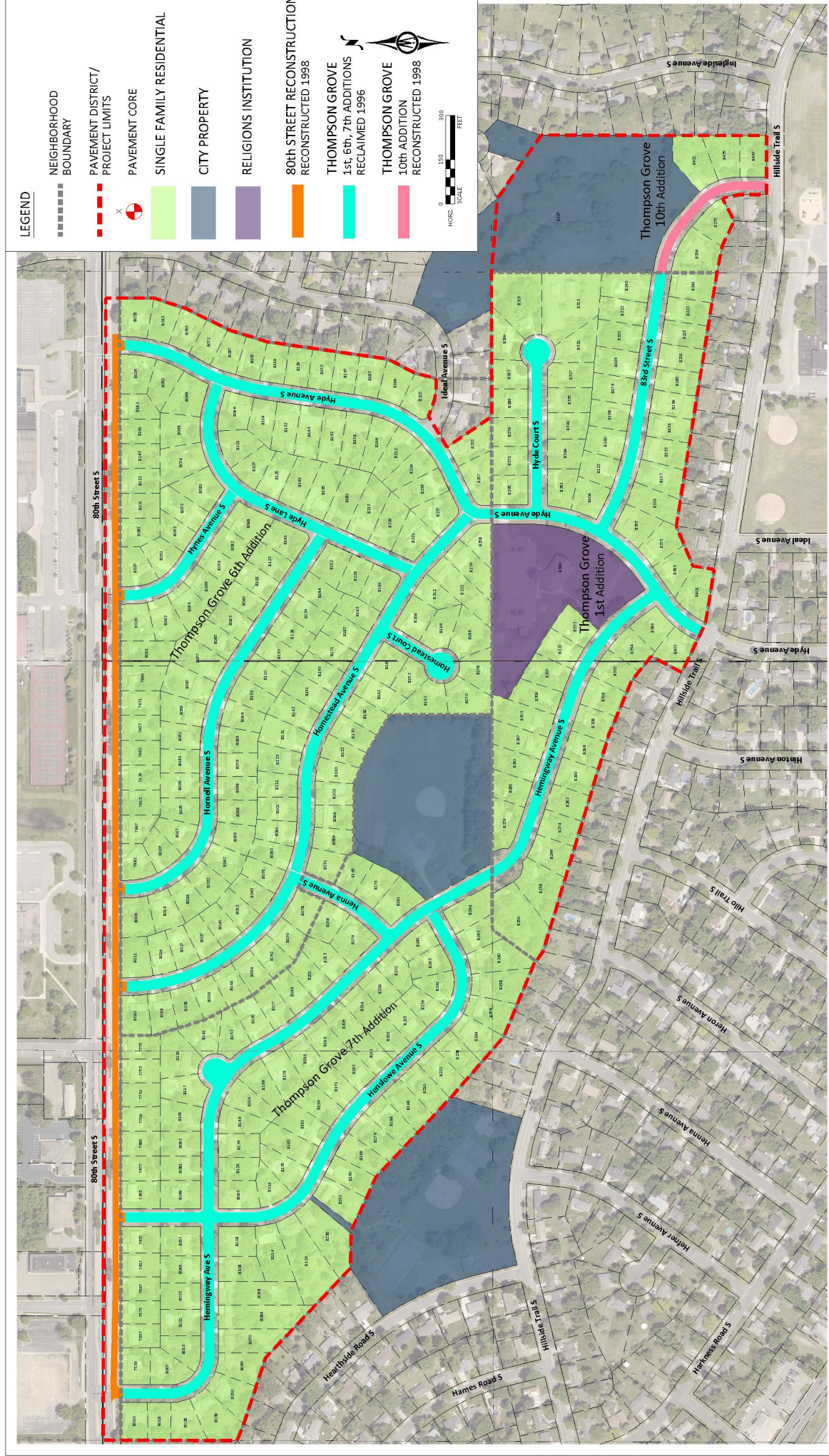
Discussion

The roadways proposed for pavement replacement in 2023 are included due to the age and poor condition of the pavement. The curbs adjacent to these roadways are still structurally sound and only need spot replacement, which will aid in keeping costs lower.

Feasibility Report: The next step in the project development process is the preparation of a feasibility report. It is recommended that the feasibility report be ordered at this time to determine the physical and economic feasibility of providing the necessary public improvements.

Recommendation

It is recommended the City Council adopt a resolution authorizing the preparation of a feasibility report for the 2023 Pavement Management Project for portions of the Thompson Grove Estates Neighborhood and the south 80th Street frontage road from Hemingway Avenue to Hyde Avenue.



CITY OF COTTAGE GROVE, MINNESOTA
CITY COUNCIL
RESOLUTION 2022-129

**RESOLUTION AUTHORIZING THE PREPARATION
OF A FEASIBILITY REPORT FOR THE
2023 PAVEMENT MANAGEMENT PROJECT**

WHEREAS, based upon the City Council's acceptance of the Capital Improvement Plan, the next step in the development process is the preparation of a feasibility report; and

WHEREAS, it is recommended at this time to determine the physical and economic feasibility of providing the necessary public improvements; and

WHEREAS, the City desires to assess the cost of said improvements to all benefitted properties.

NOW THEREFORE BE IT RESOLVED, by the City Council of the City of Cottage Grove, County of Washington, State of Minnesota, that a feasibility report for the 2023 Pavement Management Project be authorized.

Passed this 5th day of October 2022.

Myron Bailey, Mayor

Attest:

Tamara Anderson, City Clerk



City Council Action Request

7L

Meeting Date	10/5/2022	
Department	Public Works	
Agenda Category	Consent Agenda	
Title	2023 Pavement Management Project - Jetting and Televising Quote Award	
Staff Recommendation	Adopt Resolution 2022-134 awarding the 2023 Pavement Management Project – Jetting and Televising project to the accepted quote supplied by Pipe Services, Inc. in the amount of \$39,981.28.	
Budget Implication	\$39,981.28 - Sewer Fund & Stormwater Maintenance Fund	
Attachments	2023 Pavement Mgmt Jetting & Televising CC Memo.tif	3.29MB
	2023 Pavement Mgmt Jetting & Televising Quote Tab.tif	596.28KB
	2023 Pavement Mgmt Jetting & Televising Resolution.tif	2.43MB



To: Honorable Mayor and City Council
Jennifer Levitt, City Administrator

From: Jared Juth, Graduate Engineer

Date: October 5, 2022

Re: 2023 Pavement Management Project - Jetting and Televising Quote Award

Background

As part of the preparation for a pavement management project, the existing sanitary and storm sewer systems must be cleaned and televised to determine their condition. The televising tapes produced from this project will be reviewed by staff to plan sewer maintenance that will take place during road construction. This televising typically occurs in the Fall prior to the year of the project. As such, quotes for the televising of the 2023 Pavement Management project area were received.

Discussion

The area planned for pavement management in 2023 covers approximately 7,750 feet of storm sewer and 18,680 feet of sanitary sewer. Three quotes were received by the City of Cottage Grove to clean and televise these lengths of sewer pipe. The following summarizes the results of the quotes:

<u>Contractor</u>	<u>Quoted Amount</u>
Pipe Services, Inc.	\$39,981.28
Hydro-Vac, Inc.	\$41,046.15
Hydro-Klean, LLC	\$67,994.40

The low quote for the project was provided by Pipe Services, Inc. in the amount of \$39,981.28. An abstract of quotes is attached.

Recommendation

It is recommended the City Council adopt the resolution awarding the 2023 Pavement Management Project – Jetting and Televising project to the accepted quote supplied by Pipe Services, Inc. in the amount of \$39,981.28.



Project Name: 2023 Pavement Management- Jetting and Televising Project

Quote Opening: Thursday, September 22, 2022, at 10 AM

Quote No. 1

Quote No. 2

Quote No. 3

QUOTE TABULATION

Pipe Services, Inc.

Hydro-Vac, Inc.

Hydro-Klean, LLC

Item	Units	Qty.	Unit Price	Total	Unit Price	Total	Unit Price	Total
9" Sanitary Sewer	LF	18302	\$ 1.19	\$ 21,779.38	\$ 1.25	\$ 22,877.50	\$ 1.98	\$ 36,237.96
12" Sanitary Sewer	LF	378	\$ 1.19	\$ 449.82	\$ 1.50	\$ 567.00	\$ 1.98	\$ 748.44
8" Storm Sewer	LF	26	\$ 2.29	\$ 59.54	\$ 1.90	\$ 49.40	\$ 4.00	\$ 104.00
12" Storm Sewer	LF	1244	\$ 2.29	\$ 2,848.76	\$ 1.90	\$ 2,363.60	\$ 4.00	\$ 4,976.00
15" Storm Sewer	LF	572	\$ 2.29	\$ 1,309.88	\$ 1.90	\$ 1,086.80	\$ 4.00	\$ 2,288.00
18" Storm Sewer	LF	2074	\$ 2.29	\$ 4,749.46	\$ 2.40	\$ 4,977.60	\$ 4.00	\$ 8,296.00
21" Storm Sewer	LF	1075	\$ 2.29	\$ 2,461.75	\$ 2.50	\$ 2,687.50	\$ 4.00	\$ 4,300.00
24" Storm Sewer	LF	794	\$ 2.29	\$ 1,818.26	\$ 2.75	\$ 2,183.50	\$ 4.00	\$ 3,176.00
27" Storm Sewer	LF	611	\$ 2.29	\$ 1,399.19	\$ 2.75	\$ 1,680.25	\$ 4.00	\$ 2,444.00
30" Storm Sewer	LF	1323	\$ 2.29	\$ 3,029.67	\$ 2.75	\$ 3,638.25	\$ 4.00	\$ 5,292.00
33" Storm Sewer	LF	33	\$ 2.29	\$ 75.57	\$ 2.95	\$ 97.35	\$ 4.00	\$ 132.00
TOTAL QUOTE			\$	39,981.28	\$	41,046.15	\$	67,994.40

CITY OF COTTAGE GROVE, MINNESOTA
CITY COUNCIL
RESOLUTION 2022-134

**RESOLUTION AWARDING THE 2023 PAVEMENT MANAGEMENT PROJECT-
JETTING AND TELEVISING PROJECT
TO PIPE SERVICES, INC. IN THE AMOUNT OF \$39,981.28.**

WHEREAS, quotes were requested to provide the necessary work for the 2023 Pavement Management Project- Jetting and Televising Project; and

WHEREAS, three firms submitted quotes; and

WHEREAS, it appears that the Pipe Services, Inc. provided the lowest accepted quote; and

WHEREAS, it is the recommendation of the City Engineer that the quote be awarded to Pipe Services, Inc. in the amount of \$39,981.28.

NOW THEREFORE BE IT RESOLVED, by the City Council of the City of Cottage Grove, County of Washington, State of Minnesota, that the 2023 Pavement Management Project- Jetting and Televising Project quote be awarded to Pipe Services, Inc. in the amount of \$39,981.28 and the appropriate officials are hereby authorized to sign all necessary documents to effectuate these actions.

Passed this 5th day of October 2022.

Myron Bailey, Mayor

Attest:

Tamara Anderson, City Clerk



City Council Action Request

7M

Meeting Date 10/5/2022

Department Parks and Recreation

Agenda Category Consent Agenda

Title River Oaks Golf Course Improvements Project

Staff Recommendation Adopt resolution 2022-133 approving plans and specifications and establishing an October 27, 2022, bid date for the River Oaks Golf Course improvement project.

Budget Implication Professional consultant total project estimate - \$2,079,524

Attachments	Council Memo-R Oaks Bid Date.tif	190.38KB
	Resolution - River Oaks Improvement Project.tif	297.1KB
	Plans Specs R Oaks.tif	27.68MB
	River Oaks Specs 100% 220923 Irrigation only_	
	FINAL ISSUED.tif	73.33MB

To: Honorable Mayor and City Council
Jennifer Levitt, City Administrator
From: Zac Dockter, Parks and Recreation Director
CC: Dennis Neitz, River Oaks General Manager
Date: September 29, 2022
Subject: River Oaks Golf Course Improvements Project – Approve Plans & Specifications and Establish Bid Date

Introduction

The River Oaks Golf Course has been in operation since 1991. The original irrigation system has operated beyond life expectancy and is in need of replacement. Council authorized the creation of plans and specifications for the project at its May 4, 2022 regular meeting and authorized bidding. Included in that project proposal were several course improvement efforts such as tee box additions, hole realignments, trail reconstruction, driving range modifications, tree removal and more. The final bid date was August 18, 2022 with the City only receiving one bid on the project. On August 31, 2022 Council rejected all bids via resolution.

Background

After multiple reviews with the project team and industry professionals, staff is recommending that the City bid out an irrigation-specific project. Doing so would remove the aforementioned course improvement modifications proposed in the original bid and focus solely on irrigation system replacement. The master plan will remain on file and staff will look at achieving some of those course improvement projects as funding and/or in-house labor is available. Such improvements would be planned for during regular budgeting processes and golf course operational management.

Total Project Cost Estimate

Given the revised scope of the project, the irrigation consultant Erik Christianson of EC Design Group provides the following estimated total project costs:

Irrigation System Bid (includes professional services)	\$1,695,986
Project Contingency – 5%	\$ 84,799
Pre-purchased Irrigation Heads, Valves, Operating Systems	\$ 298,739
TOTAL PROJECT COSTS	\$2,079,524

**Note on page 54 of bid specifications that professional services are hired back into the bid and paid for directly by the approved contractor for a total of \$44,500.*

***Additional costs have been incurred for professional services to create the master plan on the original bid package. Staff is still finalizing those costs incurred under the original master plan design contract. That figure is not represented above.*

EC Design is confident in the estimate provided for all irrigation parts and installation. However, they recommend a 5% contingency to account for any underground unknowns that may occur during

excavation. Examples might include underground rock or debris that requires excessive hauling/disposal and also requires black dirt purchase/hauling for backfilling. This is specified on page 56 under "Rock Clause" and requires upfront pricing per unit in the bid should the work be incurred.

Project Schedule

In order to promote a favorable bidding environment, staff is recommending the bid allow for project completion by November of 2024. Work could commence as early as 2023 and is estimated to take 150 days to complete. Start and end dates are required in the bid document to assure the City approves of the project timeline.

From previous workshop discussion, the current suggested funding mechanism for this project is:

\$650,000 Water Conservation Fund

\$100,000 Stormwater Utility Fund/SWWD Coordinated Capital Improvement Plan(CCIP)

\$1,330,000 Economic Development Authority Loan

Plans, specifications and bidding procedures are included with this memo. Should Council approve plans and specifications, the bid will be advertised on October 12 and 19 of 2022. The bid will be advertised in the Pioneer Press and Finance & Commerce to meet state statute standards. A bid opening date of 10am on October 27, 2022 is recommended.

Staff Recommendation

Adopt resolution approving plans and specifications and establishing an October 27, 2022 bid date for the River Oaks Golf Course improvement project.

RESOLUTION NO. 2022-133

**RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND
ESTABLISHING A BID DATE FOR THE RIVER OAKS GOLF COURSE
IMPROVEMENTS PROJECT**

WHEREAS, plans and specifications have been prepared in accordance with the City standards and specifications for the River Oaks Golf Course Improvement Project,

WHEREAS, a bid date has been established for October 27, 2022

WHEREAS, the Parks and Recreation Director has presented such plans and specifications to the City Council for approval.

NOW THEREFORE BE IT RESOLVED, by the City Council of the City of Cottage Grove, County of Washington, State of Minnesota, approves the plans and specifications and establishes a bid date of October 27, 2022, for the River Oaks Golf Course Improvement Project.

Passed this 5th day of October 2022.

Myron Bailey, Mayor

Attest:

Tammy Anderson, City Clerk

RIVER OAKS GOLF COURSE

SHEET	DESCRIPTION
LI-0	COVER
LI-1	IMPACT COVERAGE PLAN
LI-2	HYDRAULIC PIPING PLAN
LI-3	ELECTRICAL SCHEMATIC PLAN
LI-4	SITE IRRIGATION PLAN
LI-5	IRRIGATION DETAILS
LI-6	PUMP DETAILS



NOTE:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW OF THE ABOVE AND ANY OTHER PLANS THAT PERTAIN TO THE COORDINATION OF THE IRRIGATION CONSTRUCTION, WHETHER THEY BE NOTED OR NOT.

2. IRRIGATION PLANS AND SPECIFICATIONS ARE DIAGRAMMATIC IN NATURE AND ARE NOT A LIST OF INSTRUCTIONS FOR CONSTRUCTION, BUT RATHER TO ILLUSTRATE A DESIGN INTENT. THEREFORE ANY AND ALL CHANGES, CONFLICTS, DISCREPANCIES, OMISSIONS, AND QUESTIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE SAID IRRIGATION CONSULTANT DURING THE BIDDING AND CONSTRUCTION PERIOD IN WRITING.



PROJECT
COVER
DATE
09/23/2022
SHEET #
LI-0

RIVER OAKS GOLF COURSE
COTTAGE GROVE, MN

REVISIONS

1

2

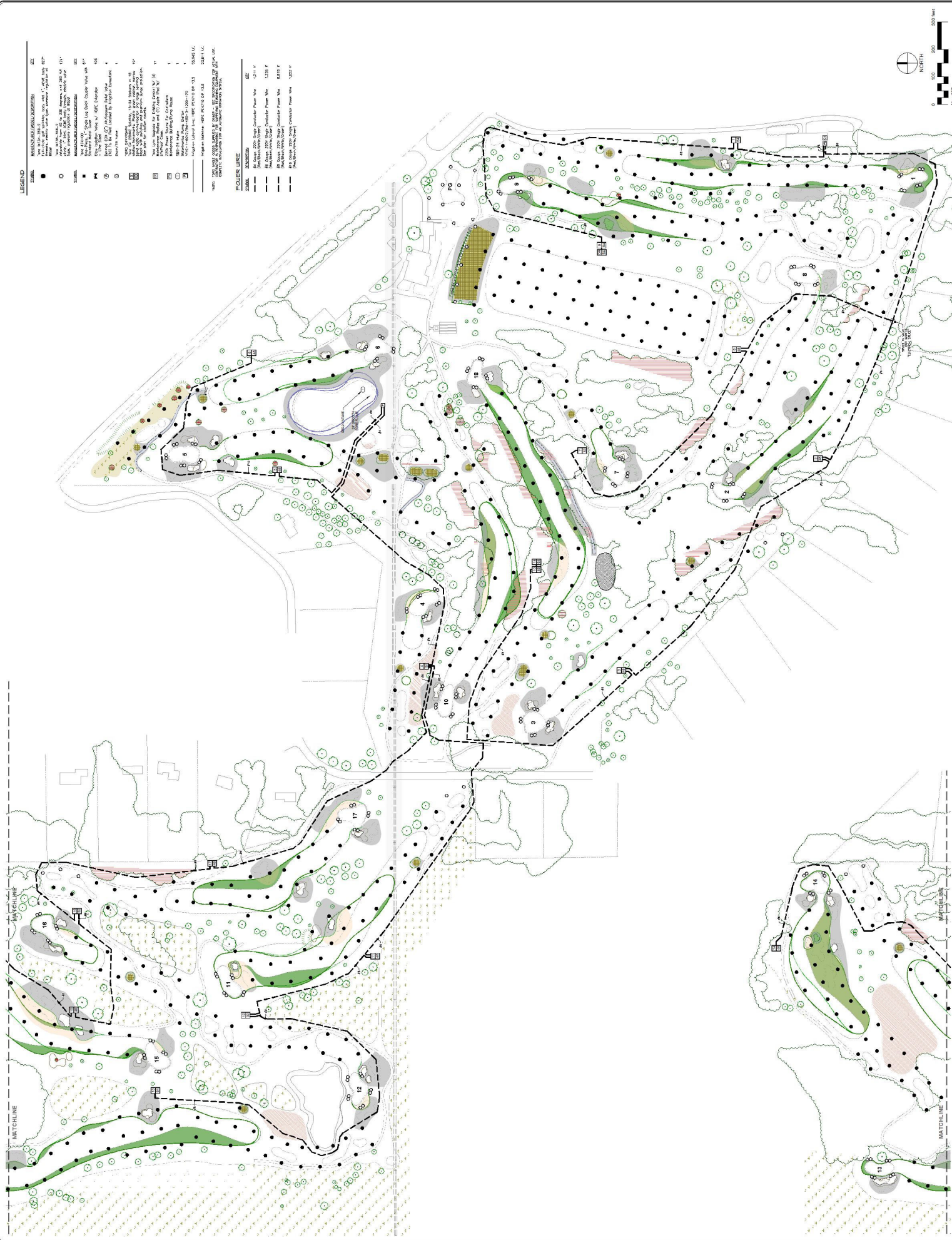
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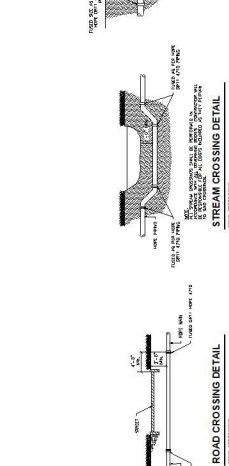
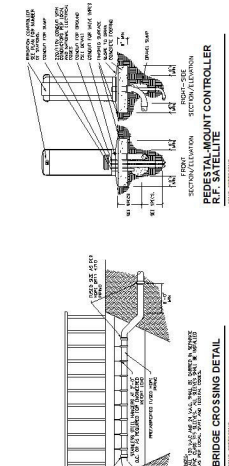
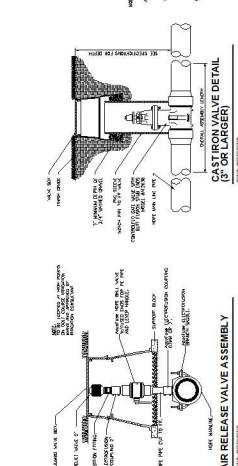
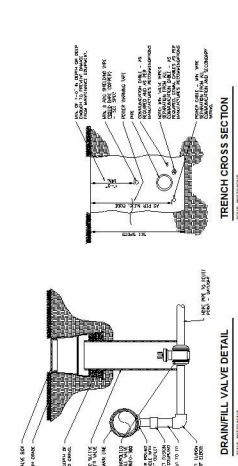
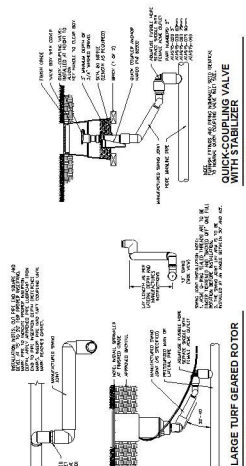
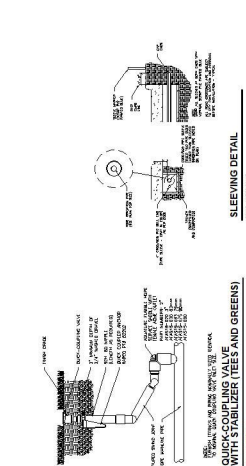








LEGEND



DESIGN NOTES:

PLUMBING NOTES:

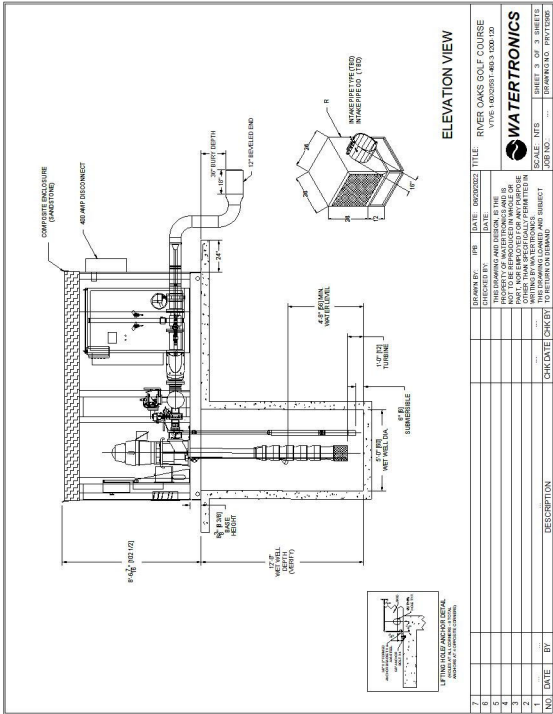
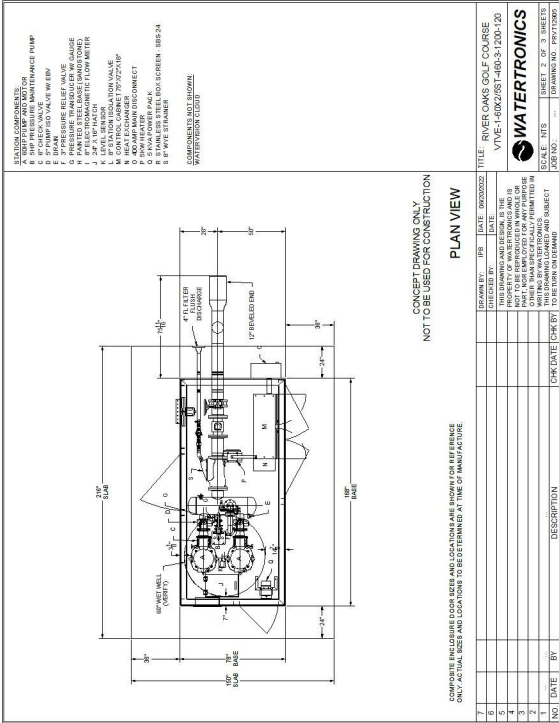
ELECTRICAL NOTES

3. ALL 24 VAC. SECONDARY WIRING SHALL BE (RED) #14 HOT
AND (WHITE) #12 COMMON. (ONE WIRE PER HEAD) TO ACCOMMODATE
4. ALL WIRE SHALL HAVE ENOUGH SLACK AS TO ACCOMMODATE
FOR EXPANSION AND/OR CONTRACTION.

5. ALL WIRE TO BE U.S. APPROVED FOR DIRECT BURIAL,
#14, 220 VAC. PRIMARY, AND SECONDARY POWER TO BE
INSTALLED AS PER STATE AND LOCAL CODES. SIZED AS PER PLAN
REQUIREMENTS.

6. ONE SPARE HOT WIRING (#14) TO EACH GREEN AND THE
COMPLY AND MARKED AS SPARE (BLUE IN COLOR)

PROGRAMMING NOTES:



INITIAL DATA	
NET WEIGHT (LBS)	850*
MAXIMUM WEIGHT - 75° F	75° F
MAXIMUM WEIGHT - 125° F	125° F
MAXIMUM WEIGHT - 150° F	150° F
MAXIMUM WEIGHT - 175° F	175° F
MAXIMUM WEIGHT - 200° F	200° F
MAXIMUM WEIGHT - 225° F	225° F
MAXIMUM WEIGHT - 250° F	250° F
MAXIMUM WEIGHT - 275° F	275° F
MAXIMUM WEIGHT - 300° F	300° F
MAXIMUM WEIGHT - 325° F	325° F
MAXIMUM WEIGHT - 350° F	350° F
MAXIMUM WEIGHT - 375° F	375° F
MAXIMUM WEIGHT - 400° F	400° F
MAXIMUM WEIGHT - 425° F	425° F
MAXIMUM WEIGHT - 450° F	450° F
MAXIMUM WEIGHT - 475° F	475° F
MAXIMUM WEIGHT - 500° F	500° F
MAXIMUM WEIGHT - 525° F	525° F
MAXIMUM WEIGHT - 550° F	550° F
MAXIMUM WEIGHT - 575° F	575° F
MAXIMUM WEIGHT - 600° F	600° F
MAXIMUM WEIGHT - 625° F	625° F
MAXIMUM WEIGHT - 650° F	650° F
MAXIMUM WEIGHT - 675° F	675° F
MAXIMUM WEIGHT - 700° F	700° F
MAXIMUM WEIGHT - 725° F	725° F
MAXIMUM WEIGHT - 750° F	750° F
MAXIMUM WEIGHT - 775° F	775° F
MAXIMUM WEIGHT - 800° F	800° F
MAXIMUM WEIGHT - 825° F	825° F
MAXIMUM WEIGHT - 850° F	850° F
MAXIMUM WEIGHT - 875° F	875° F
MAXIMUM WEIGHT - 900° F	900° F
MAXIMUM WEIGHT - 925° F	925° F
MAXIMUM WEIGHT - 950° F	950° F
MAXIMUM WEIGHT - 975° F	975° F
MAXIMUM WEIGHT - 1000° F	1000° F
MAXIMUM WEIGHT - 1025° F	1025° F
MAXIMUM WEIGHT - 1050° F	1050° F
MAXIMUM WEIGHT - 1075° F	1075° F
MAXIMUM WEIGHT - 1100° F	1100° F
MAXIMUM WEIGHT - 1125° F	1125° F
MAXIMUM WEIGHT - 1150° F	1150° F
MAXIMUM WEIGHT - 1175° F	1175° F
MAXIMUM WEIGHT - 1200° F	1200° F
MAXIMUM WEIGHT - 1225° F	1225° F
MAXIMUM WEIGHT - 1250° F	1250° F
MAXIMUM WEIGHT - 1275° F	1275° F
MAXIMUM WEIGHT - 1300° F	1300° F
MAXIMUM WEIGHT - 1325° F	1325° F
MAXIMUM WEIGHT - 1350° F	1350° F
MAXIMUM WEIGHT - 1375° F	1375° F
MAXIMUM WEIGHT - 1400° F	1400° F
MAXIMUM WEIGHT - 1425° F	1425° F
MAXIMUM WEIGHT - 1450° F	1450° F
MAXIMUM WEIGHT - 1475° F	1475° F
MAXIMUM WEIGHT - 1500° F	1500° F
MAXIMUM WEIGHT - 1525° F	1525° F
MAXIMUM WEIGHT - 1550° F	1550° F
MAXIMUM WEIGHT - 1575° F	1575° F
MAXIMUM WEIGHT - 1600° F	1600° F
MAXIMUM WEIGHT - 1625° F	1625° F
MAXIMUM WEIGHT - 1650° F	1650° F
MAXIMUM WEIGHT - 1675° F	1675° F
MAXIMUM WEIGHT - 1700° F	1700° F
MAXIMUM WEIGHT - 1725° F	1725° F
MAXIMUM WEIGHT - 1750° F	1750° F
MAXIMUM WEIGHT - 1775° F	1775° F
MAXIMUM WEIGHT - 1800° F	1800° F
MAXIMUM WEIGHT - 1825° F	1825° F
MAXIMUM WEIGHT - 1850° F	1850° F
MAXIMUM WEIGHT - 1875° F	1875° F
MAXIMUM WEIGHT - 1900° F	1900° F
MAXIMUM WEIGHT - 1925° F	1925° F
MAXIMUM WEIGHT - 1950° F	1950° F
MAXIMUM WEIGHT - 1975° F	1975° F
MAXIMUM WEIGHT - 2000° F	2000° F
MAXIMUM WEIGHT - 2025° F	2025° F
MAXIMUM WEIGHT - 2050° F	2050° F
MAXIMUM WEIGHT - 2075° F	2075° F
MAXIMUM WEIGHT - 2100° F	2100° F
MAXIMUM WEIGHT - 2125° F	2125° F
MAXIMUM WEIGHT - 2150° F	2150° F
MAXIMUM WEIGHT - 2175° F	2175° F
MAXIMUM WEIGHT - 2200° F	2200° F
MAXIMUM WEIGHT - 2225° F	2225° F
MAXIMUM WEIGHT - 2250° F	2250° F
MAXIMUM WEIGHT - 2275° F	2275° F
MAXIMUM WEIGHT - 2300° F	2300° F
MAXIMUM WEIGHT - 2325° F	2325° F
MAXIMUM WEIGHT - 2350° F	2350° F
MAXIMUM WEIGHT - 2375° F	2375° F
MAXIMUM WEIGHT - 2400° F	2400° F
MAXIMUM WEIGHT - 2425° F	2425° F
MAXIMUM WEIGHT - 2450° F	2450° F
MAXIMUM WEIGHT - 2475° F	2475° F
MAXIMUM WEIGHT - 2500° F	2500° F
MAXIMUM WEIGHT - 2525° F	2525° F
MAXIMUM WEIGHT - 2550° F	2550° F
MAXIMUM WEIGHT - 2575° F	2575° F
MAXIMUM WEIGHT - 2600° F	2600° F
MAXIMUM WEIGHT - 2625° F	2625° F
MAXIMUM WEIGHT - 2650° F	2650° F
MAXIMUM WEIGHT - 2675° F	2675° F
MAXIMUM WEIGHT - 2700° F	2700° F
MAXIMUM WEIGHT - 2725° F	2725° F
MAXIMUM WEIGHT - 2750° F	2750° F
MAXIMUM WEIGHT - 2775° F	2775° F
MAXIMUM WEIGHT - 2800° F	2800° F
MAXIMUM WEIGHT - 2825° F	2825° F
MAXIMUM WEIGHT - 2850° F	2850° F
MAXIMUM WEIGHT - 2875° F	2875° F
MAXIMUM WEIGHT - 2900° F	2900° F
MAXIMUM WEIGHT - 2925° F	2



October 6, 2022

Project Manual

River Oaks Golf Course Irrigation System

City of Cottage Grove, Minnesota

SECTION 00 01 10

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RIVER OAKS GOLF COURSE IRRIGATION SYSTEM Project Manual

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ADVERTISEMENT FOR BIDS

Bids shall be placed in a sealed envelope and **labeled River Oaks Golf Course Bid** and delivered to the City of Cottage Grove at 12800 Ravine Parkway S. Cottage Grove, MN 55016. All bids shall be received prior to **10:00 am on Tuesday, October 27, 2022** at which time they will be reviewed for the furnishing of labor, materials, and all else necessary for the following:

Digital copies of the Contract Documents can be obtained by emailing EC Design Group at lisa@ecdesigngroup.com

Bids shall be accompanied by a ten percent (10%) Bid Bond or a certified check or cashier's check in an amount equal to at least five percent (5%) of the total gross bid, the same to be issued by a solvent bank authorized to operate in Minnesota and made payable to the City of Cottage Grove, Minnesota. The bid bond, payable to the City of Cottage Grove, shall be forfeited as liquidated damages in the event that the bid is accepted and the bidder shall fail to promptly enter into a written contract and furnish the required bond.

Since this is a unique type of construction requiring specialized experience and equipment, only General Construction Bidders having prior experience on golf course irrigation projects will be considered. The contractor or individual responsible for installation of the irrigation system shall have a minimum of twelve (12) years of experience installing golf course irrigation systems of comparable size including the installation of at least three (3) complete nine-hole golf course irrigation systems within the past three (3) years.

This project is not subject to Minnesota Department of Labor and Industry Prevailing Wage and Truck Rental Rates.

Dated this 6th day of October 2022.

Jennifer Levitt, City Administrator
City of Cottage Grove, Minnesota

Section 00 21 13

INFORMATION FOR BIDDERS

River Oaks Golf Course Irrigation

1. DATE OF RECEIVING BIDS

Bids shall be placed in a sealed envelope and **labeled River Oaks Golf Course Bid** and delivered to the City of Cottage Grove at 12800 Ravine Parkway S. Cottage Grove, MN 55016. All bids shall be **received prior to 10:00 am on Tuesday, October 27, 2022** at which time they will be reviewed for the furnishing of labor, materials, and all else necessary for the following:

2. BIDS.

Each bid shall be legibly written or printed in ink on the form provided in this copy of proposed contract documents. No alterations in bids, or in the printed forms therefor, by erasures, interpolations, or otherwise will be acceptable unless each such alteration is signed or initialed by the bidder; if initialed, the Owner may require the bidder to identify any alteration so initialed. No alteration in any bid, or in the form on which it is submitted, shall be made after the bid has been submitted. All addenda to the contract documents, properly signed by the bidder, shall accompany the bid when submitted.

The bid form shall be completed in its entirety including and irrigation bid and a golf course improvements bid. If the Prime Contractor cannot complete all work outlined in the specifications, they may utilize subcontractors to complete the work. The Questionnaire and forms shall be completed for all items applicable to the section's bid.

3. DESCRIPTION OF WORK

Work includes installation of an underground irrigation system at River Oaks Golf Course, 11099 South Highway 61, Cottage Grove, MN 55016.

4. CONTRACT DOCUMENTS

Contract Documents consist of those documents as listed in Section 1 of the General Conditions of the Contract. The form of these documents is on file in the office of the Park & Recreation Department.

5. TIME SCHEDULE AND COMPLETION DATES

Two possible schedules may be considered:

Option One - 2023:

The Contractor shall commence construction beginning July 10, 2023. All Irrigation installation work shall be completed by November 10, 2023 which shall be known as the Substantial Completion Date or within such extra time as may have been allowed by increases by formally approved extensions granted by the Owner. Final completion shall be November 17, 2023 at which time all work including clean-up and repair of haul roads, etc. shall be complete.

Option Two - 2024:

The Contractor shall commence construction beginning July 8, 2024. All Irrigation installation work shall be completed by November 8, 2024 which shall be known as the Substantial Completion Date or within such extra time as may have been allowed by increases by formally approved extensions granted by the Owner. Final completion shall be November 15, 2024 at which time all work including clean-up and repair of haul roads, etc. shall be complete.

All work under this contract shall be completed in accordance with the substantial completion and final completion dates stated in the Special Provisions of the Contract Documents.

The Project will be considered complete when all work called for in the Contract Documents has been completed and approved by the Owner's Representative.

6. WITHDRAWAL OF BIDS

Proposals may be withdrawn any time previous to the time stated for opening bids, but no Proposal may be withdrawn for a period of thirty (30) days after the time indicated for the receipt of bids.

7. PRE-BID MEETING

None.

8. QUESTIONS & SITE VISIT

All questions regarding the project bid requirements shall be directed, in writing, to EC Design at lisa@ecdesigngroup.com and shall be submitted in writing prior to 3:00 pm on Thursday, October 22, 2022. Bidder questions shall be answered on or before 12:00 noon on Friday, October 23, 2022. No bidder questions will be addressed after 3:00 pm on Thursday, October 22, 2022.

Bidders are also encouraged to arrange a site visit to familiarize themselves with the site and work conditions. Site visits may be pre-arranged by contacting the Golf Course Superintendent. No unannounced site visits will be allowed. Contact information is:

Joel Hansen, Superintendent
Email: jhanson@cottagegrovemn.gov
Phone: (651)307-1326

Bidders shall refrain from discussing project scope or bid requirements with golf course employees or City staff.

9. EXAMINATION OF SITE AND CONTRACT DOCUMENTS

Bidders are expected to make a thorough examination of the site of the work prior to submitting a proposal. It is the Bidder's responsibility to become familiar with obstacles which may be encountered and other local conditions affecting the execution of the work.

Bidders must satisfy themselves by personal examination of the Contract Documents and by such other means as they prefer as to the accuracy of the quantities of work to be performed, the intent of the Contract Documents, and the requirements of the Owner and manufacturer. The successful Bidder must employ, as far as possible, the methods and means of carrying out the work in a manner as will not cause any interference or interruption with the work of others or the operations of the Owner.

Submission of a Proposal shall be considered prima facie evidence that the Bidder is thoroughly familiar with the conditions to be encountered, the character, quality and quantity of the work to be performed, materials to be furnished, and the requirements of the Contract Documents. After the opening of the Proposal by the Owner, no claim for additional compensation due to the Bidder's misunderstanding of the intent of the Owner or the Contract Documents nor failure to acquire information necessary for the intelligent preparation of the Proposal will be entertained.

The Contractor shall cooperate with all utility companies and shall coordinate scheduling and phasing of work.

10. INADEQUACIES, OMISSIONS, CONFLICTS

Any verbal information obtained from or statement made by representatives of the Owner upon examination of the Contract Documents or the site, for the purpose of bidding, which apparently corrects or in any way amends the Contract Documents, shall be invalid. The Owner will not be responsible for such verbal information or statements.

Bidders shall bring any inadequacies, omissions, or conflicts to the Owner's attention at least seven (7) days before the due date for bids. Prompt clarification will be supplied to all Bidders by Addenda, and each Addendum shall be acknowledged on the Proposal Form. Failure to so request clarification of any inadequacy, omissions, or conflicts will not relieve the Bidder of responsibility. The signing of the Proposal will be considered as implicitly denoting that the Bidder has a thorough comprehension of the full intent and scope of the Contract Documents.

11. MODIFICATIONS TO CONTRACT DOCUMENTS

The Owner reserves the right to modify the Contract Documents at any time prior to the opening of bids, subject to the following conditions:

Such modification will be made by Addendum, duly numbered and dated.

Such Addendum will be attached to all Proposals issued after the date of the Addendum and shall remain a part thereof.

If Addenda are issued, Bidders shall acknowledge receipt thereof on the Proposal Form. Failure to do so may be cause for rejection of any such Proposal.

12. SUBSTITUTION OF MATERIALS

Should a Bidder propose to substitute materials other than those specified herein, said materials must be found acceptable and approved by the Owner, in writing, seven (7) calendar days prior to the opening of bids. Otherwise, it is understood that the Bidder shall furnish materials exactly as specified.

13. QUALIFICATIONS OF BIDDERS

The Owner may require Bidders to submit evidence that they have practical knowledge of the particular work bid upon and that they have the financial resources to complete the proposed work. Failure on the part of any Bidder to carry out previous contracts satisfactorily, or his/her lack of experience or equipment necessary for the satisfactory and timely completion of this Project, may be deemed sufficient cause for disqualification of said Bidder. The Owner reserves the right to reject any bid where an investigation of the available evidence or information does not satisfy the Owner that the Bidder is qualified to carry out properly the terms of the Contract. The Owner's decision as to qualifications of the Bidder shall be final.

Since this is a unique type of construction requiring specialized experience and equipment, only bidders having prior experience on golf course irrigation projects will be considered. The contractor or individual responsible for installation of the irrigation system shall have a minimum of twelve (12) years of experience installing golf course irrigation systems of comparable size including the installation of at least three (3) complete eighteen-hole golf course irrigation systems within the past three (3) years.

14. PROPOSAL SUBMITTAL

Bids shall be submitted upon the Proposal Forms attached hereto,

The bid prices indicated on the Proposal Form shall be in decimal form: i.e. dollars and cents. Errors in extension may be corrected by the Owner providing that the unit cost is legible and can be definitely identified as complying with the item specified. The total bid shall be adjusted in accordance with approved extension corrections. An extension may not be divided by number of units specified to determine a unit cost, if such is omitted by the Bidder. It is the responsibility of the Bidder to submit a neat, accurate and complete Proposal Form if his/her bid is to be accepted.

All computations in a unit price bid will be checked by the Owner and corrections made where any error in computation is found. The corrected figures will then be used to determine the total of that bid.

Bidders shall not stipulate on the Proposal Form any additional conditions regarding the construction or Award of Contract.

Bidders must **submit a fully executed Affidavit of Responsible Contractor form** with their bid. Bids which do not include the Affidavit of Responsible Contractor form shall be rejected as non-conforming.

BIDDERS ARE CAUTIONED TO CHECK THEIR PROPOSAL FORMS CAREFULLY BEFORE SUBMITTING, AS NO CLAIM FOR ERROR IN THE SAME WILL BE CONSIDERED AFTER THE BIDS HAVE BEEN OPENED.

15. BID AND CONTRACT SECURITY

A certified check or satisfactory Bid Bond payable to the Owner in an amount of not less than five (5) percent of the bid shall accompany each bid as a guarantee that, if the bid is accepted, the Bidder will execute and file the Contract, Performance Bond, Public Contractors (Payment) Bond, and Insurance Certificate(s), as required by the Contract Documents, within ten (10) days after receipt of the Notice of Award of Contract by Owner.

The Bidder to whom a Contract is awarded will be required to furnish the Payment Bond and Performance Bond to the Owner, each in an amount equal to one hundred percent (100%) of the Contract Price. The bonds shall be executed by a Surety Company authorized to do business in the State of Minnesota and acceptable as Surety to the Owner.

16. LABOR AND WAGES

Each Contractor or Subcontractor performing work on this Project shall comply in all respects with all laws governing the employment of labor, Social Security, Unemployment Insurance, Occupational Safety and Health (OSHA), etc., of both the State and Federal Government. There is **NOT** a prevailing wage requirement for this project.

17. RIGHT TO ACCEPT OR REJECT BIDS

The Owner reserves the unqualified right, in its sole and absolute discretion, to reject all bids or any bid, or to waive any irregularities in any bid, or to accept any bid which will best serve the interests of the Owner.

A bid which has not been prepared according to the instructions contained herein of which does not contain a unit price which is both adequate and reasonable for each and every item named in the Proposal Form may be considered irregular and subject to rejection. Unbalanced bids are subject to rejection.

More than one Proposal from an individual, firm, partnership, or corporation under the same or different names will not be considered. Evidence that any Bidder is interested in more than one Proposal for the same work will constitute cause for rejection of all such proposals. Collusion between the Bidders will be considered sufficient cause for the rejection of all bids so affected.

A bid Proposal may be disqualified because of errors in computation which cannot be resolved by mathematical correction without resorting to information not contained in the bids.

18. AWARD OF CONTRACT

The Owner reserves the right to retain the deposits of the 3 lowest Bidders for a period not to exceed 60 days after the date and time set for the Opening of Bids. No Bids may be withdrawn for a period of 30 days after the date and time set for the Opening of Bids.

The bid opening is available to the public but no awards will be made immediately upon opening bids nor until the bids opened can be tabulated, scheduled, and reviewed by the Owner. The Contract shall be awarded by Owner action, and the Bidder to whom award of Contract is made will be notified at the earliest possible date.

Award of Contract will be made to the lowest responsible Bidder(s) as determined by the Owner. On lump sum contracts, the low bid shall be the low base bid. On bids including alternate(s), Owner may award the Contract based on the base bid or any combination of base bid and alternate(s). Contract award to the lowest responsible bidder shall be based on, but is not necessarily limited to, the factors of price and the Owner's evaluation of the vendor's ability to service the City.

When Owner issues a Notice of Award to the successful Bidder, it shall be accompanied by the unexecuted counterparts of the Agreement along with the other Contract Documents as identified in the Agreement. Within fifteen (15) days thereafter, the successful Bidder shall execute and deliver the required number of counterparts of the Agreement (including any bonds and insurance).

The Owner reserves the right to reject any or all bids and to waive minor items, informalities, defects or technicalities in any or all bids.

19. COMPARISON OF BIDS

Comparison of bids will be based on the base bid amount as well as the alternate prices provided by the Bidder.

END OF SECTION

AFFIDAVIT OF RESPONSIBLE CONTRACTOR

State of Minnesota)
) SS
County of _____)

I hereby swear (or affirm) under the penalty for perjury at the time of submitting a prime contractor bid for City Project No. 2022-124, River Oaks Golf Course Improvements and Irrigation System (“Project”) to the City of Cottage Grove:

1. That I am a contractor within the meaning of MINN. STAT. § 16C.285, subd 1(c);
2. That I am in compliance with worker’s compensation and unemployment insurance requirements;
3. That I am currently registered with the Department of Revenue and the Department of Employment and Economic Development;
4. That I have a valid Federal Tax Identification Number;
5. That if I am a foreign corporation or cooperative, I have filed a Certificate of Authority to transact business in Minnesota with the Secretary of State;
6. That I am in compliance with and since July 1, 2014 or a three-year period before submitting this verification, whichever is shorter (“Applicable Period”), have not violated Minn. Stat. §§ 177.24, 177.25, 177.41 – 177.44, 181.13, 181.14 or 181.722, and have not violated United States Code, title 29, sections 201 to 219, or United States Code, title 40, sections 3141 to 3148. For purposes of this clause, a violation occurs when a contractor or related entity:
 - i. Repeatedly fails to pay statutorily required wages or penalties on one or more separate projects for a total underpayment of \$25,000 or more within the Applicable Period, provided that a failure to pay is “repeated” only if it involves two or more separate and distinct occurrences of underpayment during the Applicable Period;
 - ii. Has been issued an order to comply by the commissioner of labor and industry that has become final;
 - iii. Has been issued at least two determination letters within the Applicable Period by the Department of Transportation finding

- an underpayment by the contractor or related entity to its own employees;
- iv. Has been found by the commissioner of labor and industry to have repeatedly or willfully violated any of the sections referenced in this clause pursuant to Minn. Stat. § 177.27;
 - v. Has been issued a ruling or findings of underpayment by the administrator of the Wage and Hour Division of the United States Department of Labor that have become final or have been upheld by an administrative law judge or the Administrative Review Board; or
 - vi. Has been found liable for underpayment of wages or penalties or misrepresenting a construction worker as an independent contractor in an action brought in a court having jurisdiction.
7. That I am in compliance with and, during the Applicable Period before submitting the verification, have not violated Minn. Stat. § 181.723 or Minn. Stat. Ch. 326B. For purposes of this clause, a violation occurs when a contractor has been issued a final administrative or licensing order;
 8. That I have not received a final determination assessing a monetary sanction from the Department of Administration or Transportation for failure to meet targeted group business, disadvantaged business enterprise, or veteran-owned business goals, due to a lack of good faith effort, more than once during the Applicable Period before submitting the verification;
 9. That I am not currently suspended or debarred by the federal government or the state of Minnesota or any of its departments, commissions, agencies, or political subdivisions that have authority to debar a contractor;
 10. That the following consists of a list of first-tier subcontractors that I intend to retain for work on the Project:
 - i.
 - ii.
 - iii.
 - iv.
 11. That I will submit to the City a supplemental verification under oath confirming compliance with Minn. Stat. § 16C.285, subdivision 3, clause (7) upon being determined the apparent successful prime contractor as a condition precedent to execution of the construction contract with the City for the Project.

Firm (Contractor/Bidder) Name _____

Signed _____

(Owner or Officer)

Printed Name by Owner or Officer: _____

Title: _____

Bidder's E.I. Number: _____
(Number used on Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941)

Subscribed and sworn to before me this _____ day of _____, 20____.

(SEAL)

Notary Public

END OF SECTION

SECTION 00 52 10 AGREEMENT FORM

CITY OF COTTAGE GROVE, MINNESOTA AGREEMENT FOR PROJECT 2022-124, RIVER OAKS GOLF COURSE IMPROVEMENTS AND IRRIGATION SYSTEM

THIS AGREEMENT, made this _____ day of _____, 2022, by and between the City of Cottage Grove, hereinafter called "City", and _____, hereinafter called "Contractor";

WITNESSETH, that the City and the Contractor, for the consideration hereinafter stated, agree as follows:

ARTICLE I SERVICES TO BE PERFORMED

Contractor hereby covenants and agrees to provide all labor, equipment and material required to complete the River Oaks Golf Course Irrigation System Replacement ("Project") in accordance with the Contract Documents identified at paragraph 1.1 of the General Conditions (the "Work").

The General Conditions and all Contract Documents referenced therein are incorporated herein by reference.

ARTICLE II CONTRACTOR'S REPRESENTATIONS

In order to induce the City to enter into this Agreement, Contractor makes the following representations:

- A. Contractor is familiar with the nature and extent of the Contract Documents, Work, site, locality, and all local conditions and laws and regulations that in any manner may affect cost, progress, performance or furnishing of the Work.
- B. Contractor has studied carefully all reports of explorations and tests of subsurface conditions and drawings of physical conditions, which, if provided, are identified in the Contract Documents.
- C. Contractor has reviewed and checked all information and data shown or indicated in the Contract Documents with respect to existing underground facilities at or contiguous to the site and assumes responsibility for the accurate location of said underground facilities. No additional examinations, investigations, explorations, tests, reports, studies, or similar information or data in respect of said underground facilities are or will be required by Contractor in order to perform and furnish the

Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents.

- D. If the Contract Price defined in Article IV herein exceeds \$50,000.00, and the Work is associated with building, erection, construction, alteration, remodeling, demolition, or repair of buildings, real property, highways, roads, bridges, or other construction work, Contractor is a “responsible contractor” pursuant to paragraph 1.8 of the General Conditions and the Minnesota Statutes cited therein.

ARTICLE III **COMPLETION DATE**

Contractor agrees that the Work shall be fully and satisfactorily completed on or before the date (“Contract Time”) shown on the Special Provisions for the Project.

ARTICLE IV **CHANGE ORDERS**

Any change to the Work specified by this Agreement shall only be made in writing pursuant to terms and procedures set forth in Section 6 of the General Conditions. No claim for additional charges will be considered by the City if not processed pursuant to Section 6 of the General Conditions.

ARTICLE V **PAYMENT**

City agrees to pay Contractor for completion of the Work in accordance with Section 5 of the General Conditions, the aggregate amount of which is \$_____ (“Contract Price”).

ARTICLE VI **CONTRACTOR’S OBLIGATIONS TO SUBCONTRACTORS**

Contractor shall pay any subcontractor in accordance with paragraph 5.4 of the General Conditions.

ARTICLE VII **PAYMENT BOND**

Contractor agrees to pay all persons furnishing labor, supplies, equipment, space, or material to Contractor in and about the performance of this Agreement, these persons to be paid first out of the amount due Contractor, its agents, or assigns. This Agreement shall not be in effect until Contractor shall have executed and delivered to the City Clerk a payment bond executed by a corporate surety company with an AM Best rating of A or better authorized to do business in the State of Minnesota in the sum of the Contract Price or other collateral satisfactory to the City to indemnify the City against any lien.

ARTICLE VIII
PERFORMANCE BOND

This Agreement shall not be in effect until Contractor shall have executed and delivered to the City Clerk a performance bond executed by a corporate surety company with an AM Best rating of A or better authorized to do business in the State of Minnesota in the sum of the Contract Price to secure the faithful performance of this Agreement by said Contractor conditioned that Contractor shall well and truly perform and carry out the covenants, terms and conditions of this Agreement in strict accordance with its provisions.

ARTICLE IX
INSURANCE

Contractor shall not commence the Work until it has obtained all insurance required under this article and shall have filed a certificate of insurance or a certified copy of the insurance policy with the City. Certificates of insurance shall be submitted on Standard Form C.I.C.C.-701 or ACORD 25 forms. Each insurance policy shall contain a clause providing that it shall not be canceled by the insurance company without thirty (30) calendar days written notice of its intent to cancel or non-renewal, and not less than ten (10) calendar days advance written notice for nonpayment of premium. The certificate of insurance shall contain the following language in the description of operations section of the certificate of insurance form or in the additional remedies schedule to the certificate of insurance form: "Each of the above described policies is so endorsed requiring the City to be provided thirty (30) calendar days written notice to the City of the intent to cancel or non-renewal, and not less than ten (10) calendar days advance written notice for nonpayment of premium" ("Required Language"). If the producer or insurer(s) identified on the certificate of insurance refuse to provide the Required Language on the certificate of insurance form or on the additional remedies schedule, Contractor shall: (a) provide the City with a copy of the notice of cancellation endorsement documents for each policy that meet these requirements along with the certificate of insurance; and (b) provide the City with a copy of the insurer's cancellation notice within two (2) calendar days of receipt.

Minimum requirements:

A. Worker's compensation insurance as may be required by law.

B. Employer's liability insurance with minimum limits as follows:

Bodily Injury by Disease	-\$500,000 per person
Bodily Injury by Disease	-\$500,000 general aggregate
Bodily Injury by Accident	-\$500,000 general aggregate

C. Contractor's commercial general and automobile liability insurance, including coverage for non-owned and hired vehicles, in limits as follows:

General Liability	- \$1,000,000 each occurrence
	- \$2,000,000 aggregate

Automobile Liability

- \$1,000,000 combined single limit for
bodily injury and property damage

- D. The City and those property owners, if any, from whom temporary construction easements were obtained shall be listed as an additional insured on the above policies. Names of the property owners, along with other required information, will be provided to the successful bidder after the Project has been awarded.
- E. In addition to all listed coverages, Contractor shall procure and maintain an Umbrella or Excess liability policy in a minimum limit of \$2,000,000.

Losses other than those covered by insurance shall be Contractor's sole responsibility. The insurance requirements as set forth herein shall be considered to be minimum requirements only. Any other insurance that may be necessary to provide adequate coverage must be provided by Contractor and shall be its sole responsibility.

ARTICLE X **INDEMNIFICATION**

Contractor shall indemnify and hold harmless the City and the Project Golf Architect and their agents and employees from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees arising out of or resulting from the performance of Work provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by any negligence, willful or intentional misconduct, or other fault of Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. Such obligation shall not be construed to negate, abridge or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described herein. Contractor, in addition to, and conformity with, all of the other requirements herein, will be required to indemnify the property owners from whom temporary construction easements were obtained.

ARTICLE XI **DATA PRACTICES**

Pursuant to Minn. Stat. § 13.05, subd. 11, all of the data created, collected, received, stored, used, maintained, or disseminated by Contractor in performing a City function under this Agreement is subject to the requirements of the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, and Contractor must comply with those requirements as if it were a government entity.

ARTICLE XII **AUDIT**

Pursuant to Minn. Stat. §§ 6.551 and 16C.05, subd. 5, the Contractor's books, records, documents, and accounting procedures and practices relevant to this Agreement shall be

preserved and are subject to examination by the City, and either the Legislative Auditor or State Auditor, as appropriate, for a minimum of six years from the end of this Agreement.

ARTICLE XIII
WHOLE AGREEMENT

This Agreement embodies the entire agreement between the parties including all prior understanding and agreements and may not be modified except in writing signed by all the parties.

IN WITNESS WHEREOF, Owner and Contractor have executed three copies of this Agreement as of the day and year written below. This Agreement will be effective upon execution by the Mayor and Clerk for the City.

CITY OF COTTAGE GROVE

Date _____

By _____
Myron Bailey, Mayor

Date _____

And _____
Jennifer Levitt, City Administrator

(NAME OF CONTRACTOR)

Date _____

By _____
Its: _____

AND

Date _____

By _____
Its: _____

STATE OF _____)
)
COUNTY OF _____) SS.

On this ____ day of _____, 2022, before me personally appeared _____ to me known to be the person described in and who executed the foregoing instrument, and acknowledges that he/she executed the same as his/her free act and deed.

(Notarial Seal)

Notary Public

STATE OF _____)
)
COUNTY OF _____) SS.

On this ____ day of _____, 2022, before me personally appeared _____ and _____, to me known who, being by me duly sworn, did say that they are respectively the _____ and _____ of _____, that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was executed in behalf of the corporation by authority of its Board of Directors, and said officers acknowledged the instrument to be the free act and deed of said corporation.

(Notarial Seal)

Notary Public

END OF SECTION

SECTION 00 61 13 13
PERFORMANCE AND PAYMENT BOND

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that _____,
as Principal (hereinafter called Contractor) and, _____,
as Surety (hereinafter called Surety) are held and firmly bound unto the City of Cottage Grove as obligee (hereinafter called Obligee) in the amount of _____
Dollars (\$_____), for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Contractor has by written agreement dated _____, 2022, entered into a contract with the Obligee for delivery and installation of River Oaks Golf Course Improvements and Irrigation System in accordance with specifications prepared by Obligee which contract is by reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if Contractor shall promptly and faithfully perform said Contract in conformance with the Contract Documents, and all guaranty, indemnity and warranty obligations specified therein, and shall promptly and faithfully remedy any breach of its obligations under the Contract Documents discovered within the time limits set by statute for commencement of actions, and shall pay any damages for unexcused late completion, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alternation, changes or extension of time made by the Obligee.

Whenever the Contractor shall be, and declared by the Obligee to be in default under the Contract, the Surety may promptly remedy the default, or shall promptly:

(1) Complete the Contract in accordance with its terms and conditions, or if appropriate,

(2) Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by the Obligee and the Surety jointly of the lowest responsible bidder, arrange for a contract between such bidder and Surety, and make available as work progresses (even though there shall be a default or a succession of defaults under the contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion and other costs and damages for which the Surety may be liable hereunder, but not exceeding the amount set forth in the first paragraph hereof less the balance of the contract price. The term "balance of the contract price", as used in this paragraph, shall mean the total amount payable by the Obligee to Contractor under the Contract and any amendments thereto, less the amount paid by the Obligee to Contractor, or if appropriate,

(3) Promptly pay such sums to the Obligee as the Obligee may be entitled from the Contractor under the Contract Documents, or for the breach thereof, but not exceeding the amount set forth in the first paragraph hereof.

The Surety agrees to be bound by any award granted to the Obligee against the Contractor in arbitration or judicial proceedings commenced pursuant to the Contract Documents.

No right of action shall accrue on this bond to or for the use of any person or corporation other than the Obligee named herein or the successors of the Obligee.

This bond is furnished pursuant to the requirements of M.S. 574.26 et seq. (Minnesota Public Works Amendment). It is hereby acknowledged and agreed by both Principal and Surety that the provisions and requirements of M.S. 574.26 through 574.32 are hereby incorporated by reference into this bond as if set forth verbatim herein. In the event of any conflict between such statutory provisions and the standard printed provisions of this bond, the statutory language shall supersede and control in all respects.

Signed and sealed this ____ day of _____, 2022

	_____ Contractor
	By _____ Signature
	_____ (Typed or Printed Name of Signer)
_____ Witness	Title _____
	By _____ Signature
	_____ (Typed or Printed Name of Signer)
	Title _____

(If the contractor is a partnership or joint venture, all partners or co-venturers must execute this bond.)

	_____ Surety
	_____ Address
	_____ Phone No.
_____ Witness	By _____ Signature
	_____ (Typed or Printed Name of Signer)
	Title _____
	_____ (Local Address & Telephone Number)

Agent Affixing Countersignature

Address

(Affix here Power of Attorney and Acknowledgment of Corporate Surety.)

END OF SECTION

SECTION 00 61 13 16
LABOR AND MATERIAL PAYMENT BOND

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that _____, Inc., as Principal (hereinafter called Contractor) and _____ as Surety (hereinafter called Surety) are held and firmly bound unto the City of Cottage Grove as Obligee (hereinafter called Obligee) for the use and benefit of claimants as herein below defined, in the amount of _____ Dollars (\$_____), for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Contractor has by written agreement dated _____, 2022, entered into a contract with Obligee for River Oaks Golf Course Improvements and Irrigation System in accordance with specifications prepared by Obligee which contract is by reference made a part hereof and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if Contractor shall promptly make payment to all claimants as hereinafter defined, for all labor and material used or reasonably required for use in the performance of the Contract and shall keep the project free and clear of all liens as provided in the Contract, then this obligation shall be void; otherwise it shall remain in full force and effect, subject, however, to the following conditions:

1. Claimant is defined as one permitted by applicable law to file a Public Contractor's Bond claim for labor, material, or both, used or reasonably required for use in the performance of the Contract, labor and material being construed to include without limitation that part of water, gas, power, light, heat, oil, gasoline, telephone service, rental of equipment, insurance premiums, taxes and any items for which a claim or lien may be filed against the Obligee under the applicable law.

2. The above named Contractor and Surety hereby jointly and severally agree with the Obligee that every claimant as herein defined, who has not been paid in full may sue on this bond for the use of such claimant, prosecute the suit to final judgment for such sums as may be justly due claimant and have execution thereon. The Obligee shall not be liable for the payment of any costs or expenses of any such suit.

3. No suit or action shall be commenced hereunder by any claimant:

(A) Unless claimant shall have filed a public contractors bond claim in the form and within the time provided under applicable law, or

(B) After expiration of time for enforcement of a public contractors bond claim by legal action.

4. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder.

5. The Contractor and Surety shall keep the project free and clear of liens and shall promptly remove any and all liens filed against the project by claimants.

6. The Obligee's right of action on this bond, or for the breach thereof, shall not be limited by the conditions set forth in paragraphs 1 through 3 above.

Signed and sealed this ____ day of _____, 2022.

	_____ Contractor
	By _____ Signature
	_____ (Typed or Printed Name of Signer)
_____ Witness	Title _____
	By _____ Signature
	_____ (Typed or Printed Name of Signer)
	Title _____

(If the contractor is a partnership or joint venture, all partners or co-venturers must execute this bond.)

	_____ Surety
	_____ Address
	_____ Phone No.
_____ Witness	By _____ Signature
	_____ (Typed or Printed Name of Signer)
	Title _____
	_____ (Local Address & Telephone Number)

(The attorney-in-fact shall attach hereto a copy of his power of attorney or other document which authorizes him to act on behalf of and to bind the surety.)

CERTIFICATE OF ACKNOWLEDGMENT BY PRINCIPAL
(For use where Contractor is individual or partnership)

STATE OF MINNESOTA)
) SS.
COUNTY OF _____)

On this _____ day of _____, 2022, before me personally appeared _____, to me known to be the person(s) described in and who executed the foregoing bond and acknowledged that _he_ executed the same as _____ free act and deed.

(Notarial Seal)

Notary Public

CERTIFICATE OF ACKNOWLEDGMENT
(For use where Contractor is a corporation)

STATE OF MINNESOTA)
) SS.
COUNTY OF _____)

On this _____ day of _____, 2022, before me personally appeared _____ and _____, to me known who, being by me duly sworn, did say that they are respectively the _____ of _____, that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was executed in behalf of the corporation by authority of its Board of Directors, and said _____ and _____ acknowledged the instrument to be the free act and deed of said corporation.

(Notarial Seal)

Notary Public

Full Name of Surety Company

Home Office Address

Name of Local Agency

Local Agency Address

If this bond is executed outside of the State of Minnesota, it must be countersigned on the Performance Bond by a Minnesota resident agent of the Surety Company.

Agent Affixing Countersignature

Address

(Affix here Power of Attorney and Acknowledgment of Corporate Surety.)

END OF SECTION

Section 00 72 05 GENERAL CONDITIONS

1.01 DEFINITIONS & RULES OF CONSTRUCTION

A. Definitions:

When used in these specifications and contract, the following terms or if pronouns in place of them are used, the intent and meaning shall be interpreted as follows:

"A.A.S.H.O." - The American Association of State Highway Officials

"A.G.C." - Association of General Contractors.

"A.S.T.M." - American Society for Testing Materials.

"Bidder" - Any individual, partnership, firm or corporation submitting a proposal for the Work, acting directly or through a duly authorized representative.

"Contract" - The written agreement, valid in form, between the Owner and the Contractor, by which the Contractor is bound to perform the work, in accordance with the Contract Documents.

"Contract Bond" - The Payment and Performance Bond in the form designated by the Owner furnished by the Contractor and his Surety or Sureties as a guarantee of good faith on the part of the Contractor to execute and pay for the Work in accordance with the terms of the Contract.

"Contract Documents" - The Advertisement for Bids, all addenda issued prior to receipts of bids, the Proposal, Instructions to Bidders, the Contract, Plans, Specifications, the Special Provisions, these General Contract Conditions, and the Contract Bond, all related to the Work and all as designated and approved by the Owner, and also any other Documents and Agreements between Owner and Contractor relevant to the Work, all as now or hereafter amended or supplemented.

"Contractor" - The individual, partnership, firm or corporation with whom the Owner contracts for doing the Work, acting directly or through his lawful agents or employees, who is primarily liable for the acceptable performance of the Work for which he has contracted, and unless otherwise specified, includes subcontractors.

"Equipment" - All machinery together with the necessary supplies for upkeep and maintenance and also all tools and apparatus necessary for the proper construction and acceptable completion of the Work.

"Final Completion" - Final approval by the Irrigation Consultant and Owner for all work outlined in the contract documents, including any conditions or defects outlined at the time of substantial completion.

"Inspection" - Periodic observation of the work to become generally familiar with the process and the quality of the construction completed to determine if the contractor's work is being performed in a manner which indicating that the work, when completed, will be in accordance with the Construction documents.

"Inspector" - The Irrigation Consultant or an authorized representative of the Irrigation Consultant

or Owner assigned to make any or all necessary observations of the Work performed and the materials furnished by the Contractor.

"Landscaping" - The planning, planting, establishing and caring for tree, shrubs, vines and other vegetation to provide shade, reduce dust, control erosion, or provide spatial delineation and aesthetic qualities.

"Laboratory" - Testing laboratories of a reputable independent laboratory, or any other testing laboratory which may be acceptable to the Irrigation Consultant to inspect, test and determine the suitability of materials.

"MNDOT" - Minnesota Department of Transportation.

"Notice of Award" - A written notice to the successful bidder stating that his bid has been accepted and that, in accordance with the terms of the notice to contractors and the specifications, he is required to execute the contract and furnish satisfactory contract bond.

"Notice to Proceed" - A written notice to the Contractor of the date on which he is to begin the prosecution of the Work for which he has contracted.

"O.S.H.A." - The Federal Occupational Safety and Health Act of 1970, and the State Occupational Safety and Health Act of 1973, and all regulations permeated pursuant to either of these, as such acts and regulations may be amended, supplemented or modified.

"Owner" - The individual, corporate entity or municipality which owns the property and golf course.

"Plans" - All drawings or reproductions of drawings, pertaining to the construction of the Work and appurtenances and approved by Owner.

"Project" - The contemplated improvements proposed by the Owner as indicated in the plans and specified in the Contract for the Work.

"Proposal" - The written offer of the bidder, when submitted on the approved Proposal Form, to perform the contemplated Work and furnish the necessary materials in accordance with the provisions of the plans and specifications.

"Proposal Guarantee" - The security designated in the proposal to be furnished by the bidder as a guarantee of good faith that he will enter into a contract with the Owner and to execute the required bonds covering the work contemplated if the same is awarded to him.

"Special Provisions" - Specific or special conditions peculiar to the project under consideration and covering work or materials which are not covered in these General Contract Conditions, or which may not be thoroughly or satisfactorily stipulated elsewhere in the specifications, but are covered by the Special Conditions.

"Specifications" - The directions, conditions, provisions and requirements contained herein or in the Contract Documents, together with all written agreements made or to be made, pertaining to the method and manner of performing the Work, or to the quantities of materials to be furnished under the contract.

"Subcontractor" - The individual, firm, or corporation undertaking the execution of a part of the Work under the terms of the contract by virtue of an agreement between himself and Contractor, subject to approval of the Owner, but does not include one who merely furnished materials.

"Substantial Completion" - Preliminary approval of the work by the GCA and Owner as defined in the Special Provisions.

"Supplemental Agreement" - A written agreement made and entered into by and between the Contractor and the Owner covering unforeseen work, or involving revisions in or amendments to the terms of the Contract, or covering correction of omissions, errors, discrepancies between the plans and proposal or estimates or alterations in the plans, additional requirements, work, materials or covering conditions specifically prescribed in the specifications as requiring Supplemental Agreements. Such Supplemental Agreements become a part of the Contract when properly executed and approved.

"Surety" - The corporate entity which is bound with and for the Contractor for the acceptable performance of the Contract and for Contractor's payment of all obligations pertaining to the Work.

"Work" - The term "Work" includes all labor necessary to produce the construction required by the Contract Documents, and all materials and equipment incorporated or to be incorporated in such construction.

B. Rules of Construction:

Meaning of Expressions. In order to avoid cumbersome and confusing repetition of expressions in these specifications, and whenever it is provided that any thing is, or is to be done, if or as, or when, or where, "contemplated", "required", "directed", "specified", "authorized", "ordered", "given", "designated", "indicated", "considered necessary", "permitted", "suspended", "approved", "acceptable", "unacceptable", "suitable", "unsuitable", "satisfactory", "unsatisfactory", or "sufficient", it shall be taken to mean and intend, by or to the Irrigation Consultant.

The use of one gender will include all other genders.

References in these General Contract Conditions to statutes, laws, ordinances or rules shall mean and refer to those in effect as of the date of the Contract for the Work signed by Owner and Contractor, and as the same may therefore be amended, modified or supplemented, and shall include any superseding or substitution statutes, laws, ordinances or rules.

If any section, article, subsection, paragraph, sentence, clause or phrase of these general Contract Conditions, is for any reason held to be invalid or not enforceable as to any person or circumstance, the application of such section, article, subsection, paragraph, sentence, clause or phrase to persons or circumstances other than those as to which it shall be invalid or not enforceable shall not be affected thereby, and all other provisions of these General Conditions in all other respects, shall be and remain valid and enforceable.

2.01 INTERPRETATION OF PROPOSED CONTRACT DOCUMENTS

If any person contemplating submitting a bid for the proposed contract is in doubt as to the true meaning of any part of the plans, specifications or other proposed Contract Documents, he may submit to the Irrigation Consultant, a written request for an interpretation thereof, not later than five (5) days prior to the date specified for the submission of bid. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by addendum duly issued and a copy of such addendum will be mailed or delivered to each person receiving a set of such Contract Documents. The Owner will not be responsible for any other explanation or interpretation of the Contract Documents.

Contents of the Proposal Form shall be all papers bound with or attached to the Proposal Form and are necessary parts thereof and must not be detached. Exact duplicates, incorporating the entire Proposal Form, will be acceptable if necessary.

3.01 FORM OF CONTRACT

The form of Contract to be used shall be the form prescribed and provided by the Owner.

4.01 CONTRACTOR'S RESPONSIBILITY

The Contractor shall furnish all necessary machinery, tools, labor and material in every character required, and shall fully complete the Work in a reasonable and workmanlike manner in accordance with the plans, specifications and detail drawings, for the prices bid. The entire Work to be performed under the contract for this improvement is to be at the Contractor's risk, and he is to assume the responsibility for and risk of all damages to the work or to property adjacent to or on the line of said Work. The Contractor shall have charge of and be responsible for the entire improvement until its completion and acceptance. He shall be liable for any defects which may appear to be discovered on his work.

Whenever the Contractor is not present on the Work, directions will be given to the Superintendent or Foreman who may have immediate charge thereof, and shall by him be received and strictly obeyed. The Contractor shall designate one person who shall have charge of the job and to whom the inspector shall give directions.

5.01 TERMINATION OF CONTRACTOR'S RESPONSIBILITY

Except as otherwise provided for in these specifications, the Contractor's responsibility on his contract shall continue until final acceptance of the Work by the Owner, such acceptance to be made promptly after final completion of the Work, and thereafter until all obligations contained in such contract shall have been fully performed by the Contractor, according to the terms of the contract.

6.01 LABOR

None but competent labor shall be employed on this Work. Whenever mechanical work is required, it shall be performed by skilled labor.

The foreman or other person directing the Work shall be competent, sober, and reliable, and shall extend every facility to the Irrigation Consultant to enable him to properly discharge his duties, and shall furnish such help as may be necessary to facilitate the inspection of materials.

The Contractor will not be allowed added compensation for any work performed on Saturdays, Sundays or Legal Holidays, however, the Contractor will be required to compensate employees per State requirements.

7.01 DISCRIMINATION ON ACCOUNT OF RACE, CREED OR COLOR, RELIGION, NATIONAL ORIGIN, DISABILITY, MARITAL STATUS, STATUS WITH REGARD TO PUBLIC ASSISTANCE, SEX OR AGE.

The Contractor hereby agrees:

That in the hiring of common or skilled labor for the performance of any work under the contract, or any subcontract, no contractor, material supplier, or vendor, shall, by reason of race, creed or color, religion, national origin, disability, marital status, status with regard to public assistance, sex or age, discriminate against any person or persons who are citizens of the United States or

resident aliens who are qualified and available to perform the work to which such employment relates;

That the Contractor, material supplier, or vendor shall in any manner, discriminate against, or intimidate, or prevent the employment of any person or persons identified above, or on being hired, prevent, or conspire to prevent any such person or persons from the performance of work under any contract on account of race, creed or color, religion, national origin, disability, marital status, status with regard to public assistance, sex or age;

The contractor shall furnish all information and reports required by Owner or by the Department of Labor Executive Order No. 11246 and Revised Order No. 4, and by the applicable rules and regulations of the state or Federal government to ascertain compliance with the provisions of the Article;

That violation of this section shall be a misdemeanor; and

That his contract may be canceled or terminated by the Owner, and all money due, or to become due under this Contract, may be forfeited, for a second or any subsequent violation of the terms or conditions of this Article.

8.01 ASSIGNMENT OF CONTRACT

Neither party may assign this Contract without the written consent of the other. If neither party attempts to make such an assignment without consent, that party shall nevertheless remain legally responsible for all obligations under the Contract.

9.01 SUBCONTRACTS

Prior to the performance of any work, the Contractor shall furnish the Irrigation Consultant and Owner in writing the names of subcontractors, if any, proposed for the work. Such subcontractors shall be of proven qualifications and any subcontractor unsatisfactory to the Irrigation Consultant or Owner shall not be employed on the work. Subcontractors shall have no contractual relations with the Owner and the Contractor shall assume complete responsibility for these acts and omissions of his/her subcontractors or any persons directly or indirectly employed by them.

All Subcontractors shall be bound by the terms of all contract documents, but nothing contained in the contract documents shall create any contractual relation between any Subcontractor and the Owner or the Irrigation Consultant.

10.01 CONTRACTOR'S INSURANCE

See Schedule A.

11.01 EVIDENCE OF INSURANCE

Insurance Certificates evidencing that the above insurance is in force with companies acceptable to the Owner and in the amounts required shall be submitted to the Owner for examination and approval concurrently with the execution of the contract. In addition to the normal information provided on the insurance certificates, each shall specifically provide that:

- A policy will not be modified or cancelled except upon ten day's prior written notice to the Owner.

- Coverage is included for blasting, collapse and underground hazards, and
- The contractual liability hazard has been insured.

The Contractor shall require sub-contractors, if any, not protected under the Contractor's Insurance Policies to take out and maintain like insurance in like amounts.

12.01 DEFENSE OF CLAIMS OR SUITS

The Contractor shall indemnify and save harmless the Owner and all of its officers, officials, agents, and employees and the Irrigation Consultant, from any and all loss, damages, expense, including cost and expense and attorney's fees of litigation arising from all suits, actions, or claims of any character, name and description, brought for, or on account of any injuries or damages received or sustained by any person, or persons or property by or from the said Contractor or by or in consequence of any negligence, willful or intentional misconduct, or other fault in safeguarding the Work, or through the use of unacceptable materials in construction of the Work or by or on account of any negligence, willful or intentional misconduct, or other fault of said Contractor, or by or on account of any claims or amounts recovered for any infringement of patent, trademark or copyright, or from any claims or amounts arising or recovered under the "Workmen's Compensation Law", or any other law, bylaw, ordinance, order or decree and so much of the money due the said Contractor under any by virtue of his Contract as shall be considered necessary by the Owner may retained for the use of said Owner, or in case no money is due his surety shall be held until such suit or suits, action or actions, claim or claims, for injuries or damages, as aforesaid shall have been settled and suitable evidence to that effect furnished to the Owner.

The unauthorized use by the Contract of public or private property for any purpose may be considered an injury or damage to the property so used.

No monies, payable under the Contract Documents, or any part thereof except the estimate for the first month or period shall become due and payable, if the Owner so elects, until the contractor shall satisfy Owner that he has made a satisfactory settlement for all materials and equipment used in or upon and labor done for the Work for the then preceding month.

14.01 COMPLIANCE WITH LAWS, BUILDING CODES AND REGULATIONS

The Contractor and Bidder is assumed to have made himself familiar with all engaged or employed in the Work, or the materials or equipment used in or upon the improvement, or in any way affect the conduct of the Work and no pleas of misunderstanding will be considered on account of ignorance thereof. The provisions of such codes, laws or ordinances are deemed to be a part of these specifications and the Contractor will be bound by the provisions thereof.

The Contractor shall and also by a Surety agree to indemnify and save harmless the Owner and all of its officers, agents, and servants against and claim or liability arising from or based on the violation of any such law, ordinance, regulation or decrees, whether by the Contractor or his employees or subcontractors.

If the Contractor shall discover any provisions in the Plans, Contract, or these Specifications or any direction of the Irrigation Consultant or Inspector which is contrary to or inconsistent with any such law, ordinance, regulation or decree, he shall forthwith report inconsistency to the Irrigation Consultant in writing.

15.01 PERMITS, LICENSES, AND TAXES

If required, the Owner shall obtain all wetland permits.

The Contractor shall procure all other permits and licenses including but not limited to grading permits and NPDES permits. In addition, the Contractor shall pay all charges and fees and give all notices necessary and incidental to the due and lawful prosecution of Work.

For material and for labor affected by State or Federal tax, sales taxes of any kind whatsoever, the cost shall be reflected in the bid price. No extra compensation will be allowed the Contractor for taxes to be paid.

16.01 USE OF EXPLOSIVES

If it is necessary to use explosives in the performance of the Work, the Contractor shall take out permits and comply with all the laws, ordinances and regulations governing the same. He shall fully protect all completed work as well as all overhead, surface or underground structures and shall be liable for any damage done to the Work or to other structures on public or private property and injuries sustained by persons, by reason of the use of explosives in his operations. Explosives shall be handled, used and fired only by experienced persons.

All firing shall be done by electricity. All explosive supplies shall be safely stored and protected in an approved manner. All such storage places shall be marked clearly "DANGER - EXPLOSIVES". Caps or other exploders shall not be stored at the same place where dynamite or other explosives are stored.

17.01 PATENTED DEVICES, MATERIALS AND PROCESSES

If the Contract requires, or the Contractor desires, the use of any design, device, material or process covered by letters, patent or copyright, trade mark or trade name, he shall provide for such use by suitable legal agreement with the patentee or Owner and a copy of said agreement shall be filed with the Owner. The Contractor and the Surety shall indemnify and save harmless the Owner from any and all claims for infringement by reason of the use of any such patented design, device, material or process, or any trade mark or trade name or copyright in connection with the Work agreed to be performed under the Contract, and shall indemnify the Owner for any costs, expense, and attorney's fees incident to litigation by reason of such infringement, at any time during the prosecution or after the completion of the Work.

18.01 MATERIALS

Unless otherwise specified, and except as provided below in this Article as to recycled materials, all materials shall be new, and both workmanship and material shall be of good quality. The Contractor shall, if required, furnish satisfactory evidence as to the kind and quality of materials or tools used by him.

The Owner encourages the use of recycled building materials wherever practical and appropriate, provided the product with recycled content meets the required performance standards.

The source of supply of the materials to be used shall be approved by the Irrigation Consultant before delivery is started. The approval of the source of any material will stand only so long as the material itself conforms to the specifications. Only materials conforming to the requirements of these specifications shall be used in the Work. The source of any material shall not be changed at any time without the written approval of the Irrigation Consultant. The contractor shall be required at any time to furnish a complete statement of the origin, composition, and

manufacturer of any or all materials required in the Work, or to submit samples of the same.

Materials shall be stored to ensure the preservation of their quality and fitness for the Work and such materials, even though approved for storage, shall be subject to test and must meet the requirements of these specifications at the time it is proposed to use them in the Work. Materials shall be stored in a manner that will facilitate inspection.

The portion of the site or right-of-way not required for public travel may, with the consent of the Owner, be used for storage purposes, and for the placing of the Contractor's plant equipment, but any additional space required, unless otherwise stipulated, shall be provided by the Contractor at his expense.

All materials, supplies and articles furnished shall, whenever so specified, and otherwise wherever practicable, be the standard stock products of recognized reputable manufacturers, or equal.

From the commencement of the Work until the completion of the same, the contractor shall be solely responsible for the care of the Work covered by the Contract and for the materials delivered at the site intended to be used in the Work and all injury or damage to the same from whatever cause, shall be made good at his expense before the final estimate is made. He shall provide suitable means of protection for and shall protect all materials intended to be used in the Work and all work in progress as well as completed work. He shall take all necessary precautions to prevent injury or damage to the Work in progress of construction by flood, freezing or from imminent inclement weather at any and all times and only approved methods shall be used for this purpose.

When tests of materials are necessary, such tests shall be made by and at the expense of the Owner unless otherwise required in the Contract Documents. The Contractor shall afford such facilities as the Irrigation Consultant may require for collecting and forwarding samples, and shall not use the materials represented by the samples until tests have been made and the materials have been found to satisfy the requirements of these specifications. The Contractor in all cases shall furnish the required samples without charge.

All materials not conforming to the requirements of these specifications shall be considered as defective and all such materials, whether in place or not, will be rejected and shall be removed immediately from the site, unless otherwise permitted. No material which has been rejected, the defects on which have been corrected or removed, shall be used until approval has been given.

If the Contractor does not remove such condemned work and materials within a reasonable time fixed by written notice, the Owner may remove them and may store the materials at the expense of the Contractor. If the Contractor does not pay the expense of removal and storage within ten (10) days thereafter, the Owner may, upon ten days written notice, sell such materials at auction or at private sale and shall account for the net proceed thereof, after deducting all the cost and expenses that should have been borne by the Contractor.

The Contractor shall promptly remove from the site all materials condemned by the Irrigation Consultant as failing to conform to the Contract, whether incorporated in the Work or not and the contractor shall promptly replace and re-execute his work in accordance with the Contract Documents without expense to the Owner and shall bear the expense of making good all work of the other contractors destroyed or damaged by such removal or replacement.

19.01 "OR EQUAL" CLAUSE

Whenever in any of the Contract Documents any article, appliance, devise or material is

designated by the name of the manufacturer or vendor or by any proprietary name and such name is not followed by the words "or equal", it shall be deemed that such words "or equal" do follow such designation unless the context clearly requires a contrary construction. The specific article, appliance, device or material designated shall be understood as indicating the type, function, minimum standard of design, efficiency and quality desired, and shall not be construed so as to exclude other products of comparable quality, design and efficiency, unless the context clearly requires a contrary construction. Any article or material equaling the standards fixed may be used in place of that specifically mentioned by the specifications provided that the material proposed is first submitted to and accepted in writing by the Owner or his authorized representative.

The foregoing "or equal" provisions include the use of recycled materials provided the product with recycled content meets the required performance standards.

20.01 PROSECUTION OF WORK

All dealings of the Owner will be with the Contractor. No work shall be started until the Contract has been executed and a preconstruction conference has been held.

Definite notice of intention to start work shall be given to the Owner at least five (5) days in advance of beginning the Work. Such starting time shall be within ten(10) calendar days after the date of receipt by the Contractor of notice to proceed by the Owner. The official starting time shall be taken as the date on which the Contractor is notified by the Owner that he has fulfilled all preliminary requirements of the Owner. The official completion date will be the date specified, allowing time for completion of the Work. Should the prosecution of the work for any reason be discontinued temporarily, by the Contractor, with the consent of the Irrigation Consultant, he shall notify the Irrigation Consultant at least twenty-four (24) hours before again resuming operations.

The Contractor shall submit, at such times as may reasonably be requested by the Irrigation Consultant, schedules which shall show the order in which the Contractor proposes to carry on the Work, with dates at which the Contractor will start the several parts of the Work, and estimated dates of completion of the several parts. If deemed necessary by the Irrigation Consultant, he shall have the right to change such schedule of operation as required if it does not change the Contract Time. Any proposed change to the deadlines for substantial completion or final completion must be approved by the Owner.

The Work shall be prosecuted in such manner as to ensure its completion within the time set forth in the contract. In case of failure to prosecute the Work in such a manner as to ensure its completion within the date specified, the Owner shall have the right to require the Contractor to place in operation such additional force and equipment as is deemed necessary.

21.01 SUPERINTENDENCE AND SUPERVISION

The Contractor shall keep on the site, during the progress of the Work a competent superintendent and any necessary assistants. The superintendent shall not be changed except with the consent of the Owner unless the Superintendent proves unsatisfactory to the Contractor and ceases to be in his employ. The Superintendent shall represent the Contractor in his absence, and all directions given to him shall be a binding as if given to the Contractor. Important directions shall be confirmed in writing to the Contractor. Other directions shall be so confirmed on written request in each case.

The Contractor shall give efficient supervision to the Work, using his best skill and attention, shall carefully study and compare all drawings, specifications and other instructions and shall be at once report to the Irrigation Consultant any error, inconsistency or omission which he may

discover, but he shall not be held responsible for their existence or discover.

The Contractor will be supplied, by the Owner, copies of Plans and Specifications. He shall have said Plans and Specifications available on the Work, at all times, during the prosecution of the Work. He shall give the Work his constant attention to facilitate the progress thereof and shall cooperate with the Irrigation Consultant in setting and preserving stakes, bench marks, etc., and in all other things that are necessary for the satisfactory completion of the Work contemplated.

22.01 PRIVILEGES OF CONTRACTOR IN STREETS AND RIGHTS-OF-WAY

For the performance of the contract, the Contractor will be permitted to occupy such portions of City streets, or other public spaces, or other rights-of-way, shown on the plans, or as permitted by the Owner. In the case of County Road rights-of-way, the *Contractor* will request and gain approval from the County prior to the Contractor working in county rights-of-way or constructing either permanent or temporary accesses. No amount of tools, materials, and equipment for construction may be stored on public spaces without City or County approval. Other contractors of the Owner may, for all purposes of their contracts, enter upon the Work and site used by the Contractor, and the Contractor shall give to other contractors of the Owner all reasonable facilities and assistance for the completion for their work.

Where the Work encroaches upon any right-of-way of any railway, or State or County Highway, the *Contractor* will secure the necessary easement or permit for the Work. Where railway tract or highway are to be accessed or crossed, the Contractor shall observe all the regulations and instructions of the railway company or Highway Department as to methods of doing the Work, or precautions for safety of property and the public.

23.01 CONTRACTOR COOPERATION

Not applicable.

24.01 IRRIGATION CONSULTANT'S STATUS

The Irrigation Consultant shall be the Owner's representative during the construction period. The Irrigation Consultant shall make periodic visits to the site to observe the progress and quality of the work and to determine if, in general, the work is proceeding in accordance with the Contract Documents. His efforts will be directed at providing assurance for the Owner that the completed work will conform to the requirements of the Contract Documents. On the basis of his on-site observations as an experienced and qualified design professional, he will keep the Owner informed of the progress of the work and will endeavor to guard the Owner against defects and deficiencies in the work of Contractors.

The Irrigation Consultant is recognized by both parties to the Contract as the initial interpreter of the terms and conditions of the Contract Documents. He shall, within reasonable time, make decisions on all claims of the Owner, or the contractor, on all matters relating to the execution and progress of the Work, or the interpretation of the Contract Documents.

The Irrigation Consultant shall decide any and all questions as to quality of materials furnished for the Work and shall decide all questions regarding the interpretations of specifications or plans relating to the Work, and shall determine the amount and quantity of several kinds of work performed, and materials furnished, which are to be paid for under the Contract. Any work not specifically specified on the plans, but which may be fairly implied, or understood, as included in the Contract, shall be done by the Contractor without extra charge, and the Irrigation Consultant shall be permitted to make such corrections and interpretations as may be deemed necessary for the fulfillment to the extent of the plans and specifications. In the case of any discrepancy

occurring between the plans and specifications, the decision of the Irrigation Consultant is final.

Notwithstanding the foregoing, the Owner retains sole authority to approve changes to Contract Sum or Contract Time. Irrigation Consultant decisions on that affect Contract Sum or Contract Time are not final until approved by the Owner.

25.01 SUSPENSION AND RESUMPTION OF WORK

The Irrigation Consultant shall have the authority to suspend the Contractor's operations wholly or in part for such periods of time as he may deem necessary because of unsuitable weather or other conditions which he considers unfavorable for the prosecution of the Work, or because of the non-completion of work being done under other contracts for the same construction, or for such time as may be necessary because of the failure of the Contractor to comply with the provisions of the Contract. Such "Suspension of Work Order" shall be in writing and will state the reason or reasons for such suspension, the effective date, and the operations suspended. Any work done by the Contractor contrary to such "Suspension of Work Order" shall be considered as unauthorized work and as having been done at the expense of the Contractor.

No operations which have been suspended by a "Suspension of Work Order" shall be resumed until the Irrigation Consultant has issued a "resumption of Work Order". The order to resume operations will be issued when, in the opinion of the Irrigation Consultant, the conditions which justified suspension no longer exist. This order shall be in writing and will state the reason or reasons for ordering such resumption, the effective date, and the operations to be resumed.

If it should become necessary to suspend operations by any indefinite period, the Contractor shall, before leaving the Work, take every precaution to store all materials and equipment in such a manner to prevent damage or deterioration, protect the Work performed, and provide suitable drainage of the Work and shall erect temporary structures where necessary.

The Irrigation Consultant shall also have the authority to order the resumption of any operations which may have been suspended by the Contractor.

Such "Resumption of Work Order" shall be in writing and will state the reason or reasons for ordering such resumption, the effective date, and operations to be resumed. Working days will be counted from the effective date of such order whether or not the Contractor resumes his operations as ordered.

26.01 OBSERVATION OF WORK

The Irrigation Consultant and his representatives shall at all times have access to the Work wherever it is in preparation or progress, and the Contractor shall provide proper facilities for such access and for observation.

An inspector may be stationed on the Work to report to the Irrigation Consultant as to the progress of the Work and the manner in which it is performed, also to report when it appears that the materials furnished, or the Work performed by the Contractor fail to fulfill the requirements of the Contract and to call to the attention of the Contractor any such failure or infringement. In case of any dispute arising between the Contractor and the Inspector as to the material furnished, or the manner of performing the Work, the Inspector shall have the authority to reject materials or suspend the Work until such matter can be referred to, and decided by the Irrigation Consultant. No advice which the Inspector may give the Contractor shall be construed as binding upon the Owner nor will such advice release the Contractor from the fulfillment of the terms of the Contract. If the specifications, the Irrigation Consultant's instructions, laws, ordinances, or any public authority require any work to be specially tested or approved, the Contractor shall give the

Irrigation Consultant timely notice of its readiness for inspection, and if the inspection is by another authority than the Irrigation Consultant, of the date fixed for such inspection. Inspections by the Irrigation Consultant shall be promptly made and where practicable at the source of supply. If any work shall be covered up without approval or consent of the Irrigation Consultant, it must, if required by the Irrigation Consultant, be uncovered for examination at the Contractor's expense.

Re-examination of questioned work may be ordered by the Irrigation Consultant, and if so ordered, the Work must be uncovered by the Contractor. If such work be found in accordance with the Contract Documents, the Owner shall pay the cost of re-examination and replacement. If such work be found not in accordance with the Contract Documents, the Contractor shall pay such cost unless he shall show that the defect in the work was caused by another contractor, other than the Contractor's subcontractor, in which event the Owner shall pay the cost.

27.01 DEFECTIVE WORK

All work not conforming to the requirements of the Specifications shall be considered as defective and will be rejected. The Contractor shall remove and renew or repair all such defective work as ordered, in writing, by the Irrigation Consultant.

Should the Contractor fail or refuse to remove or renew any defective work performed previously, or to make any necessary repairs in an acceptable manner and in accordance with the requirements of the Specifications, within the time indicated in writing, the Irrigation Consultant shall have the authority to cause the unacceptable or defective work to be removed and renewed or repaired at the Contractor's expense. An expense incurred by the Owner in making these removals, renewals, or repairs, which the Contractor has filed or refused to make shall be paid for out of any monies due or which may become due the Contractor. Continued failure or refusal on the part of the Contractor to make any or all necessary repairs promptly, fully and in acceptable manner shall be sufficient cause for the Owner at his option, to purchase materials, tools and equipment, and employ labor or to contract with any other individual, firm or corporation to perform the Work. All costs and expenses incurred thereby shall be charged against the Contractor, and the amount thereof deducted from any monies due or which may become due him under this Contract. Any work performed, as described in this paragraph, shall not relieve the Contractor in any way from his responsibility for the Work performed by him.

The Owner shall also have authority to take over and use defective work without compensation to the Contractor when the Contractor fails or refuses to rebuild such faulty work.

28.01 ACCIDENT PREVENTION

Precaution shall be exercised at all times for the protection of persons (including employees) and property. The safety provisions of applicable laws, building and construction codes shall be observed. Machinery, equipment, and all hazards shall be guarded in accordance with the then current State and Federal O.S.H.A. laws and regulations.

29.01 SITE TO BE KEPT CLEAN

The Contractor shall clean and keep clean from waste, materials or refuse resulting from his operations, the site of the Work, the streets, the Work and public property occupied by him. Equipment not useable on the Work shall be promptly removed and the adjacent premises maintained in a neat and orderly condition at all times. Advertising signs in general will not be permitted on the Work.

Upon completion of the Work and before acceptance and final payment shall be made, the Contractor shall remove from the Work, streets and adjacent property, all surplus and discarded

materials, equipment, rubbish and temporary structures, and restore in an acceptable manner all property, both public and private, which has been damaged during the prosecution of the Work, and shall leave the site in a neat and presentable condition for its intended use.

30.01 PROTECTION OF THE WORK

The Contractor shall furnish, erect and maintain good and sufficient lighted barricades at all approaches to the Work as necessary to protect the Work and the public. He shall protect all portions of the Work from damage or defacement, and shall keep all traffic and extraneous loads off from the several parts of the Work for appropriate periods of time, particularly after seed installation.

Where the Work is carried on, in or adjacent to, any street or public place, the Contractor shall at his own expense furnish and erect such barricades, fences, lights, and danger signals and shall provide such watchmen and shall take such other precautionary measures for the protection of persons and property, and of the Work, as are necessary. Excavations in which water stands shall be securely barricaded with suitable fencing so as to prevent access by small children at all times work is not being carried on at the site of excavation. A sufficient number of barricades shall be erected to keep vehicles from being driven on or into any work under construction.

The Contractor shall provide at his own expense all methods for adequately draining the Work and shall assume full responsibility and liability for damage to any persons or property resulting from such drainage methods.

No trees shall be cut except as directed or upon specific authority of the Irrigation Consultant. Trees adjacent to the Work shall be protected from all damage by the construction operations.

31.01 DAMAGE TO EXISTING IMPROVEMENTS

All damage done to existing Owner improvements during the progress of the work shall be repaired by the Contractor under the direction of the Irrigation Consultant. Such repairs shall be made according to the requirements of the standard specifications of the Owner for the various types of improvements or classes of work required.

The Contractor shall be entirely responsible for the protection of all improvements that are not designated by the Plans and Specifications to be removed for proper construction of the Work.

32.01 PROTECTION AND RESTORATION OF PROPERTY

The Contractor shall not enter upon private property for any purpose without having previously obtained permission from the owner. The Contractor shall be responsible for the preservation of, and shall use every precaution to prevent damage to all trees, shrubs, lawns, fences, culverts, bridges, pavements, driveways, sidewalks, etc.; all water, sewer and gas lines; all conduits, and overhead pole lines or appurtenances thereof; and all other public or private property along or adjacent to the Work.

The Contractor shall notify the proper representatives of any public utility, corporation, and company or individual, not less than forty eight hours in advance of any work which might damage or interfere with the operation of their or his property along or adjacent to the Work. The Contractor shall be responsible for all damages or injury to property of any character or method of executing the Work, or due to his non-execution of the Work, or at any time due to defective work or materials. He shall restore, or have restored at his own cost and expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or otherwise restoring as may be directed, or he shall make good such damage from

injury in a manner acceptable to the Irrigation Consultant. In case of failure on the part of the Contractor to restore such property or made good such damage or injury, the Irrigation Consultant may, upon forty-eight hours written notice under ordinary circumstances and without notice when a nuisance or hazardous condition results, proceed to have repaired, rebuilt, or otherwise restored such property as may be determined necessary, and the cost thereof will be deducted from any monies due to the Contractor under this Contract and if not so deducted, the Contractor will be obligated to forthwith reimburse the Owner for the cost thereof.

Prior to construction, the Contractor shall obtain field locations or other assistance as may be required to determine the existence and location of gas mains and other private utilities as well public utilities of the City, County or State which may be underground or overhead within streets, rights-of-way, easements, or the Work which may be interfered with under this Contract.

Existing underground, surface, or overhead structures or utilities are not necessarily shown on the plans, and those shown are only approximately correct and no responsibility is assumed by the Owner or the Irrigation Consultant for the accuracy of location. The Contractor shall make such investigations as are necessary to determine the extent to which existing structures may interfere with the work under this Contract.

The Contractor shall not claim or be entitled to receive compensation for any damages sustained by reason of the inaccuracy or the omission of any of the information given on the plans, relative to the surface, overhead or underground structures or utilities and shall be responsible to protect and maintain their operation during the time the Work is in progress.

The Owner and the Irrigation Consultant shall be indemnified and saved harmless from any suit or expense claim brought for or on account of any damage, maintenance, removal and/or replacement, or relocation of mains, conduits, pipes, poles, wires, cables or other such structures of private utility firms or corporations, whether underground or overhead, that may be caused or required by the Contractor during the time the Work is in progress. However, in cases where alignment, as shown on the plans, coincides with the existing location of either an overhead or underground privately owned utility (installed and located in accordance with a permit issued by the City or County) so that, in the opinion of the Irrigation Consultant, the relocation of said utility is required to complete the installation, the Owner shall provide for such relocation.

33.01 WORK IN STORMS

The Irrigation Consultant shall have the right to stop work during rain or snow storms and all freshly installed work, shall be protected in a manner to prevent flooding and washing by runoff. The Contractor, realizing inclement weather is imminent, should not start work that should not be interrupted. The Contractor will not be entitled to extra compensation for work so stopped or delayed by the Irrigation Consultant.

34.01 WORKING HOURS AND NIGHT WORK

No motorized equipment shall be started prior to 7:00 a.m. each morning or run later than 7:00 p.m. each night. Motorized equipment will be allowed Monday-Saturday. No work on Sundays without prior authorization by the Owner.

Work shall be done at night only in the case of emergency and only upon the direction of the Owner.

35.01 NOISE ELIMINATION

The Contractor shall eliminate noise to as great an extent as possible at all times. Air

compressors shall be equipped with silences and the exhausts of all gasoline and diesel equipment or other power equipment shall be equipped with mufflers.

36.01 WATER

The Contractor shall make arrangements with the proper City officials and/or private parties for obtaining any water which may be needed.

37.01 SANITARY PROVISIONS

The Contractor shall comply with all laws, rules and regulations of the State and Local Health Authorities and shall take necessary precautions to avoid unsanitary conditions.

Suitable sanitary conveniences for the use of all persons employed on the Work properly screened from public observation, shall be provided and maintained by the Contractor through the progress of the Work.

38.01 FOSSILS

Should any fossils, archeological treasure or other unusual or valuable geological formations be found in the progress of the Work, such fossils, treasure or sample of geological formations shall be carefully preserved by the Contractor who shall promptly notify the Owner so the proper authorities and interested parties may be notified. These items shall be the property of the Owner.

39.01 FAILURE TO COMPLETE THE WORK ON TIME

The Contractor guarantees that he can and will complete the Work within the time limit stated in the Contract, or within the time as may be extended by Change Order. Inasmuch as the damage and loss to the Owner which will result from the failure of the contractor to complete the Work within the stipulated time, will be most difficult or impossible of accurate assessment, the damage to the Owner for such delay and failure on the part of the Contractor shall be liquidated at a daily rate in an amount as specified in paragraph 41.01 of the General Conditions for each calendar day, Sundays and Legal Holidays *included*, by which the Contractor shall fail to complete the work or any part thereof in accordance with the provisions hereof. Such liquidated damages shall not be considered as a penalty but as the extra cost of field and office administration and inspection time. The Owner will deduct and retain out of any monies due or become due hereunder the amount of liquidated damages.

Permitting the Contractor to continue and finish the Work or any part of it after the time fixed for its completion, or after the date of which the time for completion may have been extended, shall in no way operated as a waiver on the part of the Owner of any of its rights under the Contract.

Neither by the taking over of the Work by the Owner, nor by the termination of the Contract, shall the Owner forfeit the right to recover liquidated damages from the Contractor or his Surety for failure to complete the Contract.

40.01 DELAYS AND EXTENSION OF TIME

If the Contractor should be delayed at any time in the progress of the Work by an act or neglect of the Owner or Irrigation Consultant or any employee of either, or by any other contractor employed by the Owner, or by changes ordered in the Work, or by strike, fire, unusual delay in transportation, unavoidable casualties or other causes beyond the Contractor's control, or by any cause which the Irrigation Consultant shall decide to justify the delay, then the time of completion

shall be extended for such reasonable time as the Owner may decide, and the decision of the Owner shall be binding on both parties and shall not be arbitrary or unreasonable. No such extension shall be made for delay unless claim therefore is made in writing to the Irrigation Consultant with seven (7) days after the period of delay shall have commenced. The Contractor shall not be entitled to extension of time for each several causes of delay operative concurrently, but only for the actual period of delay.

41.01 LIQUIDATED DAMAGES

Beginning on Monday, October 23, 2023 an amount equal to two hundred dollars (\$200.00) per calendar day will be paid by the Contractor for completion of work after the substantial completion date and until completion of the work.

Time extensions may be granted due to increases in the Contract amount or by formally approved extensions granted by the Owner. If the Contractor does not diligently pursue the completion of the project, the Owner will have the liberty of taking action for damages. The liquidated damages provision is intended as a reasonable estimate of the Owner's damages caused by the Contractor's failure to complete the work by the completion date and as a settlement of actual damages that might arise because of such failure. The parties agree that these damages are reasonable, bear significant relation to the actual damages which the Owner might sustain, which damages Contractor and Owner would agree would be uncertain and difficult to prove, and is not a penalty for the Contractor's failure to perform.

42.01 UNAUTHORIZED WORK

Except as otherwise provided in the Contract, work done without lines or elevations being given or with materials which have not been given the required inspection may be considered as unauthorized work and as having been done at the expense of the Contractor. Compensation for such work will be made only in the event the Irrigation Consultant determines it to be acceptable to the Owner. Any work which may be done by the Contractor prior to the approval of the Contract may be considered as unauthorized work and as having been done at the expense of the Contractor. Compensation for such work will be made only in the event that the Contract is approved and the Irrigation Consultant determines the work to be acceptable to the Owner.

Any work done which is not specified in the Contract Documents and which is not ordered by the Irrigation Consultant to be done in writing, and any work done by the Contractor contrary to the terms of any "Suspension of Work Order" issued by the Irrigation Consultant will be considered as unauthorized work and will not be paid for by the Owner. Any unauthorized work may be ordered removed and replaced at the Contractor's expense.

Notwithstanding the foregoing, the Owner retains sole authority to approve changes to Contract Sum or Contract Time. Irrigation Consultant decisions on that affect Contract Sum or Contract Time are not final until approved by the Owner.

43.01 CONFORMITY WITH PLANS AND ALLOWABLE DEVIATIONS

No deviations from the plans for the Work or deviations from approved change orders will be permitted without the written order of the Irrigation Consultant and approval of the Owner.

44.01 COORDINATION OF PLANS AND SPECIFICATIONS

The Contractor shall take no advantage of any apparent error, inconsistency or omission in the Contract Documents or the Plans or Specifications, but the Irrigation Consultant shall be permitted to make such corrections and interpretations as may be deemed necessary for the

fulfillment of the intent of the Contract Documents and the Plans and Specifications.

Any work not herein or on the plans specifically specified but which may be fairly implied or understood as included in the Contract, shall be done by the Contractor without extra charge.

Any ambiguity or discrepancy in the Plans or Specifications shall be adjusted by using the best class of work or materials.

In the case of any discrepancy between the scale and figures on all plans, details, etc., the figured dimensions shall govern.

In the case of any discrepancy between the quantities shown in the proposal and those shown on the plans, the plans shall prevail. In case any other discrepancy that occurs between the Plans and the Specifications, the decision of the Irrigation Consultant shall be decisive thereon.

45.01 CONTRACTOR'S RIGHT TO REQUEST CHANGES

If the Contractor shall discover prior to or during construction anything in the Plans or Specifications or in supplementary directions by the Irrigation Consultant which in the opinion of the Contractor appears to be omitted or in error, he shall forthwith advise the Irrigation Consultant in writing of the particulars. It is understood and agreed that, if no objections is raised by the Contractor under the provisions of this paragraph, the Contractor waives any right to contest the provisions of his Contract on the basis of faulty design.

46.01 ALTERATIONS OF PLANS OR CHARACTER OF WORK

The Plans and Specifications show the Work to be performed. Construction conditions may require that minor changes be made in locations and installation of the Work and equipment to be furnished and other work to be performed hereunder and the Contractor when ordered by the Irrigation Consultant shall make such adjustments and changes do not alter the quantity or cost of the Work as a whole and provided further the Plans and Specifications showing such adjustments and changes are furnished the Contractor by the Irrigation Consultant within a reasonable time and before any work involving such adjustments and changes are made.

Notwithstanding the foregoing, the Owner retains sole authority to approve changes to Contract Sum or Contract Time. Irrigation Consultant decisions on that affect Contract Sum or Contract Time are not final until approved by the Owner.

48.01 CHANGES IN THE WORK

The Owner, to the extent authorized by law, may order and direct extra work or make changes in the Work by altering, adding to, or deducting from the Work without invalidating the Contract, and the Contract sum will be adjusted accordingly. No such order for extra work or change shall be valid unless communicated to the Contractor in writing. All such work shall be executed under the conditions of the original Contract, except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

The value of any authorized extra work or change shall be determined for purpose of compensating the Contractor in one or more of the following ways:

By unit prices named in the Contract wherever such unit prices are applicable to the extra work or change.

By an acceptable lump sum proposed from the Contractor and accepted in writing by the Owner.

Where the above does not apply and Owner and Contractor cannot agree, then by force account paid for in the following manner:

For all labor and foreman in direct charge of the specific work, the Contractor will receive the actual wages paid for each and every hour that said labor and foreman are actually engaged in such work, plus the cost of bond, insurance, and taxes allowable to such wage cost, to which cost shall be added *ten (10)* percent of the sum thereof for overhead and profit. No additional charge shall be made by the Contractor for organization or overhead expenses or profit.

For all materials unused, the Contractor will receive the actual cost of such materials including freight charges as shown by original receipts or bills, to which cost shall be added *ten (10)* percent of the sum thereof.

Where materials are not specifically purchased for "Force Account" work, but are taken from the Contractor's stock, the Contractor shall submit an affidavit of the quality, price and freight on such materials in lieu of original bills and invoices. The affidavit shall be approved by the Owner.

For any machinery, trucks, or equipment including fuel and lubricants, which it may be deemed necessary or desirable to use, the Contractor will receive a reasonable rental price, for each and every hour that said machinery, trucks and equipment are in use on such work, and to which sum no percentage will be added. Such rental price shall not exceed the rates established by the A.G.C. for this district for comparable rentals and shall be subject to the Owner approval.

The compensation as herein provided shall be received by the Contractor as payment in full for work done by "Force Account" and said ten percent (10%) for labor and said ten percent (10%) for materials shall be agreed to cover profit, superintendence, general expense, overhead, bond premiums, insurance and the use of small tools and equipment for which no rental is allowed.

The Contractor or his representative and the Irrigation Consultant or his representative shall compare records of work on a "Force Account" basis at the end of each day. Copies of records shall be made in triplicate on Force Account forms, provided for this purpose by the Owner and signed by both parties. To all such claims for Force Account work, the Contractor shall attach receipted bills for, or affidavits of materials used and freight receipts covering freight on such materials used, and said claims shall be presented to the Irrigation Consultant for payment not later than the fifth (5th) day of the month following that in which the work was actually performed and shall include all labor charges and material charges insofar as they can be verified.

49.01 CLAIMS AND PROTESTS

If the Contractor claims any instructions by drawings or otherwise to be unfair or involve extra cost under this Contract for which he would claim extra compensation, he shall give the Irrigation Consultant written notice thereof within a reasonable time after the receipt of such instructions, and in any event before proceeding to execute the work, except in emergency endangering life or property, and the procedure shall then be as provided for changes in the Work. No such claims will be valid unless so made.

51.01 THE RIGHT OF THE OWNER TO DO THE WORK

If the Contractor should neglect to prosecute the Work properly, or fail to perform any provision of the Contract, the Owner after three (3) days written notice to the Contractor, may without prejudice to any other remedy the Owner may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor.\

52.01 RIGHT OF THE OWNER TO DECLARE CONTRACTOR IN DEFAULT

In addition to those instances specifically referred to in other Articles herein, the Owner shall have the right to declare the Contractor in default of the whole or any part of the Work if any of the following persist uncured for 10 days after written notice of the Owner's intention to declare a default:

The Contractor becomes insolvent; or if

The Contractor makes an assignment for the benefits of creditors pursuant to the statutes of the State; or if

A voluntary or involuntary petition in bankruptcy be filed by or against the Contractor; or if

The Contractor fails to commence work when notified to do so by the Irrigation Consultant; or if

The Contractor shall abandon the Work; or if

The Contractor shall refuse to proceed with the Work; or if

The Contractor shall without just cause reduce his working force to a number which, if maintained, would be insufficient, to complete the Work in accordance with the approved Progress Schedule, and shall fail or refuse sufficiently to increase such working; or if

The Contractor shall sublet, assign, transfer, convey or otherwise dispose of this Contract other than as herein specified; or if

A receiver or receivers are appointed to take charge of the Contractor's property or affairs; or if

The Contractor is or has been unnecessarily or unreasonable or willfully delaying the performance and completion of the Work; or the award of necessary sub-contracts, or the placing of necessary material and equipment orders; or if

The Work cannot be completed within the time herein provided therefore or within the time to which such completion may have been extended for reasons attributable to matters within the Contractor's control; or if

The Work is not completed within the time herein provided therefore or within the time to which the Contractor may be entitled to have such completion extended.

53.01 EXERCISE OF THE RIGHT TO DECLARE IN DEFAULT

The right to declare in default for any of the grounds specified or referred to in Article 51 thereof, shall be exercised by sending the Contractor a notice, signed by the Owner, setting forth the ground or grounds upon which such default is declared.

54.01 QUITTING THE SITE

Upon receipt of such notice the Contractor shall immediately discontinue all further operations under this Contract and shall immediately quit the site, leaving untouched all plant, materials, equipment, tools and supplies then on the site.

55.01 COMPLETION OF THE WORK AFTER DEFAULT

The Owner, after declaring the Contractor in default, may then have the Work completed by such means and in such manner, by contract with or without public letting, or otherwise, as it may deem advisable, utilizing for such purpose such of the Contractor's plant, materials, equipment, tools, and supplies remaining on the site, and also such subcontractors as it may deem advisable.

After such completion, the Irrigation Consultant shall make a certificate stating the expenses incurred in such completion, which shall include the cost of re-letting and also the total amount of liquidated damages (at the rate provided for in the Special Conditions) from the date when the Work should have been completed by the Contractor in accordance with the terms hereof to the date of actual completion of the Work. Such certificate shall be binding and conclusive upon the Contractor, his Sureties, and any person claiming under the Contractor, as to the amount thereof.

The expense of such completion, as so certified by the Irrigation Consultant shall be charged against and deducted out of such monies as would have been payable to the Contractor, if he had completed the Work; the balance of such monies, if any, subject to the other provisions of this Contract, to be paid to the Contractor without interest after such completion. Should the expense of such completion, so certified by the Irrigation Consultant, exceed the total sum which would have been payable under this Contract if the same had been completed by the Contractor, and such excess shall be paid by the Contractor to the Owner upon demand.

56.01 PARTIAL DEFAULT

In case the Owner shall declare the Contractor in default as to a part of the Work only, the Contractor shall discontinue such part, shall continue performing the remainder of the Work in strict conformity with the terms of the Contract, and shall in no way hinder or interfere with any other contractors or persons who the Owner may engage to complete the Work as to which the Contractor was declared in default.

The provisions of the clauses relating to declaring the Contractor in default as to the entire Work shall be equally applicable to a declaration of partial default except that the Owner shall be entitled to utilize for completion of the part of the Work as to which the Contractor was declared in default only such plant, materials, equipment, tools, and supplies as had been previously used by the Contractor on such part.

57.01 SCOPE OF PAYMENT

The Contractor shall receive and accept the compensation as herein provided, in full payment for furnishing all materials, labor, tools, equipment, royalties, fees, insurance permits, bonds, etc., and for performing all Work contemplated and embraced under the Contract, also for all loss or damage arising out of the nature of the Work, or from the action of the elements, until its final acceptance by the Owner, and for all risks connected with the prosecution of the Work, also for all expenses incurred by, or in consequence of, the suspension or discontinuance of prosecution of the Work as herein specified and for completing all of the Work embraced in the Contract.

The Contractor shall under this Contract price furnish and pay for all material and incidental work, furnish all accessories, and do everything which may be necessary to carry out the Contract in good faith, which contemplates everything completed, in good working order, or good material with accurate workmanship.

58.01 MEASUREMENTS

Before ordering any materials or doing any of the Work, the Contractor shall verify all measurements and shall be responsible for the same.

The contract is a lump sum contract. Absent an approved change order, no extra charge or compensation will be allowed on account of difference between actual dimensions and measurements indicated on the plans; any difference which may be found shall be submitted to the Irrigation Consultant for consideration before proceeding with the Work.

U.S. Standard Measures have been used in the measurement of all work to be completed and such measurements have been used as a basis for the computation of the quantities of work to be performed. If change order work is to be paid for by units of length, area, or volume, only the net amount of work actually done, as it shall appear in the finished Work and herein specified shall be paid for, local customs to the contrary notwithstanding.

59.01 APPLICATION FOR PAYMENTS

Prior to the first application for payment, the Contractor shall submit to the Irrigation Consultant a schedule of values for the various parts of the Work, including the quantities, aggregating the total sum of the Contract divided so as to facilitate payments to subcontractors, made out in such form and supported by such evidence as to its correctness as the Irrigation Consultant may direct. The Contractor shall submit to the Irrigation Consultant an application for each payment verified as required by law for claims against the Owner, and, if required, receipts or other vouchers showing his payments for materials and labor including payments to subcontractors.

Application for progress payments authorized by the Contract shall be submitted by the 5th day of the month following the months for which payment is requested. In applying for payments the Contractor shall submit a statement based upon this schedule, supported by such evidence as the Irrigation Consultant may direct, showing his right to payment claimed. Payment claimed on account of materials delivered and suitably stored at the site, but not incorporated in the Work, shall, if required by the Irrigation Consultant, be conditioned upon submission by the Contractor of bills of sale, or such procedure as will establish the title of the Owner to such material, or otherwise adequately protect the interest of the Owner. The Irrigation Consultant will examine claims for payment promptly, and his determination of the amount due on progress payments will be final. *Applications shall be made on AIA Document G702 with the accompanying Continuation Form.*

60.01 PARTIAL PAYMENTS

A. Provisions Applicable to All Contractors:

Prior to substantial completion, unless payments are withheld by the Owner for reasons hereinbefore stated, or as stated in 62.01 of this article, payment will be made at least once a month on a basis of ninety percent (95%) of the Work done, provided the Work is progressing to the satisfaction of the Irrigation Consultant, *five percent (5%)* will be retained.

Prior to substantial completion, monthly estimates may include the value of acceptable materials required in the construction, which have been delivered on the site of the Work, and for which acceptable provisions have been made for their preservation and storage. From the total value of the materials so reported, *five percent (5%)* will be retained. Such material, when so paid for by the Owner, shall become the property of the Owner, and in the event of the default on the part of the Contractor, the Owner may use or cause to be

used such materials in the construction of the Work provided for in the Contract. The amount thus paid by the Owner for materials shall go to reduce estimates due the Contractor as the material is used in the Work.

After substantial completion, the Owner will retain \$500 plus 250% of the estimated cost to correct or complete the remaining work.

Vouchers will be processed for payment by the Owner *not later than the third Tuesday* of the following month, unless delayed by requirements for examination or auditing by other authorities.

B. No Contract Bond. No Partial Payments

If the Contractor has not given the Owner a Contract Bond acceptable to Owner for the completion any payment of the Work, no partial payments shall be made, but only one final payment shall be made pursuant to, and on all conditions stated in Article 60 hereof.

61.01 CERTIFICATE OF PAYMENT

If the Contractor has made application as above, the Irrigation Consultant shall, no later than the date when each payment falls due, issue to the Contractor a certificate for such amount as he determines to be properly due.

No certificate issued nor payment made to the Contractor, no partial, or entire, use, or occupancy of the Work by the Owner, shall be acceptance of the Work or materials not in accordance with this Contract.

62.01 PAYMENTS WITHHELD

The Owner may withhold, In addition to a retained percentage, for payment to the contractor such an amount or amounts as may be necessary to cover:

- a.) Defective Work not remedied.
- b.) Claims for labor or materials furnished the Contractor or subcontractor, or reasonable evidence indicating probable filing of such claims.
- c.) Failure of the Contractor to make payments properly to subcontractors or for materials or labor.
- d.) A reasonable doubt that the Contract can be completed for the balance then unpaid.
- e.) Evidence of damage alleged to be caused by the Contractor to other persons or property in connection with the Work under the Contract for which claim has been or will be asserted against the Contractor, the Owner or the Irrigation Consultant.

The Owner may disburse and shall have the right to act as agent for the Contractor in disbursing such funds as have been withheld pursuant to this paragraph to the party or parties who are entitled to payment there from, but the Owner assumes no obligation to make such disbursement. The Owner will render to the Contractor an accounting of all such funds disbursed.

63.01 PROMPT PAYMENT OF CONTRACTORS

The Contractor shall pay any subcontractor within ten days of the Contractor's receipt of payment from the City for undisputed services provided by the subcontractor. The Contractor shall pay interest of 1½ percent per month or any part of a month to the subcontractor on any undisputed amount not paid on time to the subcontractor. The minimum monthly interest penalty payment for an unpaid balance of \$100 or more is \$10. For an unpaid balance of less than \$100, the

Contractor shall pay the actual penalty due to the subcontractor. A subcontractor who prevails in a civil action to collect interest penalties from a Contractor must be awarded its costs and disbursements, including attorney's fees, incurred in bringing the action.

64.01 FINAL PAYMENT

Upon final completion of the Work the Irrigation Consultant shall conduct a visual review of the work and prepare a summary of the findings. The Irrigation Consultant shall certify in writing to the Owner as to the completion of the Work appears to be consistent with the intent of the plans and specifications and that the value of the Work in accordance with the terms of the Contract.

Before issuance of final payment, the Contractor shall submit:

1. Notice of consent to final payment from bonding company.
2. Lien waivers from all subcontractors and suppliers.
3. Warranty bond from bonding company.
4. Irrigation as-built plan
5. All manufacturer literature and manuals.

65.01 CORRECTION OF WORK AFTER FINAL PAYMENT

Neither the final certification, nor payment, nor any provision of the Contract Documents, shall relieve the Contractor of the responsibility for faulty material or workmanship, and unless otherwise specified he shall remedy any defects due thereto and pay for any damage to other work resulting there from which shall appear within a period of one from the date of the final inspection acceptance report. The Owner shall give notice of observe defects with reasonable promptness. All questions arising under this Article shall be decided by the Golf Architect.

66.01 NO WAIVER OF LEGAL RIGHTS

The Owner, or its Irrigation Consultant, shall not be precluded or stopped by any measurement, estimate or certificate, made or given by them, or by any of their agents or employees, under any provision or provisions, of the Contract, any time either before or after the completion and acceptance of the Work and payment thereof pursuant to any measurements, estimate or certificate, from showing the true and correct amount and character of the work performed and materials furnished by the Contractor or from showing at any time, that any such measurements, estimate or certificate is untrue or incorrectly made in any particular or to the Specifications and Contract, and the Owner shall have the right to reject the whole or any part of the aforesaid work or material, should the measurement , estimate , certificate or payment be found, or be known to be inconsistent with the terms of the Contract, or otherwise improperly given, and the Owner shall not be precluded or stopped notwithstanding any such measurement, estimate, certificate and payment in accordance herewith, from demanding and recovering from the Contractor and his Surety such damages as it may sustain by reasons of his failure to comply with the terms of the Specifications and the Contract.

67.01 GUARANTEE

The Contractor shall warrant his construction to be free from defects in material and workmanship, including the manner of installation, for a period of one (1) year following final acceptance by the Irrigation Consultant Owner **except trench settling and any pipe/fitting failures will be guaranteed for (2) years.**

The Contractor shall warranty all forms of construction deficiency including, but not limited to, settling of trenches, settling of irrigation or drainage components, settling of tee and green surfaces, settling

or cracking of paved surfaces and dead plant material. However, this warranty shall be valid only if the installation is properly maintained and operated under normal conditions and in accordance with the manufacturer's instructions. The Contractor shall, upon written notice by the Owner, immediately replace and make good without expense to the Owner any such faulty part or parts and damage done by reasons of the same, during the period of one (1) year from the date of final acceptance of the Work. The date of the substantial completion report shall be considered the beginning of the warranty period.

If Contractor does not promptly comply within a period of thirty (30) days with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or the rejected Work removed and replaced, and all direct and indirect costs of such removal and replacement, including compensation for additional professional services, shall be paid by Contractor.

FORMAL BID PROPOSAL

River Oaks Golf Course Improvements & Irrigation

The undersigned, being familiar with the local conditions affecting the work, and with the Contract documents, including Instructions to Bidders, General Conditions, Special Provisions, and Technical Provisions of the specifications, the required experience, the plans and bond requirements on file at the office of Norby Golf Course Design of Chaska, MN. hereby proposes to furnish all labor, materials, equipment, and service necessary for and incidental to the construction work as shown in the plans and specifications prepared by Norby Golf Course Design dated **September 23, 2022**. The prices listed below shall include all costs including profit, overhead, general conditions, taxes, fees, permits and supervision.

Total HDPE/TORO G4 OSMAC SMART HUB Irrigation Lump sum Bid \$ _____

Estimated Start Date _____

Estimated Completion Date _____

<u>ALTERNATES</u>	<u>DESCRIPTION</u>	<u>CIRCLE ONE</u>
Alternate #1	Eliminate removal of existing irrigation equipment (approx. 750 sprinklers)	Add/Deduct \$ _____

UNIT PRICES

All Bidders must provide Unit Prices in this section for all items. The undersigned agrees, if changes to the project are required and approved by Owner in accordance with requirements of the Contract Documents, that the cost of such changes will be determined on the basis of the following Unit Prices taken times the actual quantity of such materials, installed as a result of such change as measured by the Irrigation Consultant. The undersigned further agrees that each Unit Price include the cost of all labor, material, sales tax, overhead, profit, insurance, and all other incidentals required to cover the completion of the work of that Unit Price item in accordance with the Drawings, Specifications and Contract Documents, including excavating, trenching and backfilling unless otherwise indicated, the sum of the unit pricing does not equal the total of the lump sum irrigation bid.

Unit Price #1	EC Design Group, Ltd Site Staking/Construction Observation as included in base bid per lump sum.	<u>\$16,500.00</u>
Unit Price #2	EC Design Group, Ltd GPS/GIS Record Drawings & Central Hydraulic Programming as included in base bid per lump sum.	<u>\$22,500.00</u>
Unit Price #3	Irrigation Contractor to include Grow-In/Quick Start Programming by Wholegood distributor upon Irrigation Consultant & Superintendent approval prior to Irrigation Consultant final map as included in base bid per each	<u>\$5,500.00</u>
Unit Price #4	Toro INF34 LSM series full circle gear driven rotor, 1" Body w/1 1/4" swing joint, piping, fittings, 24VAC splices and all associated equipment (Owner supplied wholegoods)	\$ _____

Unit Price #5	Toro INF35 LSM series part circle gear driven rotor, 1" Body w/1 ¼" swing Joint, piping, fittings, 24VAC splices and all associated equipment (Owner supplied wholegoods) per each.	\$ _____
Unit Price #6	Toro 474-00 1" Quick coupler valve with swing joint & stabilizer – complete (Owner supplied wholegoods) per each	\$ _____
Unit Price #7	2" 360° AquaFuse PE Lateral Isolation Assembly (as specified) per each	\$ _____
Unit Price #8	3" Clow Resilient Wedge HDPE Stub-out Isolation Valve per each (as specified w/labor and material)	\$ _____
Unit Price #9	4" Clow Resilient Wedge HDPE Stub-out Isolation Valve per each (as specified w/labor and material)	\$ _____
Unit Price #10	6" Clow Resilient Wedge HDPE Stub-out Isolation Valve per each (as specified w/labor and material)	\$ _____
Unit Price #11	8" Clow Resilient Wedge HDPE Stub-out Isolation Valve per each (as specified w/labor and material)	\$ _____
Unit Price #12	10" Clow Resilient Wedge HDPE Stub-out Isolation Valve per each (as specified w/labor and material)	\$ _____
Unit Price #13	12" Clow Resilient Wedge HDPE Stub-out Isolation Valve per each (as specified w/labor and material)	\$ _____
Unit Price #14	2" HDPE DR 13.5 4710 Pipe per lineal foot (labor and material)	\$ _____
Unit Price #15	3" HDPE DR 13.5 4710 Pipe per lineal foot (labor and material)	\$ _____
Unit Price #16	4" HDPE DR 13.5 4710 Pipe per lineal foot (labor and material)	\$ _____
Unit Price #17	6" HDPE DR 13.5 4710 Pipe per lineal foot (labor and material)	\$ _____
Unit Price #18	8" HDPE DR 13.5 4710 Pipe per lineal foot (labor and material)	\$ _____
Unit Price #19	10" HDPE DR 13.5 4710 Pipe per lineal foot (labor and material)	\$ _____
Unit Price #20	10" HDPE DR 13.5 4710 Pipe per lineal foot (labor and material)	\$ _____
Unit Price #21	Paige Electric #12/2 type Maxi Decoder wire for underground burial in mainline pipe trench per lineal foot	\$ _____
Unit Price #22	#6 AWG Solid bare copper wire (only for Smart Hub grounding) per linear foot (no shielding wire required)	\$ _____
Unit Price #23	Paige Electric ground rod assembly w/grounding gem set per each	\$ _____
Unit Price #24	Paige Electric 36" ground plate assembly w/grounding gem set per each	\$ _____
Unit Price #25	Paige Electric 96" ground plate assembly w/grounding gem set per each	\$ _____
Unit Price #26	Maintenance Radio w/DTMF – Qty (4) included in base bid per each (as per manufacturers recommendations)	\$ _____

- Unit Price #27 Apple iPad/Verizon (Qty. 1) WiFi with central control application and LifeProof cover (as specified) per each \$ _____
- Unit Price #28 Bermad Air/Vacuum Relief Valve (as specified) (10) on base bid per each \$ _____
- Unit Price #29 Spare Parts (included in base bid) per each \$ _____
- Unit Price #30 A component of the Lump Sum Bid shall be a (25) INF sprinklers (purchased by Owner) contingency. This (25) head contingency shall be bid as all components (less sprinklers) necessary to install additional head(s), as the Owner or Owner's Representative see fit. These head(s) shall include piping, fittings, swing joints, wiring, splice kits, and other incidentals necessary. This contingency does not include additional controller(s). This expense if needed will be borne by the Owner. Following will be a unit price for this contingency. This contingency shall be included in the Lump Sum Bid but the Owner shall reserve the right to divide the (25) contingency unit price by (25) to determine a credit, if any at the conclusion of the project. \$ _____
- Unit Price #31 A component of the Lump Sum Bid shall be a (25) Q.C.V. (valves purchased by Owner) contingency. This (25) valve contingency shall be bid as all components (less valves) necessary to install additional Q.C.V(s), as the Owner or Owner's Representative see fit. These valve(s) shall include piping, fittings, swing joints, and other incidentals necessary. This expense, if needed, will be borne by the Owner. Following will be a unit price for this contingency. This contingency shall be included in the Lump Sum Bid but the Owner shall reserve the right to divide the (25) contingency unit price by (25) to determine a credit, if any, at the conclusion of the project \$ _____

Rock Clause (where standard vibratory pulling or trenching/backhoe equipment cannot be utilized for installation)

2"	\$ _____ per lin. Ft
3"	\$ _____ per lin. Ft
4"	\$ _____ per lin. Ft
6"	\$ _____ per lin. Ft
8"	\$ _____ per lin. Ft
10"	\$ _____ per lin. Ft

Removal and replacement of all unsuitable (deleterious) material \$ _____ per cu yd for backfill (owner supplied replacement material)

Contractor supplied backfill material \$ _____ per cu yd

Commodity Pricing:

2" HDPE DR 13.5 4710 Pipe (material unit price only)	\$ _____ per lin. Ft**
3" HDPE DR 13.5 4710 Pipe (material unit price only)	\$ _____ per lin. Ft**
4" HDPE DR 13.5 4710 Pipe (material unit price only)	\$ _____ per lin. Ft**

6" HDPE DR 13.5 4710 Pipe (material unit price only)	\$_____ per lin. Ft**
8" HDPE DR 13.5 4710 Pipe (material unit price only)	\$_____ per lin. Ft**
10" HDPE DR 13.5 4710 Pipe (material unit price only)	\$_____ per lin. Ft**
12" HDPE DR 13.5 4710 Pipe (material unit price only)	\$_____ per lin. Ft**
#4 tray cable 220V field power (as required)	\$_____ per lin. Ft**
#6 tray cable 220V field power (as required)	\$_____ per lin. Ft**
#8 tray cable 220V field power (as required)	\$_____ per lin. Ft**
#12 Paige Electric comm cable for underground burial in main line pipe trench (material unit price only)	\$_____ per lin. Ft**

*****Commodity pricing shall include all applicable taxes at no additional cost to the Owner. Commodity pricing will be reviewed and re-evaluated by club with winning contractor prior to purchasing material.***

CONTRACTOR KEY PERSONEL

List the key staff which the contractor will utilize on the project.

Irrigation Superintendent _____

Years with company _____

Similar projects in upper Midwest

1. _____

2. _____

3. _____

Irrigation Foreman _____

Years with company _____

Similar projects in upper Midwest

1. _____

2. _____

3. _____

STATEMENT OF EXPERIENCE

The Bidder shall list golf irrigation installation projects and references for which he provided services of a similar scope and magnitude to the subject project. The Contractor shall include a minimum of ten projects within the past three (3) years that include irrigation installation utilizing HDPE main line and lateral piping.

<u>Project and Location</u>	<u>Contract Amount</u>	<u>Reference and Phone No.</u>
1. _____		
2. _____		
3. _____		
4. _____		
5. _____		
6. _____		
7. _____		
8. _____		
9. _____		
10. _____		

Total HDPE System Installation Resume (hybrids not allowed):

1. _____
2. _____
3. _____
4. _____
5. _____

Total Two-Wire System Installation Resume (Toro):

1. _____
2. _____
3. _____
4. _____
5. _____

Total Lynx Smart Hub Installation Resume (Toro):

1. _____
2. _____
3. _____
4. _____
5. _____

Contractor to state size of crew that will be maintained throughout project:

Mainline installation staff _____

Lateral line installation staff _____

Prior to award of contract, the Owner will need to verify the quality of the Contractor's work. Therefore, River Oaks Golf Course and its representatives reserve the right to contact the references listed above and inquire of the Contractor's performance.

All requests for changes resulting in addenda must be submitted to the Irrigation Consultant no later than 10 days prior to bid due date and acknowledged as follows:

Addenda

The undersigned acknowledges receipt of the following addenda, copies that are attached hereto:

No. _____ Dated _____

No. _____ Dated _____

No. _____ Dated _____

No. _____ Dated _____

Acceptance

In submitting this bid, it is understood that the right is reserved by the Owner to reject any or all bids and waive informalities, and it is agreed that this bid may not be withdrawn for a period of at least 60 days after bid opening. The successful Bidder agrees to enter into a contract in the Form of Contract by Owner. The undersigned hereby designates as his office to which such notice of award may be mailed, faxed, telegraphed or delivered:

Submitted By

Contractor By _____

Address Title _____

Date

Division 1
General Requirements

Section 01100 Special Provisions

These Special Provisions modify, amplify, amend, or void the applicable materials and sections of the General Conditions and the Project specifications and shall apply with equal force as said General Conditions of Contract.

1. Project Location. River Oaks Golf Course is located at 11099 S. Highway 61 Cottage Grove, MN 55016.
2. Project Description. River Oaks Golf Course opened in 1991 and is owned and operated by the City of Cottage Grove. The project involves the installation of a new irrigation system.
G4
3. Permits. The Contractor shall be responsible for an MS-4 NPDES permit and any required grading or erosion control permits from the City. The Owner shall be responsible for obtaining any wetland alteration or watershed permits which may be required. A permit may also be required to work near the powerlines on hole 5 tees. If required, the City shall provide the stormwater pollution prevention plan (SWPPP).
4. Site Access and Staging. The Contractor shall stage equipment, materials and their job trailer at the maintenance facility parking lot. The contractor shall be expected to repair any damage to existing pavement, cart paths, vegetation or irrigation components.
5. Materials provided by Owner. The Owner has purchased all proprietary irrigation wholegoods including Toro heads, satellites and quick coupler valves as well as all allied pipe and wire product. See attached list of materials purchased by Owner.

The Contractor shall provide all other irrigation materials including, but not limited to, valves, fittings, etc.

6. Tree Removal. All tree removal and chipping of stumps shall be completed by the Owner prior to construction. The Contractor shall be responsible for the removal of any materials generated during construction as well as any finish grading or sod repair.
7. Irrigation. The Contractor shall be responsible for the installation of a new irrigation system including pump station w/enclosure, Toro Lynx central upgrade with G4 OSMAC control system, maintenance radios, RF/solar weather station, Infinity sprinklers and HDPE main and lateral piping with fused fittings. The Owner shall supply select pipe and Toro wholegoods and allied pipe and wire materials as purchased from MTI (see attached materials order list). The Contractor shall be responsible for providing and installing all additional materials necessary for the proper installation and operation of an automatic irrigation system.

The Owner shall be responsible for demolition and removal of the existing pumphouse, pump equipment and wet well.

Section 01200

Summary of the Work for Site Improvements

1.01 SCOPE:

- A. The project includes all labor and materials as required to complete the work as outlined in the plans and specifications.

1.02 RESPONSIBILITY OF CONTRACTOR

- A. The Contractor shall be responsible for the total Work of this component included within the specifications and drawings as prepared by the Irrigation Consultant.
- B. The Contractor shall be responsible for the scheduling and general management of the work of the Project and for the acts and omissions of all their employees; all subcontractors, their agents and employees; and all other persons performing any of the Work under a subcontract with the Contractor.
- C. The Contractors shall supervise and direct the Work, using their best skills and attention. They shall be solely responsible for all construction means, methods, techniques and procedures and for coordinating all portions of the Work under the Contract.
- D. The Contractors shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work.

1.03 COMMENCING WORK

- A. The Contractor shall not commence work nor allow any subcontractor to commence work until the Owner has issued a Notice to Proceed. A preconstruction meeting shall be held and construction shall commenced immediately after receipt of written notice to proceed.

1.04 STORAGE OF MATERIALS

- A. The Contractor shall arrange with the Owner for the storage of his materials on the job site. Materials such as wood and steel shall not be piled directly on the ground. Coverings shall be watertight and substantial to prevent blowing away by the wind.

1.05 LAYOUT OF WORK

- A. Prior to the start of any construction, all tee and green centers, dogleg points and ponds shall be staked with durable, easily visible stakes. Stakes shall be flagged with ribbons and labeled for identification. The Contractor shall be responsible for all staking as required to complete the work. The Contractor shall retain a Registered Land Surveyor as required to run and/or verify all lines and grades locating their work, establish correct datum points, and check each line and grade on the site to insure their correctness. All such lines and grades shall be carefully preserved throughout construction.
- B. All Contractors shall verify and layout all work from dimensions give on Drawings: and shall be responsible for the correctness of all measurements, and shall verify all grades, lines, levels, elevations and dimensions shown on the Drawings. Contractors shall take measurements and verify dimensions of existing work, if any, that affect his work or inconsistencies to the Irrigation Consultant prior to commencing Work.

Section 01250

Substitutions of Materials

1.01 SUBSTITUTIONS OR APPROVALS PRIOR TO BIDDING

- A. The Contractor may request, in writing, the approval of the Irrigation Consultant to substitute materials, products or equipment for proprietary products specified, unless the particular Specification prohibits such substitution. The Irrigation Consultant's approval be required even though "or equal" or synonymous terms are used.
- B. The specified products have been used in the design of the project and the preparation of the Drawings and Specifications, and as such establish minimum standards of function, dimension, appearance and quality necessary and requisite for this project which substitutes must meet to be considered acceptable. The burden of proof of equality rests with the Contractor.
- C. Requests for substitution shall be submitted to the Irrigation Consultant in writing. Requests shall clearly describe the material, product or equipment for which approval is requested and shall be accompanied by manufacturer's literature, specifications, drawings, performance data or other information necessary to completely describe the item and establish it's acceptability.
- D. In submitting his request for substitution, the Contractor agrees that if his proposed material, product or equipment is approved and subsequently used in the Work, he shall assume all costs incurred on account of additional Work and changes required to incorporate his product into the project including all such work and changes performed under other Contracts.
- E. The approval or rejection of a proposed substitution is vested in the Irrigation Consultant whose decision shall be final and binding. The determination may or may not express the reason for the decision.
- F. If the specified material becomes unavailable during construction because the specified item is no longer manufactured, the specified item is unavailable as a result of an act of government such as declaration of a national emergency, or delivery of the specified item is substantially delayed, as a result of labor disputes affecting the manufacturer, unusual delay in transportation, or any other cause beyond control of the Contractor or subcontractor, the Contractor shall promptly notify the Irrigation Consultant in writing and request a substitution. Request will not be approved where the delay in delivery results from failure to promptly place subcontracts and materials orders.
- G. The intent of this Specification is not to eliminate properly qualified entrants from competition, but to confine the bidding on the part of contractors, manufacturers and dealers, to those whose standing and qualifications are such that the Irrigation Consultant feels warranted in giving them their approval. If however, any bidder desires to have consideration given to individuals, firms, materials, brands, makes, etc, other than specified, he may have the privilege to submit to the Irrigation Consultant for written approval a complete list of proposed substitutions of materials any time prior to ten (10) calendar days of the hour and day set for opening bids. All requests shall clearly define and describe materials or equipment for which approval is required. Requests shall be accompanied by manufacturer's literature, specifications, drawings, cuts, performance data, etc., where same is necessary to completely describe product.

- H. Approvals will be made only by addendum duly numbered, dated and issued and delivered to each bidder receiving a set of Contract Documents, so that bidders may have an opportunity to familiarize themselves with such information prior to submission of their proposals.
- I. It is hereby understood and agreed by all bidders that all bids will be based upon materials specified. No substitutions will be permitted after the bids have been submitted except as permitted in the contract documents.

1.02 SUBSTITUTIONS OR APPROVALS AFTER BIDDING

- A. Since all bids are based upon material and equipment as specified or approved prior to bidding, the Irrigation Consultant and Owner will not consider substitutions after bidding except in such cases where it is necessary to make a substitution because of strikes, lockouts, bankruptcy, discontinuing of a product, etc. Requests for such substitutions of materials after award of a contract shall be made within ten (10) days of date that Contractor ascertains he cannot obtain material or equipment specified. Such requests shall be accompanied by a complete description of material or apparatus on which a substitution is desired to be made. Substitutions of materials or apparatus other than those specified will not be accepted except upon recommendations of the Irrigation Consultant to the owner and with written approval of Owner.

Section 01300

Temporary Facilities and Cleaning Up

1.01 GENERAL

- A. Each Contractor shall arrange for the installation and removal of all temporary facilities required by them and specified herein.

1.02 TEMPORARY OFFICE AND TELEPHONE

- A. The Contractor shall provide office facilities according to his needs. Office facilities may be relocated, when appropriate, to space within the work when such space is suitable.
- B. The Contractor shall provide the Irrigation Consultant and Owner with a telephone number where the Contractor can be conveniently reached.
- C. The Contractor shall maintain an adequate First Aid Kit in his office for use by his employees and emergency use by employees of other Contractors or Subcontractors.

1.03 TEMPORARY PROTECTION

- A. The Contractor shall protect excavations, trenches, other temporary work, and other work of the Project from damage from water including ground water, rain water, ice and snow, backing up of sewers, etc. Keep excavations and trenches free from water during the progress of the work, and provide temporary enclosures, pumps and equipment and do all grading, pumping, bailing or other work necessary to insure this protection. Erosion control measures such as hay bales shall be provided where necessary to prevent soil erosion on and around the site.

1.04 TEMPORARY WORK

- A. The Contractor shall provide temporary bracing and shoring, barricades, and such other temporary work as may be necessary for the execution of the work and the protection of persons and property. Remove temporary work when the need no longer exists.

1.05 CLEANING UP

- A. In addition to the cleaning up required by the General Conditions, the following cleaning shall be provided upon completion of the work.
 - 1. Each Contractor or Subcontractor shall remove from the Project and the site all waste and surplus material, rubbish, tools and equipment. Each Contractor or Subcontractor shall clean all surfaces, systems, items and fixtures provided by his Contract, including the removal of labels, stamps, grease, oil, dust, stains, etc. Each Contractor or Subcontractor shall remove from the work of each other Contractor grease, oil, dust, stains, or any other soiling for which he is responsible.
 - 2. If accomplished prior to completion of the Project, all cleaned surfaces shall be maintained in clean condition until all work operations have been completed or the Owner occupies the Project. After Completion of cleaning operations, recleaning of any soiled areas shall be the responsibility of the Contractor causing such soiling.

3. If the Contractor fails to clean up as specified, the Owner may do so and charge the cost thereof to the various Contractors as provided in AIA Documents A201, Paragraph.
4. The cleaning of surfaces and removal of barricades, fencing, debris, etc. which were caused in part or directly by the contractor shall be considered incidental. Failure to adequately clean the site shall be reason to withhold payment to the contractor.

Section 01700 Contract Closeout

PART 1 GENERAL

1.01 SUBSTANTIAL COMPLETION AND PREPARATION OF PUNCHLIST

- A. Upon receipt of written notice from the Contractor that the work is *substantially* complete and ready for review and acceptance, the Irrigation Consultant shall promptly review the work. If such Work is not acceptable to the Irrigation Consultant at the time of this review, he will advise the Contractor in writing as to the particular defects to be remedied before such Work can be approved for final acceptance and final payment. This is essentially a “punch list” process.

1.02 FINAL COMPLETION

- A. When notified by the Contractor that all work has been completed and is ready for final review and acceptance, the Owner or Irrigation Consultant shall promptly review the work, and, when he finds the work acceptable under the Contract, he shall promptly issue a Certificate of Final Completion, with his own signature. If the work is not complete, the Owner or Irrigation Consultant shall recommend any final conditions or defects to the Contractor. Upon final acceptance and final completion, the entire balance of payment, including any retainage, shall be due the Contractor.

1.04 FINAL PAYMENT

- A. The Irrigation Consultant shall certify in writing to the Owner as to the completion of the Work appears to be consistent with the intent of the plans and specifications and that the value of the Work in accordance with the terms of the Contract.

Before issuance of final payment, the Contractor shall submit:

1. Notice of consent to final payment from bonding company.
2. Lien waivers from all subcontractors and suppliers.
3. Warranty bond from bonding company.
4. Irrigation as-built plan
5. All manufacturer literature and manuals.

1.05 RECORD DRAWINGS

- A. At the date of Substantial Completion the Contractor shall submit one copy of the required Irrigation and drainage As-Built Record Drawings to the *Irrigation Consultant and the Owner* marked to indicate all changes made to the Work during construction, and as provided for in The General Conditions. Final Application for Payment will not be approved until such drawings are received.

1.06 MATERIALS

- A. The Contractor shall turn over all extra or “attic-stock” materials specified in the Contract Documents (if any) to the Owner, and will provide a written checklist to the Owner of all such materials. Final Application for Payment will not be approved until such materials are received.

1.07 ACTIVATION OF WARRANTIES

- A. The Contractor shall prepare and submit to appropriate manufacturers, all data required by such manufacturers for activation of warranties and shall submit evidence to the *Irrigation Consultant* that such data has been submitted. Neither the *Irrigation Consultant* nor the Owner shall be responsible for the submission of data unless required by the Contract Documents and as requested in writing by the Contractor. Final Application for Payment will not be approved until such evidence is received.
- B. Failure of the Contractor to submit required data resulting in nullification of a warranty shall constitute assumption by the Contractor of any warranty provision that would have pertained if data had been properly submitted.

1.08 OPERATING INSTRUCTIONS AND MANUALS

- A. Representatives of the Owner including maintenance personnel shall be permitted to observe and familiarize themselves with all relevant equipment during assembly and installation.
- B. After installation is complete, the Contractor shall arrange to meet with the Owners representatives and instruct them in the use, operation, care and cleaning of the equipment. Only qualified personnel, thoroughly familiar with the use and maintenance of the equipment shall give instructions.
- C. The Contractor shall prepare and submit two (2) copies of Operating and Maintenance Manuals to the *Irrigation Consultant* for delivery to the Owner. All material shall be neatly printed or typewritten, labeled, indexed and securely bound. Final Application for Payment will not be approved until such manuals are received.
- D. All Operating and Maintenance Manuals shall contain the following information:
 - 1. Manufacturer's complete data sheets.
 - 2. Complete operating instructions and recommendations for the fuel type or any other materials used with the item.
 - 3. Maintenance data, repair and adjustment data including manufacturer's instructions.
 - 4. List of parts and part numbers, recommendations for spare parts to stock, and location of the nearest parts supply and service organization.
 - 5. Assembly drawings, wiring diagrams, mechanical diagrams, installation diagrams and instructions.
 - 6. Inspection Certificates required by the Contract Documents (if any), properly signed, for electrical, electronic, mechanical or other systems.
 - 7. Copies of all written guarantees or warranties as required by the Contract Documents for specified products or systems, and a checklist of all such items organized by section number.
 - 8. Complete lubrication data and schedules.
 - 9. Complete cleaning instructions including a listing of all recommended cleaning materials and systems.
- E. Provide special tools required by the Contract Documents and referenced by the Operating and Maintenance Manuals (if any) that are required for maintenance purposes (such as wrenches for door closers). Final Application for Payment will not be approved until such tools are received.

1.09 CLOSEOUT AFFIDAVIT SUBMITTALS

- A. The Contractor shall submit the following items to the *Irrigation Consultant* for approval and delivery to the Owner. Final Application for Payment will not be approved until such items are received.

1. Evidence of Payment: Submit Contractor's affidavit of Payment of Debts and Claims (AIA Form G706).
2. Release of Liens: Submit Contractor's affidavit of Release of Liens (AIA Form G706A).
3. Consent of Surety for Final Payment: Submit affidavit from Surety Company consenting to final payment in the full amount of the Contract (AIA Form G707).
4. Final Settlement of Contract with State of Minnesota: Submit Form IC-134 (Affidavit for Obtaining Final Settlement of Contract with the State of Minnesota and its Political or Governmental Subdivisions).
5. Insurance Coverage: Submit a certificate evidencing that continuing insurance coverage complies with requirements of the Contract Documents.

PART 2 PRODUCT (NOT APPLICABLE)

PART 3 EXECUTION (NOT APPLICABLE)

Division 2
Site Work

Section 02440 Irrigation System

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of Contract, including Bidding Requirements apply to work specified in this Section.

1.2 DESCRIPTION

- A. Remove existing and provide complete, assembled and installed pump station, slab, flume pipe, intake screen and main electrical hook up with all associated equipment (main disconnect, power to meter socket by Owner). Remove all existing irrigation components and provide complete, installed Toro Lynx central upgrade, G4 OSMAC satellites, Infinity sprinklers, complete drop "z-piping" connection to new pump station, HDPE mains, fused laterals and fused fittings with all associated equipment for the proper operation of an automatic sprinkler system (see legend for Owner supplied equipment). This system, when finished, will efficiently and effectively operate. Said system shall prove to be satisfactory in all aspects to the Owner and Owner's Representative and Irrigation Consultant. These specifications are to be followed with due perseverance in all respects. The following work includes but not limited to:
1. Pump station replacement – complete (see detail).
 2. Install central control upgrade, interface unit, OSMAC field satellites
 3. 24-VAC sprinklers
 4. Testing.
 5. Excavation and backfilling irrigation system work.
 6. Associated HDPE plumbing/fusion by certified CMF Global HDPE fusion contractor and accessories to complete the system.
 7. Wiring and sleeves (as required).

1.3 QUALITY ASSURANCE

- A. Installer's qualifications: The contractor or individual responsible for installation of the irrigation system shall have a minimum of 12 years of experience installing golf course irrigation systems of comparable size including the installation of at least ten (10) complete golf course irrigation systems of similar scope within the past three (3) years.
- B. Materials, equipment, and methods of installation shall comply with, but not limited to, the following codes and standards:
1. All local and state laws and ordinances, and with all the established codes applicable thereto.
 2. American Society of Irrigation Consultants (ASIC)
 3. National Fire Protection Association (NFPA);
 4. National Electrical Code (NEC).
 5. American Society for Testing and Materials (ASTM).
 6. National Sanitation Foundation (NSF).
 7. The Irrigation Association (IA).
- C. The Contractor shall take out all required permits, arrange for all necessary inspections and shall pay any fees and expenses in conjunction with the same as a part of the work under this Section.
- D. Excavating, backfilling, and compacting operations: Comply with execution requirements and as specified.
- E. Irrigation Contractor to include in lump sum bid EC Design Group Ltd Construction Observation @ \$16,500 for (5 max.) site visits and supply Irrigation Consultant with min. of (4) people for all staking visits, flags and (4) 100' tapes. Visits must be scheduled a minimum of 14 days prior to proposed visit and have 3 or more holes prepared for staking.

- F. Obtain Irrigation Consultant's acceptance of installed and tested irrigation system prior to installing backfill materials. **Contractor to include in lump sum bid EC Design Group, Ltd. GPS Mapping & Programming @ \$22,500 for collection of entire system as well as stake all irrigation equipment for ECD staff(s) GPS collection.**

1.4 SUBMITTALS

- A. Irrigation contractor to provide completed OSMAC 24-VAC station/sequence worksheet obtained from Irrigation Consultant prior to final approval.
- B. Submit manufacturer's product data and installation instructions for each of the system components.
- C. The contractor shall provide stamped drawings by a licensed electrical engineer (as needed) prior to construction for permitting the site.
- D. Submit the following material samples:
1. Wire, wire connectors and sealer.
- E. Submit the following equipment samples to Owner:
1. Valves and valve access boxes.
 2. Controller.
- F. Approved equipment samples will be returned to Contractor and may be used in the work.
- G. Upon irrigation system acceptance, submit written operating and maintenance instructions. Provide format and contents as directed by the Irrigation Consultant as well as completed station/address worksheet obtained from Irrigation Consultant.
- H. Provide irrigation system record drawings:
1. The record as-built drawings shall be the original plan of the irrigation system as constructed. The final as-built drawings shall be prepared electronically at a scale of 1" = 100'. The drawings shall consist of a piping plan, a schedule plan, and a wiring plan, indicating the location, type and size of all wires, valves and other fittings. The drawing shall show all electronic controls, connections and wire splices. Measurements shall be indicated on the plan between sprinklers and valves. All pertinent materials shall be dimensioned from three fixed objects (i.e., drain valves, lateral isolation valves, mainline isolation valves, and wire splice connections). Station numbers shall be indicated on the drawings.
 2. The as-built drawings shall be made by an agent of the Contractor who shall utilize engineering skills and procedures in a manner satisfactory to the Owner's Representative in accomplishing his work. The record drawings shall be kept clean, dry and safe from damage at all times. The drawings shall be brought up-to-date at the close of each working day, and shall accurately indicate the location of all equipment placed to that time. **In addition, a copy of the as-built drawing shall be mailed or delivered to the Owner's Representative every two weeks during the construction period. No monthly pay requests will be approved without a current copy of the as-built drawings. No final approval will be given until the Owner approves the as-built drawings. Final "as-builts" shall be delivered electronically via PDF and 2019 AutoCAD .dwg or newer.**
 3. Identify field changes of dimension and detail and changes made by Change Order.
 4. **GPS irrigation collection by the Irrigation Consultant and included in Contractor's lump sum bid, does not remove the obligation of the Contractor to produce all "as-built" drawings as stated above. All locations must be located and flagged by Contractor prior to collection of those points by EC Design Group Ltd.**

1.5 DELIVERY, LANDS FOR STORAGE AND HANDLING

- A. Deliver irrigation system components in manufacturer's original undamaged and unopened containers with labels intact and legible.
- B. Deliver plastic piping in bundles, packaged to provide adequate protection of pipe ends.

- C. Store and handle materials to prevent damage and deterioration. Store materials in locations designated and approved by the Owner.
- D. Provide secure, locked storage for wire, pump station and similar components that cannot be immediately replaced, to prevent theft and therefore avoid installation delays.
- E. Contractor has the right to a temporary construction facility for storage and protection of materials.

1.6 PROJECT CONDITIONS

- A. Prior to any excavation at the site, contractor shall examine any applicable drawings, if any available from the Owner and/or Irrigation Consultant and consult with Owner's personnel and utility company's representatives to determine possible utility locations and depths. No compensation will be allowed for damage to existing utilities and systems.
- B. Take precautions to insure that equipment and vehicles do not disturb or damage existing site grading, walks, curbs, pavements, utilities, plants, and other existing items and elements on public and private property.
- C. Promptly repair damages to adjacent facilities caused by irrigation system work operations. Cost of repairs at Contractor's expense.
- D. Promptly notify the Irrigation Consultant of unexpected sub-surface conditions.
- E. **Irrigation system layout is diagrammatic.** Exact locations of piping, valves, wire and other components shall be established by Irrigation Consultant in the field at time of installation and approved by the Owner or the Owners Representative before installation.
 - 1. Minor adjustments in system layout will be permitted to clear existing fixed obstructions.
 - 2. All field satellites, and the like shall be located above the 100-year flood plain.
- F. Cutting and patching (walks, drives, walls etc):
 - 1. Cut through concrete and masonry with core drills. Jackhammers not permitted.
 - 2. Materials and finishes for patching shall match existing cut surface materials and finish. Exercise special care to provide patching at openings in exterior wall watertight.
 - 3. Methods and materials used for cutting and patching shall be acceptable to the Irrigation Consultant & Owner. (See Architects plans for future public roadways/vaults etc).
- G. Protection of Persons and Property:
 - 1. Barricade open excavations occurring as part of this work and post warning lights.
 - 2. Operate warning lights as recommended by authorities having jurisdiction.
 - 3. Protect structures, utilities, sidewalks, pavements, curbs and other facilities from damage caused by settlement, lateral movement, undermining, washout and other hazards created by this work.

1.7 GUARANTEE

- A. For a period of one (1) year from date of **final acceptance** of work performed under this Section, the Contractor shall promptly furnish and install any and all parts and equipment which prove defective in material, workmanship or install at no additional cost to the Owner **except trench settling and any pipe/fitting failures will be guaranteed for (2) years.**

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS-OR PRE-APPROVED EQUAL

- A. THE TORO COMPANY, IRRIGATION DIVISION, RIVERSIDE, CA (**Owner to purchase all Wholegoods (Toro) in advance – see MTI material list**)

2.2 MATERIALS

- A. General:
1. Provide only new materials, without flaws or defects and of the highest quality of their specified class and kind.
 2. Comply with pipe sizes indicated. No substitution of smaller pipes will be permitted. Larger sizes may be used subject to acceptance of the Irrigation Consultant. Remove damaged and defective pipe.
 3. Provide pipe continuously and permanently marked with manufacturer's name or trademark, size, schedule and type of pipe, working pressure at 73 ° F. and National Sanitation Foundation (NSF) approval.
 4. **All pipe, fittings (HDPE) shall be supplied from the same manufacturer throughout the entire job (as specified & Owner purchased AquaFuse)**
- B. HDPE pipe, fusion fittings and connections:
1. Pipe and tubing shall be manufactured from a PE4710 resin listed with the Plastic Pipe Institute (PPI) as TR-4. The PE 4710 resin material will meet the specifications of ASTM D 3350-09 with a minimum cell classification of PE 445474C. Pipe shall be manufactured to the dimensions and requirements of ASTM F714. The pipe shall contain no recycled compounds except that generated in the manufacturer's own plant from resin of the same specification from the same raw material. All HDPE pipe shall be in straight lengths or coils.
 2. Pipe shall be AquaFuse as supplied by CMF Global (purchased by Owner).
 3. Main Line Isolation Valves shall be Clow/AquaFuse (or approved equal) isolation valves. They shall be PE 4710 and have operating nut and be pipeline size or as per plan.
 4. All gate valves shall be AquaFuse with stainless steel stem and HDPE stubs – see plan.
 5. Mechanical taps on 2", 3" and 4" pipe for sprinkler connections can be made using saddle tee with 1 ½" Acme thread outlet, drilling the hole prior to installing the saddle.
 6. Pipe and Fittings: Size as indicated on the plans. Install as shown in accordance with manufacturer's recommendations.
 7. Swing Joints:
 - a. Toro (or approved equal) 360° swing joint assembly. Contractor is responsible for proper installation of swing joints due to actual lateral depths lay lengths (as per manufacturer recommendations).
 8. Service Tees:
 - a. AquaFuse saddle fitting. **Note – all fittings must be noted on bid form and approved in the submittal process as well as style of lateral installation.**
 - b. Shall be located under all sprinkler heads and quick coupler valves **with appropriate restraint to eliminate movement** (see detail).
 9. "Air Release Valves" – Qty. (10) in base bid:
 - a. Bermad C30 2" air release valves shall be installed at high points on golf course and/or where diagrammatically noted on irrigation plan. Irrigation plan locations are diagrammatic; Contractor will be responsible for proper location as approved by Irrigation Consultant. Air release valves shall be installed in a Jumbo valve box and plumbed with a ball valve and wye strainer to isolate for maintenance (see detail).
- C. V-I-H sprinklers, valves and associated equipment (**Owner purchased**):
1. Products and associated equipment are to be provided by only one manufacturer for the complete project. Refer to the drawings for the quantity and diagrammatic locations of the following:
 2. Sprinkler heads (**purchased by Owner**) with unitized swing joint assemblies – see detail:
 - a. TORO INF34/35 with spike guard V-I-H sprinklers (see drawings)

- b. Spacing of heads shall not exceed manufacturer's maximum recommendations. Conform to manufacturer's specifications concerning diameter of throw and gallonage at given pressures.
 - 3. Electric & Manual Isolation Valves:
 - a. Clow Valve Co. with HDPE DR13.5 4710 stub RW "resilient wedge" (or equal)-see plan
 - b. 360° PE ball valves for air release valves.
 - c. 2" 360° P.E. lateral isolation valve – see plan
 - d. Size isolation valves to match line size-Manual Valves only.
 - e. Installed in specified valve access box.
 - f. Each style of isolation valve shall have (2) 4'-0" tee handle keys supplied by Irrigation Contractor.
 - 4. Quick Coupler Valves:
 - a. Toro 1" QCV (purchased by Owner) with stabilizer and unitized swing joints.
 - b. Provide matching quick coupler keys (10) included in base bid.
 - c. Installed in valve box as specified on detail plan.
 - d. All Q.C.V.'s shall be plumbed with a **1" metallic insert swing joint with stabilizer (see detail).**
- D. Control Equipment:
 - 1. Refer to the drawings for the quantity and locations of the following:
 - 2. Central Upgrade & Field Satellite Controllers (purchased by Owner):
 - a. TORO Lynx Central 3-year NSN Upgrade with OSMAC field satellites #G4-XXP6R4 and RUI-01 base station tuned to proper frequency with mapping software and specified premium computer, (4) maintenance radios, (1) cellular compatible Apple iPad's with LifeProof case and mapping application + NSN connect.
 - b. Paige Electric 36" ground plate assembly on each communication wire path exiting the central.
 - c. Base antenna, antenna structure coaxial cable, lighting protection, ground plates, central UPS, and other items shall all be supplied and installed **as per manufacturer's recommendations; as per survey** for proper operation of said systems. **Contractor shall be responsible for any items, mentioned or not, for the operation of either specified radio system.**
 - d. **FCC licensing and frequency shall be supplied by Contractor and performed by qualified agent, at no additional cost to the Owner.**
 - 3. Weather Station: **Existing N/A**
- E. Primary Electrical Wire: **See plan**
- F. Secondary Control Wire: **See plan**
- G. Controller Communication Wire: Specified Paige Wire 220V/24-VAC. To be routed with main/lateral line piping and looped. See electrical plan.

2.3 ADDITIONAL MATERIALS

- A. Primary Electric wire connectors: decoder cable (as per manufacturer's recommendations) – resin packs only or latest manufacturer recommendation
 - 1. 3M COMPANY DBR-6 splice kits Socket seal type wire connectors or scotchcast and waterproof sealer, or Large 3M #4 Resin Bag UL listed for 600 volts and underground splice. All electrical connections shall apply to NEC standards and all local, state and federal codes whether listed or not.
- B. Secondary Control Wire connectors:
 - 1. 3M COMPANY #3570G-N direct burial splice kits or R-DBY/R. All electrical connections shall apply to NEC standards and all local, state and federal codes whether listed or not – two-wire to utilize Paige Electric re-enterable connector.
- C. Valve Access Boxes:
 - 1. Standard or Jumbo Box with extension kit-or equal; for air relief valves and isolation valves-See Plan

- D. Thrust Blocking: (for reference only – base bid HDPE)
1. Said system is bid as HDPE main and laterals however, the Contractor is still responsible for any movement in piping infrastructure and ultimately required to stabilize all shrinking and change of directions.
 2. Thrust blocks are anchors placed between pipe or fittings and the solid/virgin trench wall. Specified blocking of concrete which is calculated to have a compression strength of 2,000 pounds per square inch. The mixture is one part cement, two parts washed sand and five parts gravel. Thrust blocks must be constructed so the bearing surface is in direct line with the major force created by the pipe or fitting. See diagram. The earth bearing surface should be undisturbed (virgin wall).
 3. Thrust blocking is to prevent the line from moving when the pressure load is applied, transferring the load from the pipe to a wide load bearing surface. Thrust blocks are required where fittings are used to change direction (i.e. the following but not limited to: all tees, elbows, wyes, caps, valves and reducers etc.) of the pipe line. The thrust blocking must be formed against a solid trench wall (virgin wall) and these fitting areas must be excavated by hand, mechanical equipment will damage the bearing surface of the trench wall.
 4. The size and type of thrust depends on pipe size, line pressure, type of fitting, degree of bend and type of soil. Thrust block size may be calculated by the example procedures shown below:

Step 1 – Multiply the pressure level desired for testing by the appropriate value shown in the following table:

Pipe Size	Dead End or Tee	90 deg Elbow	45 deg Elbow	22 ½ deg Elbow
1 ½"	2.94	4.16	2.25	1.15
2"	4.56	6.45	3.50	1.78
2 ½"	6.65	9.40	5.10	2.60
3"	9.80	13.90	7.51	3.82
3 ½"	12.80	18.10	9.81	4.99
4"	16.20	23.00	12.40	6.31
5"	24.70	35.00	18.90	9.63
6"	34.80	49.20	26.70	13.60
8"	59.00	83.50	45.20	23.00
10"	91.50	130.00	70.00	35.80
12"	129.00	182.00	98.50	50.30

Based on pounds per psi working pressure.

Step 2 – Determine the bearing strength of the soil from the table below:

Bearing Strength of Soils

Soils and Safe Bearing Loads Lbs. Sq. Ft.

Sound Shale	10,000
Cemented Gravel and Sand-difficult to pick	4,000
Coarse & Fine Compact Sand	3,000
Medium Clay - Can be spaded	2,000
Soft Clay	1,000
Muck	0

Step 3 – Divide the total thrust obtained in Step 1 by the bearing strength of the soil; this gives the square feet of area needed.

Side Thrust on Curves – An outward pressure exists on all deflections from a straight line. Good soil, properly tamped, can be sufficient to hold side thrust – unless soil conditions are unstable. In that case, to anchor against this side thrust, the blocking should be placed against the pipe on each side of the coupling. Do not thrust block the coupling itself.

Side Thrust

Pipe Size Inches	Side Thrust Pounds per Degree
1 ½"	5.1
2"	7.9
2 ½"	11.6
3"	17.1
3 ½"	22.4
4"	28.3
5"	43.1
6"	60.8
8"	103.0
10"	160.0
12"	225.0

Based on side thrust per 100 lb./in² pressure per degree of deflection.

Note: Multiply side thrust pounds by degrees of deflection times pounds of pressure divided by 100 to obtain total side thrust in pounds.

5. 2,000-psi test minimum on thrust block meeting all ASTM specifications C-33 and C-150 or C-175 standards. **Note: Thrust blocks can differ depending on the type of fittings and soils. Contractor must review all conditions for adequate thrust. Furthermore, a joint restraint may be required to obtain and secure a fitting from movement.**
- E. Golf Grade Ductile Iron Fittings & Joint Restraints: (for reference only – base bid HDPE)
1. Fittings for bell and gasket pipelines shall be ductile iron, slant-bell design, and deep bell type. Fittings shall be manufactured of ductile iron, grade 65-45-12 in accordance with ASTM A-536. Fitting gaskets shall be in accordance with ASTM F-477. All ductile iron fittings shall be equipped with four 90-degree apart, outwardly extending radial lugs to accommodate for appropriate method of mechanical restraints.
 2. Fittings made from more than one piece shall utilize securely fastened bolt-on style spigot-bell links. Slip-on rings or loose rings as the method of attachment are not permissible.
 3. All tee fittings used to connect remote control valve and quick coupling assemblies to the mainline shall be ductile iron, deep bell service tees.
 4. All ductile iron bends; reducers, tees and gate valves shall be mechanically restrained. All bell and gasket joints adjacent to restrained joints shall be restrained in accordance to the manufactures recommended design criteria and guides. **Note: Sites where ductile iron fittings without joint restraints and thrust blocks are acceptable in lieu of joint restraints and/or joint restraints that are used in cases of non-bearing soils or where joint restraints are used exclusively. See plans and details for actual site by site applications.**
 5. The mechanical joint restraint shall be capable of securing the PVC pipe directly to the ductile iron fitting without the use of bolts, links and adapters. The joint restraint

- shall be capable of securing PVC gasket pipe joints and gate valves without use of threaded rods. Joint restraints made for iron or steel pipe are not permissible.
6. The joint restraint shall be manufactured from ductile iron, grade 65-45-12 in accordance with ASTM A-536. Bolts and nuts used on joint restraints shall be provided as part of the restraint assembly.
 7. All joint restraints shall be installed using methods recommended by the manufacturer. All bolts and nuts must be tightened as per manufacturer's recommended torque ratings.
 8. The following table lists values for the minimum restrained length of pipe ("L"). Every joint within the distance "L" should be restrained. Bends require that all joints be restrained on both sides of the bend for the specified length. The most critical are capped pipe and gate valves installed at terminating points for future connections; these should be treated as Dead End applications.

Table values are based on 100 psi test pressure, 2 feet cover, sand-clay type soil and safety factor of 2. For pressures other than 100 psi, multiply the "L" values by the actual pressure and divide by 100.

MATERIAL SPECIFICATIONS:

Clamps and Tie Rods:

Ductile Iron ASTM A-536

Bolts and Nuts:

Low Alloy Steel standard 304 Stainless Steel (Optional)

Pipe Size (in)	Minimum Restrained Length (L), feet				Reductions (sizes down)		
	Bends (degrees)						
	11	22	45	90	1D	2D	DE
2	1	1	2	5	NA	NA	15
2.5	1	2	3	7	3	NA	18
3	1	2	4	9	6	8	24
4	2	3	7	16	11	16	36
6	2	5	10	23	24	32	50
8	3	6	12	30	26	44	66
10	4	7	15	36	26	45	80
12	4	8	17	42	36	45	94

Notes: 1D reduction denotes one size down (such as 4x3, 12x10)

2D reduction denotes two sized down (i.e. 4x2.5, 12x8)

DE is a dead end (for a cap, plug or a gate valve.)

More detailed tables are available upon request.

9. Ductile iron joint restraints shall be installed on all fittings and gate valves for all IPS-Size, ring joint PVC pipe. The joint restraint shall be capable of securing the PVC pipe directly to the lugs on the Leemco deep bell ductile iron fittings without the use of bolts, links and adapters. The joint restraint shall be capable of securing PVC pipe to PVC pipe and PVC pipe to ring joint gate valves without the use of threaded linkages.
All ductile iron fittings shall be secured to full-length pipes and on all bends and tee branches, the next joint of the pipe shall be secured. At least two full lengths of pipe must be secured when attached to bends and tee branched 8" and larger, and at least three full lengths of pipe must be secured to dead end pipe. Pipe joints that occur in less than full-length when attached to a fitting shall also be secured.
10. All fittings shall be deep bell, manufactured specifically for IPS-Size pipe and made of Grade 65-45-12 ductile iron. Fittings 4" and larger shall have slanted bells to allow deflection of pipe in all planes. Fittings shall have four lugs at each push-on joint with ribbed and cupped gasket design, made from EDPM elastomer.
11. All quick coupling valves shall be fitted with stabilizers. Quick coupling stabilizers shall be manufactured in Grade 65-45-12 ductile iron; shall attach to the hex portion

of the valve and be secured with a single bolt. Stabilizer shall have 12" span and be capable of resisting rotational and vertical motions.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine final grades and installation conditions. Do not start irrigation system work until unsatisfactory conditions are corrected and approved by Owner or Irrigation Consultant.

3.2 PREPARATION

- A. Layout and stake the location of each pipe run and all sprinkler heads and sprinkler valves. Obtain Irrigation Consultant's acceptance of layout prior to excavating.
- B. Strip sod for pipe trenches with a mechanical sod stripper uniformly 1" to 1-½" thick with clean-cut edges (for existing turf only).
- C. Remove existing paving for sleeve installation. Saw cut existing paving to provide uniform straight transition at new to existing paving.
- D. Place sleeves as indicated for installation of piping and control wire.

3.3 INSTALLATION

- A. Excavating and backfilling:
 - 1. Excavation shall include all materials encountered, except materials that cannot be excavated by normal mechanical means.
 - 2. Excavate trenches of sufficient depth and width to permit proper handling and installation of pipe and fittings.
 - 3. If the pulling method is used, the pipe "plow" shall be vibratory type. Starting and finishing holes for pipe pulling shall not exceed a 1'-0" by 3'-0" opening.
 - 4. Excavate to depths required to provide 4" minimum depth of amended earth fill or sand bedding, free of all rock, and debris, for piping on all sides and bottom of pipe when rock or other unsuitable bearing material is encountered.
 - 5. Fill to match adjacent grade elevations with approved earth fill material. Place and compact fill in layers not greater than 8" depth.
 - a. Provide approved earth fill or sand to a point 4" above the top of pipe - free of rock and debris
 - b. Fill to within 6" of final grade with approved excavated or borrows fill materials free of lumps or rocks larger than 2" in any dimension.
 - c. Provide clean topsoil fill free of rocks and debris for top 6" of fill.
 - 6. Except as indicated, install irrigation main lines with a minimum cover of 24" based on finished grades with a minimum depth of 30". Install irrigation lateral lines with a minimum cover of 18" based on finished grades with a minimum depth of 24". No sweeping of lateral lines.
 - 7. Excavate trenches and install piping and fill during the same working day. Do not leave open trenches or partially filled trenches open overnight.
 - 8. Replace stripped sod in sufficient time to allow for satisfactory sod recovery and growth. Water stripped and reinstalled sod until irrigation system is placed in operation (irrigation contractor to return turf to original condition or better). Existing turf conditions only.
 - 9. Replace paving of same materials, using joints and patterns to match existing adjoining paving surfaces.

10. Backfill shall be compacted to 95% standard proctor density. Contractor will be responsible for the restoration of all settlement for period of (2) years from acceptance.
 11. **Vibratory pulling method to be employed on all greens, tees and fairways where 2" HDPE piping is shown on plans. Note: Contractor must shoot or lay decoder cable – pulling shall not be permitted.**
- B. Plastic pipe: (for reference only – base bid HDPE)
1. Install plastic pipe in accordance with manufacturer's installation instructions. Provide for thermal expansion and contraction.
 2. Saw cut plastic pipe. Use a square-in-sawing vice, to ensure a square cut. Remove burrs and shavings at cut ends prior to installation.
 3. Make plastic to plastic joints with solvent weld joints or slip seal joints. Use only solvent and purple cleaner recommended by the pipe manufacturer's instructions. Contractor shall make arrangements with pipe manufacturer for all necessary field assistance.
 4. Make plastic to metal joints with Sch. 80 piping.
 5. Make solvent weld joints in accordance with manufacturer's recommendations.
 6. Allow joints to set at least 24 hours before pressure is applied to the system.
 7. Maintain pipe interiors free of dirt and debris. Close open ends of pipe by acceptable methods when pipe installation is not in progress.
 8. All gasketed PVC pipe shall be installed per manufacturer's recommendation using appropriate gasket lube.
 9. Pulled pipe shall be solvent welded 36 hours in advance of pulling.
 10. Contractor shall not drag PVC pipe before installation.
 11. No substitution of smaller pipe, only larger sized pipe will be permitted.
 12. All piping must be installed as per manufacturer recommendations including piping velocity rates.
- C. Sprinklers, fittings, valves and accessories:
1. Install fittings, valves, sprinkler heads, swing joints and accessories in accordance with manufacturer's instructions.
 2. Set sprinkler heads perpendicular to finished grades, except as otherwise indicated.
 3. Obtain Irrigation Consultant's review and acceptance of height for proposed sprinkler heads and valves prior to installation.
 4. Locate sprinkler heads to assure proper coverage of indicated areas. Do not exceed sprinkler head spacing distances indicated (as per manufacturer recommendations).
 5. Install pop-up gear driven sprinklers on specified swing joint assemblies. (See Detail)
 6. Install quick coupling valves on specified swing joint assemblies. (See Detail)
 7. Install decoder sprinklers as detailed.
 - a. Ground in accordance with manufacturer's recommendations. A single, DELTA or Paige Electric plate configuration may be acceptable to get to manufacturer published OHMS or less; measure by a meager device. It will be the responsibility of the contractor to prove such measurement before getting released from the said system installation. (See plan & details).
- D. Paige Electric Control wiring:
1. Install electric control cable in the piping trenches wherever possible. Place wire in trench adjacent to pipe. Install wire with slack to allow for thermal expansion and contraction. Expansion joints in wire may be provided at 200-foot intervals by making 5-6 turns of the wire around a piece of ½" pipe instead of slack. Where necessary to run wire in a separate trench, provide a minimum cover of 18" or as per local codes.
 2. Provide sufficient slack at site connections at remote control valves in control boxes, and at all wire splices to allow raising the valve bonnet or splice to the surface without disconnecting the wires when repair is required.
 3. Connect each remote control valve or sprinkler head to one station of a controller except as otherwise indicated.

4. Connect remote control valves or sprinkler heads to a common ground wire system independent of all others.
 5. Make secondary wire connections to sprinkler heads, remote control electric valves and splices of wire in the field; using PE listed burial splice connectors (i.e.: 3M DBY or 3M DBR), in accordance with manufacturer's recommendations.
 6. Provide tight joints to prevent leakage of water and corrosion build-up on the joint.
 7. Provide new sleeves for all locations where existing sleeves are not indicated. Install new sleeves prior to paving installation wherever possible.
 8. Install pipe sleeves under existing concrete or asphalt surface by jacking, boring, or hydraulic driving of the sleeve. Remove and replace existing concrete and asphalt surfaces where cutting is necessary. Obtain Owner's permission before setting existing concrete and asphalt surfaces. Where piping is shown under paved areas that are adjacent to turf areas, install the piping in the turf areas.
 9. One approved manufacturer shall be used for the entire project, no multiple manufacturers will be allowed **for all wire, pipe, cement and primer etc.**
- E. Flushing, testing and adjustment:
1. After sprinkler piping and swing joints are installed and before sprinkler heads are installed, open control valves and flush out the system with full head of water. Swing joints should be extended above grade by 2-3 feet above grade by a section of PVC. This will help prevent contaminate piping during flushing.
 2. Perform system testing upon completion of each section. Make necessary repairs and re-test repaired sections as required.
 3. Adjust sprinklers after installation for proper and adequate distribution of the water over the coverage pattern. Adjust for the proper arc of coverage.
 4. Test and demonstrate the controller by operating appropriate day, hour, and station selection features as required to automatically start and shut down irrigation cycles to accommodate plant requirements and weather conditions.
- F. Roadway Pipe Crossings (See plan and detail utilizing HDPE DR11 4710):
1. Contractor shall contact and obtain permission from all governing bodies and agencies.
 2. Contractor shall install piping, sleeving and wire sleeves in accordance with said agencies.
- G. Stream Pipe Crossings (See plan and detail):
1. HDPE DR11 4710.
 2. Piping shall be stable and restrained to stop movement of piping.
 3. 2" minimal wire sleeve of aluminum conduit or as per local codes, shall be supported separately.
- H. Bridge Crossings (See plan and detail)
1. HDPE DR11 4710 to be used for all bridge crossings as needed.
 2. Contractor is responsible for engineering proper support system. (See plan)
 3. All piping to be hidden inside bridge trusses and exited by prefabricated "Z" piping.
 4. "Z" piping restrained and/or connected with flanges.
- I. Service:
1. When requested, return to the site during the subsequent fall season and winterize the system. Drain all water from the system or blow out the system with compressed air.
 2. When requested, return to the site during the subsequent spring season and demonstrate to the Owner the proper procedures for the system start-up, operations, and maintenance.

3.4 SPARE PARTS (Contractor to include in lump sum bid)

- A. Provide the following:
1. Four extra sprinkler head (s) of each size and type.
 2. Two extra valve access box(s) of each size and type.
 3. Ten quick coupler valve keys and swivel elbows.

4. Two repair coupling for each size and type of pipe.
5. Two tee handles for both style isolation valves 4' in length.
6. Two sets of service/maintenance tools – as applicable.

3.5 DISPOSAL OF WASTE MATERIAL

- A. Transport unsuitable excavated material, including rock or lava to designated disposal areas on Owner's property. Stockpile or spread as directed. Remove from site and legally dispose of trash and debris.
- B. Maintain disposal routes clear, clean, and free of debris.

3.6 ACCEPTANCE

- A. Test and demonstrate to the Irrigation Consultant and Owner the satisfactory operation of the system free of leaks.
- B. Instruct the Owner's designated personnel in the operation of the system, including adjustment of sprinklers, controller (s) and central, valves and pump station(s).
- C. Upon acceptance the Owner will assume operation of the system.-See application for payment

3.7 CLEANING

- A. Perform cleaning during installation of the work and upon completion of the work. Remove from site all excess materials, soil, debris, and equipment. Repair damage resulting from irrigation system installation.

Electrical

PART 1 - GENERAL

1.1 APPLICABLE STANDARDS

- A. All apparatus, materials and work, shall be in accordance with standards, practices and codes of the electrical industry. Particular attention is directed to requirements of ANSI/NFPA 70 and Underwriters Laboratories, Inc. as suitable for purposes specified and shown.
- B. The completed irrigation installation shall conform to all local and special laws, codes or ordinances of all Federal, State and municipal authorities with due jurisdiction.

1.2 PROJECT CONDITIONS

- A. Locations of all controllers, heads and other elements of the system are to be approved by Owner or Owner's Representative before wiring is installed.
- B. Conductor sizes are based on copper.
- C. Wire and cable routing shown on the drawings are approximate. Route wire as required meeting project conditions-See plan
- D. Take precautions to avoid damage to existing site elements and features, including wiring and piping for existing underground irrigation system. Promptly repair damage to such features, cost at Contractor's expense.

PART 2 - PRODUCTS – as per local code

2.1 PRIMARY CABLE – Toro field satellites – see plan notes

- A. All power cables are tray cable (or approved equal); they are to be UL listed for direct burial, and rated at 600 volts. The cable shall include three conductors, which are to be colored per wire industry standard or numbered as 1, 2, and 3. The size of the “hot” and “common” conductors are to be as shown on the irrigation plans, and the size of the “equipment ground” conductor as required by the National Electrical Code, or larger. The inner copper conductors are to be covered with high dielectric PVC and Nylon. The outer jacket will be black PVC and is to be sunlight resistant. (Paige Electric Co., (or approved equal) LP specification number P7266D for 10 AWG and smaller and specification number P7267D for 8 AWG and larger.)
- B. Conduit: All branch circuit wires, for 120 volts and higher, shall be installed in electrical conduit. The wires shall be type THWN and sized according to the irrigation system plans. Paige Electric Co., LP specification number P7316. Installation shall meet all local codes and regulations as well as NEC requirements for burial conduit piping. The total cross-sectional area of the wires sleeved through the electrical conduit shall be no more than 40% of the internal cross-sectional area of the conduit – as applicable per local codes.

2.2 SECONDARY CABLE – (24-VAC)

- A. Construction requirements for a #12/2 or #14/2 (or single conductor) control cable designed to operate valve decoders consisting of tin coated copper conductors, insulated with PVC and having a high density polyethylene direct burial jacket. Conductors are UL approved Type UF. Soft annealed tin coated copper conforming to ASTM B-33. Polyvinyl Chloride conforming to UL Standard 493 for Type UF/TWU rated 75°C. Pressure Extruded High Density PE conforming to ICEA S-61-402 and NEMA WC5 Jacket Thickness 3/64” minimum jacket material to completely fill interstices between the two insulated conductors. Color coding of jacket shall be of one solid color. Standard colors red, blue, green, yellow, black, white. (Paige Electric Co., (or approved equal) specification number P7072D for Maxi wire).

2.3 EARTH GROUNDING

- A. It is the responsibility of the installer to connect all electronic equipment for which they are responsible to earth ground in accordance with Article 250 of the National Electrical Code (NEC). Grounding components will include the items described in the following paragraphs, at a minimum.

Use grounding electrodes that are UL listed or manufactured to meet the minimum requirements of Article 250 of the NEC. At the very minimum, the grounding circuit will include a copper clad steel ground rod, a solid copper ground plate and 100 pounds of PowerSet® earth contact material, as defined. See detail.

Ground rods are to have a minimum diameter of 5/8” and a minimum length of 10 feet. These are to be driven into the ground in a vertical position or an oblique angle not to exceed 45 degrees at a location 10 feet from the electronic equipment, the ground plate, or the wires and cables connected to said equipment. See detail.

The rod is to be stamped with the UL logo (Paige Electric part number 182007.) A 6 AWG solid bare copper wire (about 12 feet long) shall be connected to the ground rod by the installer using a Cadweld GR1161G “One-Shot” welding kit (Paige Electric part number 1820037.) This wire shall be connected to the electronic equipment ground lug. See detail.

The copper grounding plate assemblies (Paige Electric part number 182199L) will have minimum dimensions of 4” x 96” x 0.0625”. A 25-foot continuous length (no splices allowed unless using exothermic welding process) of 6 AWG solid bare copper wire is to be attached

to the plate by the manufacturer using an approved welding process. This wire is to be connected to the electronic equipment ground lug as shown in the detail of page 1. The ground plate is to be installed to a minimum depth of 30", or below the frost line if it is lower than 30", at a location 8 feet from the electronic equipment and underground wires and cables. Two 50-pound bags of PowerSet® with a neutral PH value (Paige Electric part number 1820058) earth contact material must be spread so that it surrounds the copper plate evenly along its length within a 6" wide trench. Salts, fertilizers, bentonite clay, cement, coke, carbon, and other chemicals are not to be used to improve soil conductivity because these materials are corrosive and will cause the copper electrodes to erode and become less effective with time.

Install all grounding circuit components in straight lines. When necessary to make bends, do not make sharp turns. To prevent the electrode-discharged energy from re-entering the underground wires and cables, all electrodes shall be installed away from said wires and cables. The spacing between any two electrodes shall be as shown in the detail of page 1, so that they don't compete for the same soil.

The earth-to-ground resistance of this circuit is to be measured using a Megger® or other similar instrument, and the reading is to be no more than 10 ohms. If the resistance is more than 10 ohms, additional ground plates and PowerSet® with a neutral PH value are to be installed in the direction of an irrigated area at a distance of 10', 12', 14', etc. It is required that the soil surrounding copper electrodes be kept at a minimum moisture level of 15% at all times by dedicating an irrigation station at each controller location. The irrigated area should include a circle with a 10-foot radius around the ground rod and a rectangle measuring 1-foot x 24-feet around the plate.

All underground circuit connections are to be made using an exothermic welding process by utilizing products such as the Cadweld "One-Shot" kits. Solder shall not be allowed to make connections. In order to ensure proper ignition of the "One-Shot", the Cadweld T-320 igniter must be utilized (Paige Electric part number 1820040.) The 6 AWG bare copper wires are to be installed in as straight a line as possible, and if it is necessary to make a turn or a bend it shall be done in a sweeping curve with a minimum radius of 8" and a minimum included angle of 90°. Mechanical clamps shall be permitted temporarily during the resistance test process, but are to be replaced with Cadweld "One-Shot" kits immediately thereafter.

2.4 BONDING – power source and Hub locations

- A. Said grounding circuit is referred-to as "supplementary grounding" in the NEC. And for safety reasons, the NEC required that all supplementary grounds be "bonded" to each other and to the service entrance ground (power source) as shown. This is also "recommended practice" of IEEE Standard 1100-1999. Note that this is in addition to the equipment ground, which is commonly referred to as "the green wire." The power wires (black, white and green for 120 VAC and black, red and green for 240 VAC) must always be kept together in a trench/conduit/tray/etc. The bonding conductors are to be 6 AWG solid bare copper unless the system power conductors are larger than 1/0 AWG, in which case they are to be 4 AWG solid bare copper. All splices to the bonding conductors shall be made using a Cadweld "One-Shot" kit. See details. (Paige Electric part number 1820074)

2.5 SHIELDING – None

- A. The bonding conductors are to be installed in such a way so that they act as shielding conductors. This becomes a network of solid bare copper wire over all the main bundles of other wires and cables. See details. The bare copper wire is to be installed as close to the surface as possible yet being sufficiently below the ground level as to prevent damage from maintenance equipment such as aerators. And it must be placed above all other valve/power/communication wires and cables, per detail, and installed in all trenches as shown on the electrical plan drawings. It is not necessary to install this conductor over short wire runs (less than 150 feet) away from the main wire bundles. The conductor is laid in as

straight a line as possible, and when necessary to make bends, do so in a sweeping motion using the detail as a guideline.

The shield network is to be connected to the service entrance earth ground, to all electronic equipment ground lugs, and all equipment supplementary grounding electrodes. One such network is necessary for each power source. Do not interconnect the equipment ground, bonding and shielding wires from different power sources.

PART 3 - EXECUTION

3.1 GENERAL

- A. Installation of wiring shall be in accordance with Section IV Irrigation System and in accordance to irrigation system manufacturer's instructions.
- B. Any wire or cable that is stressed or damaged in any way shall be replaced at the Contractor's expense.
- C. Make splices with approved connector assembly as specified in Section IV Irrigation System.
- D. Inspect wire and cable for physical damage and proper connection. Verify continuity of each control circuit.
- E. Wire and Cable Installation: Wire and cable burial depth is dictated by the National Electrical Code®. Temperature changes cause wires and cables to expand and contract as much as 1% of the length. And high voltage power lines create large electro-magnetic fields that cause interference and corrupt signals in communication lines. It is therefore necessary to take certain precautions when installing these products.
The contractor shall install all wires and cables carrying up to 30 volts at a minimum burial depth of 6". If mechanical equipment, such as aerifiers and shovels, are expected to disturb the area, then the wires and cables shall be installed at a 12" depth. For wires and cables carrying more than 30 volts and less than 600 volts, the minimum burial depth shall be 24". When installing wires and cables in a trench, they must be "snaked" so that some slack is created. At points along the trench where there are sharp bends, a loop of 12" to 24" shall be created to allow for shrinkage. When communication cables are in the same trench as power wires, there shall be a minimum separation between them of 12"
- F. Wire and Cable Splices:
All electrical connections shall incorporate:
 - 1. A solid mechanical connection of the copper conductors.
 - 2. Electrical insulation of the mechanical connection.
 - 3. A means to waterproof the insulated connection.
 - 4. "Strain-relief" to prevent the connection from coming apart when wires/cables are pulled-upon.

Pump Station

PART 1 – GENERAL

1.1 SUMMARY

- A. It is the intention of this specification to describe a fully operational, automatic, prefabricated pump station with enclosure. Design, fabrication, testing and service shall be the sole responsibility of the pump station manufacturer. The pump station shall provide the required water volume while simultaneously maintaining a constant discharge pressure by using a prefabricated pump station with variable frequency drive (VFD)

- pumps for pressure regulation, under varying flow conditions up to the maximum specified capacity.
- B. Contractor is to provide a complete and working pumping system. Furnish all labor, materials, supplies, equipment, tools, transportation, and perform all operations in connection with and reasonably incidental to the complete manufacturing and installation of the pumping system, and guarantee/warranty as shown on the drawings, the installation details, and as specified herein.
 - C. The prefabricated pump station shall have a minimum capacity and discharge pressure at skid edge as described in the technical specifications.
 - D. The station shall be completely wired, piped, hydraulically, electrically, and flow tested to full station capacity at factory prior to shipment to job site. Documentation of the dynamic test shall be verified by the Owner prior to pump station shipment.
 - E. Construction shall include a fabricated steel plate and skid assembly to support all components during shipping and to serve as the installation mounting base.
 - F. The intake and discharge manifold from the pump station shall terminate at or near the pump station skid edge and be provided by the pump station manufacturer.

1.2 REFERENCE STANDARDS

- 1. ANSI- American National Standards Institute
- 2. ASTM- American Society for Testing and Materials
- 3. NEMA- National Electrical Manufacturers Association
- 4. IEEE- Institute of Electrical and Electronics Engineers
- 5. NEC- National Electrical Code
- 6. UL- Underwriters Laboratories, Inc.
- 7. Hydraulic Institute

1.3 CONTRACT DOCUMENTS

- A. The general nature and extent of the work and the appurtenant facilities are as shown on the Drawings under the title: **River Oaks Golf Club**
- B. Perform work within the Limit of Work line that may be indicated on the Drawings and per the discretion of the Owner.

1.04 DRAWINGS

- A. Drawings such as utility and irrigation plans, etc., are essentially diagrammatic. Actual runs indicated on the Drawings shall be followed as closely as coordination with the work of other trades will permit. The exact routing of such improvements and locations of equipment shall be governed by site conditions, obstructions and locations of other utilities as acceptable to the Owner.
- B. In the event that discrepancies arise over dimensions, product references, omissions, or written statements, these conflicts shall be immediately brought to the Owner's attention by the Contractor. If available, this may be accomplished with the use of a "Request for Information" (RFI) form. While awaiting direction or clarification from the Owner, the Contractor shall re-direct work as necessary so as not to cause delay to the project.
- C. If discrepancies arise between plans, details, specifications, addenda or any other portion of the Contract Documents, these conflicts shall be immediately brought to the Owner's

attention by the Contractor. If available, this may be accomplished with the use of a "Request for Information" (RFI) form. While awaiting direction or clarification from the Owner, the Contractor shall re-direct work as necessary so as not to cause delay to the project.

- D. Products, materials, labor, etc., installed or performed without proper clarification, or prior to Owner acceptance shall be the Contractor's sole responsibility and shall be removed, repaired, replaced, and/or reinstalled per the Owner's direction at no additional cost to the Owner or its agents.

1.5 MATERIALS

- A. All materials and equipment used in the work herein specified shall be in new, first class condition (unless otherwise noted or scheduled), suited to the intended use.
- B. Materials shall be delivered to the site and stored in original containers sheltered from the elements, but readily accessible for inspection by the Owner's Representative until installed.
- C. Materials of the same general type shall be of the same make and quality throughout the work to provide uniform appearance, operation and maintenance ease.
- D. Equipment specified by manufacturer's number shall include all accessories, controls, etc., listed in catalog as standard equipment. Furnish optional or additional accessories as specified.
- E. Where make of material or equipment is not specified, any product by a reputable manufacturer that conforms to the requirements of the Construction Documents may be used with the Owner's Representative's acceptance.
- F. Materials and equipment shall be current products by manufacturers regularly engaged in the production of such products.
- G. All equipment items shall be supported by service organizations that are reasonably convenient to the equipment installation in order to render satisfactory service to the equipment on a regular and emergency basis during the Specified Warranty Period.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. The pump station shall be as manufactured by **Watertronics, Inc.**, Hartland, Wisconsin.
- B. To be considered as equal the following information must be furnished by the contractor or manufacturer's representative within 10 days before bid date, to the Irrigation Consultant:
 - 1. A complete specification and submittal of all major components for the proposed pump station with individual pump performance verification.
 - 2. A detailed pumping station proposal drawing complete with component location, sizes and dimensions specific to the installation.
 - 3. A complete electrical schematic for all high and low voltage circuits showing all circuit breakers, fuses and wire sizes. All wire numbering and colors must be designated.
 - 4. Pump station manufacturer's U.L. file number for the electrical controls and pump station.
 - 5. A copy of the manufacturer's certificate of insurance.

6. Product support technicians shall be capable of accessing all information pertaining to the pumping equipment, e.g. electrical schematics, pump curves, program data, bill of materials, etc. The manufacturer shall have no less than two technicians on call seven days a week.
7. The pump station manufacturer shall provide factory authorized or factory direct service personnel for the set, start-up, preventative maintenance and general service of the pump system. A factory authorized or factory direct service technician must be located within one-hundred (100) mile radius of the project site. The pump systems technician must have a minimum of 5 years' experience. The pump station manufacturer shall provide technical phone support twenty-four hours a day seven days a week.

2.2 CONTROL PANEL

- A. The pumping station electrical controls shall be mounted in a self-containing NEMA 4 enclosure fabricated from not less than 12 gauge steel. Door gasket seals shall be neoprene sponge, sufficient to protect interior components from weather and dust. The electrical panel doors shall be constructed from 12 gauge steel with integral latches.
- B. All external operating devices shall be dust and weatherproof. All internal components of the enclosure shall be mounted on a removable back panel. Mounting screws for components shall not be tapped into the enclosure wall. No pressure gauges, pressure switches, water activated devices, or water lines of any sort shall be installed in any electrical control panel.
- C. The control panel shall be designed, built, tested and U.L. listed by the pump station manufacturer.
- D. A closed type cooling system shall be included to cool the enclosure and reject heat from the VFD. **Open type cooling systems allowing outside ambient air to enter the panel are not acceptable.** No water line connections shall be permitted inside of the control enclosure.

2.3 MAIN SERVICE DISCONNECT

A three-pole, main station disconnect shall be contained within the NEMA 4 control enclosure. Disconnect shall be non-fused and isolate all power to the control enclosure. The disconnect shall have an operating handle mounted in the enclosure door, mechanically interlocked to prevent entry while disconnect is in ON position.

2.4 MOTOR COMBINATION STARTERS- BREAKER

Each motor shall be protected by a MSP combination starter and breaker. Device will be UL 508 Type F. Motor starter protector and contactor are electrically and mechanically linked by means of a link module and adapter plate. All starters are suitable for use in group installation applications according to NEC-430-53(c).

2.5 VARIABLE FREQUENCY DRIVE

- A. The variable frequency drive shall be IGBT based with selectable carrier frequency up to 15 KHZ. The VFD shall include terminals for incoming power, motor output power and control terminals.
- B. The VFD shall generate a sine-coded, variable voltage/ frequency, three phase output for optimum speed control. The VFD shall incorporate power loss ride-through for a minimum of 2 seconds. VFD protective features shall include current limit, auto restart, short circuit protection, electronic motor overload protection and ground fault protection. The VFD shall

have a push button programming display for easy access to operation parameters. The VFD shall be protected on the primary side by fuses of the appropriate amperage.

- C. Overload capacity: 120% rated output current for one minute. Voltage Fluctuation: +10%, - 15%. Sine wave PWM with full range, automatic torque boost. Frequency Control Range: 0.1 to 400Hz. Frequency Accuracy: Digital, 0.01Hz, Analog. .1%. Motor overload protection, Instantaneous Over current of 180% of rated output current. Over voltage at 820VDC if 460V input. Under voltage: user adjustable. Momentary Power Loss: up to 2 second ride through. Electronic Ground Fault. LED capacitor charge indicator. Input Phase loss alarm. Ambient temperature range of + 14 to 104 degrees F. Humidity of 95% non-condensing.

2.6 CONTROL TRANSFORMER

A control transformer shall provide 120volt power to the pump station controls. The control transformer shall be protected on primary and secondary sides with appropriately sized fuses. No load other than the pump controls shall be supplied by the control transformer.

2.7 SECONDARY CONTROL CIRCUIT BREAKERS

Secondary distribution circuit breakers with appropriate ratings shall supply power to each pump starter coil circuit, the control system and to other circuits as specified.

2.8 MAIN PANEL POWER PHASE MONITOR

The incoming power shall be protected by a phase loss/low voltage system dropout relay to de-energize the pump station control circuit or motor contactor if either phase failure, phase reversal or low voltage condition occurs. If after attempted automatic re-starts the phase failure/low voltage alarm condition remains, the alarm must be manually reset.

2.9 CORROSION INHIBITING MODULES

Corrosion inhibiting modules shall be installed in all electrical enclosures in accordance with the manufacture's recommendations.

2.10 CONTROL LOGIC

The pump sequence controller shall be an industrial grade PLC with diagnostic LEDs for monitoring of discrete inputs and outputs. Not less than two additional analog inputs and outputs shall be standard for monitoring and control purposes. The PLC shall contain RS232 and RS485 communication ports for monitoring and programming purposes. The PLC shall contain an EEPROM, battery backed RAM and non-volatile memory for storage of critical configuration data.

2.12 AUTOMATIC PRESSURE REGULATION BASED ON VARIABLE FLOW

The pump station controls shall be capable of changing the regulated downstream pressure while in operation, based on discharge flow or discrete input as called out by the technical specifications. The pump station controls shall also be capable of up to six, user adjustable pressure regulation set points based on discharge flow or one additional set point based on a discrete input. In addition to adjustment of downstream pressure, the controls shall be capable of up six pressure regulation algorithms to insure accurate pressure regulation regardless of regulated pressure, discharge flow or connected pump combination.

2.12 VFD BACKUP PRESSURE REGULATION

- A. Pump station manufacturer shall provide a line item option for a redundant pressure regulation device in the event the single specified VFD unit faults or fails. Redundant

pressure regulating device can be hydraulic pressure regulation per individual pump or VFD per individual pump. The back-up mode shall automatically regulate pressure in the event the main VFD fails. There must be no more than a 10-minute loss of irrigation in any VFD failure. The VFD back-up pressure regulation mode must provide full station design flow as indicated in the technical specifications.

- B. Utilizing the pressure relief valve is not an acceptable pressure regulation back up device.

Acceptable Methods include:

- Hydraulic Control Valve per pump
- VFD Per Pump (BTU analysis with corresponding cooling feature required)

- C. Design detail, valve / cooling equipment submittals and BTU analysis (VFD option) are required to be included with bid documents.

2.13 USER DEFINED PRESSURE SET-POINT BASED ON FLOW ZONES

The operator shall be capable of changing the regulated downstream pressure based on discharge flow or discrete input as called out by the technical specifications. The pump station controls shall also be capable of up to six, user adjustable pressure regulation set points based on discharge flow or one additional set point based on a discrete input. In addition to adjustment of downstream pressure, the controls shall be capable of up six pressure regulation algorithms to insure accurate pressure regulation regardless of regulated pressure, discharge flow or connected pump combination.

2.14 LEAD PUMP SELECTION

Lead selection of equal horsepower pumps shall be accomplished by total accumulated pump running time. Unless manually overridden, the pump with the lowest accumulated running time shall be the next pump started in the sequence. Alternating logic for selection of lead pump shall not be accepted.

2.15 ALARMS

Controls shall shut down the pump station in the event of the following alarm conditions. The controls shall attempt to restart the system after alarm shutdown or loss of power. After a user adjustable number of attempts to re-pressurize the system, the controls will go into hard shut down and remain there until manually reset.

1. Low discharge pressure cutout. Pressure remains 20 PSI below regulate set point for set time delay.
3. High discharge pressure cutout. Pressure remains 11 PSI above regulate set point for set time delay.
4. Phase/ voltage cutout. High or low voltage, loss of phase or phase reversal.
5. High pump volute temperature cutout. Pump temperature stays above 120 degrees F. for a set time delay.
6. Starter fail cutout. Output to starter is not met with corresponding running input for set time delay. Indicates overload, phase imbalance or control fuse.
7. VFD fault and VFD bypass status.

2.16 OPERATOR INTERFACE

- A. The controls will utilize an industrial programmable logic controller (PLC) with 7.5" color touchscreen, a HOA switch for each of the main motors, and an emergency stop button. The user will be able to monitor, adjust, and control all the station parameters from the touchscreen. The PLC will include custom programming and screens that allow the user to monitor / log, adjust the flow rate, or shutdown each metering run individually.

- B. The touchscreen will be connected to a Watertronics supplied wireless Ethernet switch. The wireless switch will communicate via a customer Ethernet communications network to the internet. The wireless router/switch will allow Watertronics control engineers to remotely monitor and modify the system in real time to insure satisfactory operation.
- C. Operator interface shall be a full color STN display unit mounted in the enclosure door. Operator interface shall be used for logical display of all pump station functions. The operator interface shall be NEMA 4 rated. The operator interface shall be touch sensitive with intuitive on-screen user instruction for ease of operator use. The use of buttons or keys or off-screen user instructions shall not be permitted. The operator interface shall be STN color display type with no less than 640 x 480 pixel resolution, with viewing area measuring not less than 7.0" diagonal. User memory for storing critical pump operation data shall not be less than required for up to 1 year of data.
- D. The operator interface shall allow the user to view and modify all pertinent operation parameters. The operator interface shall incorporate password protection for modification of critical pump station parameters. The operator interface capabilities shall include but are not limited to the following:
 - 1. Overview screen showing pump system configuration. Screen shall show if each individual pump is enable or disabled, the number of hours on each pump, station full flow and pressure design criteria
 - 2. System screen with information on current regulation pressure, setpoint, regulation pressure, System status, restarts remaining, VFD reference speed, pressure regulation method (VFD or EBV modes) and adjust settings button. Adjust settings button will allow changing parameters etc. after entering password.
 - 3. Settings menu to allow changes to pressure regulation settings, pipe saver mode, VFD manual mode, analog calibration, flow calibration, program or register settings.
 - 4. Flow screen will display pressure in PSI, flow in GPM and total gallons pumped in thousands of gallons. Separate display for total gallons pumped since last reset.
 - 5. Alarm status with time stamping, display of pump station conditions at shutdown and restart. Alarms will be displayed in red when activated and a separate listing will be displayed in green when the alarm is reset. Alarms will be logged to a compact flash disk allowing the service technician to upload data to a spreadsheet type program.
 - 6. Full control of and capability of monitoring, adjusting and viewing any options present such as water level, inlet strainer, wye strainer, filtration, chemical injection, or liquid tank levels. Adjustment of automatic/manual pressure regulation set points.
 - 7. Graphing capability for up to one full year detailing flow rate and pressure. Graphing function shall give option to graph and plot a point every minute. The graph function will be selectable by day, month and year as well as the time of desired graph. All data will be logged to a compact flash disk allowing the service technician to upload data to a spreadsheet type program.

2.17 WATERVISION WEB BASED REMOTE MONITORING AND CONTROL SOFTWARE FOR PERSONAL COMPUTER AND SMART PHONE – SINGLE & MULTIPLE SITES

The pump control system shall incorporate a remote monitoring and control system that is accessible from any web enabled device via the internet.

A. Connectivity

1. Pump controls: The pump controls shall be connected to the internet via a RTU (Remote Telemetry Unit) that shall transmit the pump station parameters to a secure central data collection point, from which they can be retrieved. The RTU shall communicate directly to the pump control PLC through a dedicated serial port via Modbus protocol. Generic RTU's that monitor discrete inputs shall not be acceptable. The RTU shall poll the pump station controls continuously and transmit to the secure central data collection center only on a change of state.
 - a. RTU Connectivity options
 - i. Cellular (GSM or CDMA)
 - ii. Spread spectrum radio (900 MHz) via cellular or Ethernet Bridge. The Bridge shall communicate with up to 10 RTU's, providing access to the central data collection point via a single internet connection.
 - b. The RTU shall be connected to the internet via a cellular, Ethernet, or a Bridge connection as called out in the technical specification.
 2. Web enabled device: The web enabled device for remote monitoring and control of the pump system shall require a browser. For PC's, the browser shall be, minimum:
 - Internet Explorer 8.0 or higher
 - Foxfire version 3.0 or higher
- B. Secure data storage
1. Historic data specific to each RTU shall be stored in a password protected secure data storage facility.
 2. The secure data storage facility shall be environmentally hardened, secure of viruses and power anomalies.
- C. Features:
- The remote monitoring and control system shall be accessed by a secure login and password. A user hierarchy shall provide varying levels of access as defined by the system administrator. Upon successful login, the user shall be able to monitor their pump system and any attached ancillary devices on a single overview screen. Additional pump monitoring and control features shall be accessed through links from the overview screen. Specific features of this system shall include, but not be limited to:
1. Graphical overview of system operations and status including pump status, flow, pressures, power draws, and regulate set points and alarms.
 2. Operational status of pumps: Enabled/Disabled, Running/Not Running, Position of Hand/Off/Auto switch.

2.18 PRESSURE TRANSDUCER

A solid state pressure transducer shall provide a noise free, linear output proportional to discharge pressure. Transducer shall be solid-state, strain gauge type with integral voltage regulation and output accuracy not less than 0.25%. Transducer shall be constructed of stainless steel and rated for the pump station discharge pressure called out in the technical specifications.

2.19 MAGNETIC FLOW SENSOR

- A. The pump station shall have a flow sensor installed, which shall be utilized to control and display the pump station flow rate and to display total gallons pumps through the touch screen operator interface device mounted on the control panel door. The flow meter shall be electromagnetic design comprising of two major components, a primary head and a signal converter. The flow meter signal converter shall produce two separate signals, pulse and 4-20ma, in linear proportion to flow rate. Flow meter shall read flows from 0-40 fps, with a worst-case inaccuracy of +/-0.5% of reading with +/- 0.2% repeatability. Flow meter shall be sized so that maximum system flow lies between 16 and 24 fps through the meter. The primary meter head shall incorporate a straight-thru flow design with no moving parts or

pressure loss, low maintenance and high accuracy. Meter shall be installed according to manufacturer's recommendations.

- B. Flow Measurement:
 - 1. Accuracy: 10% to 100% of max flow = $\pm 1\%$ of reading. Cutoff to 10% of max flow = $\pm 2\%$ of reading.
 - 2. Measuring frequency:
Battery power: 1/15 Hz, External power: automatically proceeds with full-speed measurement, with frequency up to 5.5 Hz. Range: 0.3 fps – 30 fps.
- C. Battery Power
Battery Life: 3-5 years, Battery Level Indicator: Supported, Battery Replacement: Supported
- D. External Power
Voltage Range: 8 – 32VDC, Auto Switch to External Power: Supported, External Power Indicator: Yes
- E. User Interface
 - 1. Buttons: Support 1 -2 buttons (reed switch)
 - 2. Display Contents
Flow rate, Total, Battery life, Low battery warning, Empty pipe warning, Reverse flow direction indication
 - 3. Display Digits: Rate - 7 digits, Total – 9 digits
 - 4. Rate Units: Gallon/minute, Liter/minute, Liter/second, Cubic feet/minute, Cubic meter/hour, Million gallon/day
 - 5. Total Units: Gallons x 1000, Acre Inches, Acre Feet, Liters X 1000
 - 6. Unit Settings: Set according to customer requirement before shipment
 - 7. Unit Switching: Switchable by defined user button (reed switch)
- F. Output: Frequency (opt. iso., dry contact) – with external power, max frequency 1000 Hz., Pulse (opt. iso., dry contact), Communications – supported with related hardware
- G. Working Conditions: Temperature Operating: 14° F – 131° F, Storage: -40° F – 140° F, Pressure: 290 PSI, Conductivity of Medium: $\geq 20\mu\text{S/cm}$
- H. Installation Method: ANSI 150# Flanged
- I. Protection Rating: Tamper proof IP68 signal converter housing

2.20 SKID WIRING

- A. Skid wiring shall conform to National Electrical Code Standards. All wiring from control panels to motors shall be in metal reinforced, water tight, flexible conduit with copper conductors rated not less than 600 volts and of proper size to carry the full load amperage of the motors without exceeding 70% capacity of the conductor. Flexible conduit runs shall not exceed six feet in length. A grounding cable sized to National Electrical Code requirements shall be included in the flexible conduit. There shall be no splices between the motor starters and the motor connection boxes.
- B. Wiring to flow sensors, and pressure transducer shall be multi-conductor, shielded cable suitable for Class II low voltage controls. Wiring to motor operated valves, (option available for VFD stations), shall be in flexible conduit with TFFN #18 gauge copper conductors rated not less than 600 volts.

2.21 JUNCTION BOXES

All off skid devices requiring control interface shall be terminated in a junction box. This junction box shall be located at the skid edge nearest the installation point of the off skid device. Chemical and monitoring systems shall be terminated in a NEMA 4 junction box located on the exterior of the main controls enclosure to allow user connection.

2.22 PUMP ASSEMBLIES

A. Vertical Turbine Irrigation Pump

Bowl assembly including suction case, intermediate bowls and discharge bowls shall be of **ductile cast iron**. The impellers shall be of **201 stainless steel**, statically balanced. Impellers shall be adjusted vertically by means of an adjusting nut located at the top of the driver. Each pump shaft is to be turned, ground and polished stainless steel having a chromium content of not less than 12%. It shall be supported by bearings above and below each impeller. The size of each shaft shall be appropriate to transmit the horsepower required by the pump.

Each turbine pump inlet strainer shall be corrosive resistant basket type with an area not less than four times the pump suction bell inlet area.

The discharge column pipe shall be A53 Grade B schedule 40 and furnished in interchangeable 10' sections with threaded couplings. The line shafts shall be ground and polished 416 stainless steel, and shall be coupled with steel couplings, have left hand threads, which tighten during operation. Drop-in type shaft centering spiders shall be provided at each column coupling at maximum 10' spacing. The section of shaft passing through the stuffing box shall be stainless steel having a chromium content of not less than 12%.

Turbine Pumps shall have a polymer bearings and all stainless steel hardware.

B. Discharge Head

Each pump shall be supplied with a DUCTILE IRON discharge head having a flanged discharge opening. The top diameter of the discharge head shall match the motor base to distribute the load uniformly. The minimum operating pressure of each discharge head shall be no less than 30% higher than the maximum output pressure of the pump. The DUCTILE IRON discharge head will have a tensile strength of 65,000 PSI.

C. Mechanical Seal

Each turbine pump discharge head shall contain a mechanical seal assembly located where the line shaft protrudes through the discharge head. The mechanical seal assembly shall consist of a main housing, shaft sleeve assembly, locking and drive collars. The shaft sleeve shall be machined from 416 stainless steel. The locking and driving collars shall be machined from 7075 aluminum. Integral to the seal housing, a permanently lubricated ball bearing shall be mounted, located out of the pumping media. The mechanical seal shall be resistant to corrosion and abrasives, totally self lubricating, and rated for no less than 300 PSI. The seal assembly shall require no bypass tubes or related devices to provide cooling or lubrication.

2.23 MAIN MOTOR WINDING CONDENSATE HEATER

Each pump motor will be supplied with a 120-volt space heater in the motor windings to prevent condensation during non-use times. The heaters will be deactivated while the motors are running.

2.24 PRESSURE MAINTENANCE PUMP MOTOR

The system pressure maintenance pump shall be equipped with a 3600 RPM, high efficiency submersible motor. The pressure maintenance pump shall perform as specified by the Technical Specifications.

2.25 SKID, PIPING, VALVES, GAUGES, & MECHANICAL EQUIPMENT

- A. **Base Construction:** Pump station base shall be formed from a single sheet of 3/8" steel, continuous welded and smooth ground at all corners resulting in a seamless, one piece structure 6-3/8" or 8-3/8" tall with rounded edges and corners. Two 3" holes shall be located at each corner of the base, on the sidewall, for the purpose of lifting the pump station. The base shall be strategically reinforced underneath with structural channel iron to support pumps, manifold control enclosure and periphery. Flat steel, diamond or checker plate welded over structural steel shall not be permitted. The finished base height shall be 6-3/8" or 8". The base shall be drilled and tapped for mounting of pumps, manifolds, tanks, relief valves and other equipment. All tolerances shall permit direct bolting of pump station components to base. No slotted holes shall be permitted in the pump station base and no nuts or bolt heads shall be permitted on the underside of the base. The base shall be primed and painted per enclosed specifications on both top and bottom.
- B. **Fabricated Piping:** All fabricated piping shall conform to ASTM specifications A53 for Grade B welded or seamless pipe. Discharge piping shall be Schedule 40. All welded flanges shall be forged steel slip-on or weld neck type. All welded fittings shall be seamless, conforming to ASTM Specification A234, with pressure rating not less than 150 psi.
- C. **Drains:** Drains are to be provided from any possible low point in the system and are to be equipped with 3/8 A or 1/4" brass valves. Drains shall include, but are not limited to, the following:
- Drain for each pump discharge check valve
 - Drain in discharge manifold upstream of station discharge isolation valve.
 - A wash down 3/4" brass hose bib on the discharge manifold, upstream of the main station isolation valve.
- D. **Pump Check Valve:** Pump check valves shall be bolted directly to the pump discharge heads and sized per the technical data sheet. They shall be of the silent operating type that begins to close as forward velocity diminishes and be fully closed at zero velocity preventing flow reversal. Valve bodies shall be cast from ASTM-126C cast-iron or better and shall be free from blowholes, sand holes, and other impurities. The valve design shall incorporate a center guided, spring loaded poppet, guided at opposite ends and having a short linear stroke that generates a flow area equal to the pipe diameter. Internals shall be machined bronze disc, seat, and stem guide. Valves shall be sized to permit full pump capacity to discharge through them without exceeding a pressure drop of 2.5 PSI. Valves 4" and smaller to be pressure rated for 250 PSI, 6" to 10" to be pressure rated to 150 PSI. Valves 12" and larger check valves to be globe style with 150 PSI rating iron bodied with bronze trim.
- E. **Isolation Valve:** Each pump shall be isolated by means of a butterfly valve after the check valve and before the discharge manifold. The discharge manifold shall also have an isolation valve at the skid edge. Isolation valves shall be butterfly type with ten position lever for valves 4" and smaller, or gear operators for valves 5" and larger, rated for 200 PSI WOG working pressure. Trim shall include stainless steel stem, bronze or nickel coated iron-streamlined disk with full faced resilient seat design to eliminate need for flange gaskets.
- F. **Pressure Relief Valve:** A pressure relief valve shall be installed on the discharge piping downstream of the pressure regulating valves. The valve shall be sized to bypass sufficient water back to the water source to avoid the discharge pressure from exceeding the maximum

programmed pressure set point by more than 10 PSI. A butterfly isolation valve will be install upstream of the relief valve to facilitate service.

- G. **System Air Release:** Individual pump column air shall be purged prior to entering the pump station inlet and / or discharge manifold. Separation reservoirs or tanks with air/ water balance controls shall not be accepted.
- H. **Pressure Gauge:** A pressure gauge shall be located on the discharge manifold for measuring regulated, pressure. Pressure gauge shall be 304 stainless steel case and bezel construction. Gauge shall be 4" diameter, liquid filled. Pressure sensing connection shall be 1/4" NPT lower gauge connection.
- I. **Lake Level Controls:** The irrigation reservoir shall be continuously monitored by an electronic pressure transducer, which will send a 4-20ma signal to the PLC. The reservoir level will be read on the Touchscreen operator interface and displayed in inches. The user shall be able to control the remote signal activation level by making the desired adjustments on the screen. When low (set point) level has been maintained for the pre-set period, a 120 VAC signal shall be sent to a dry contact relay in the pump station panel to activate the start signal for a fill pump or valve. Upon a rise in the reservoir level, the signal will stop and the relay will drop out to stop the filling operation.
- J. **Pipe Support Stand:** Furnish manufactured steel pipe support stand as shown on the drawings and details. Support must be capable of supporting the weights. dead load and be adjustable within the range shown on the pump piping detail.
- K. **Access Hatch:** Provide hatch as a hinged component of the pump-mounting skid for access to wet well.
- L. **Painting:** Painting of the entire unit shall consist of a multi-step coating system including metal preparation, a rust prohibitive epoxy prime coat and a two part ultraviolet insensitive polyurethane finish having a total dry film thickness of not less than 5 mils. Each coat will be applied and baked for one half hour at 165 degrees F. All pump station components including skid, manifolds, isolation and relief valves, grooved clamps and supports shall be painted as shown in the Technical Specification. All electrical enclosures and accessory panels and tanks shall be appliance white.
- M. **Other Components:**
 - Tools and Spare Parts: Provide operating keys, servicing tools, test equipment, and any other items indicated on the drawings.
 - Other Materials: Provide other materials or equipment shown on the drawings or installation details to be part of the pumping system, even though such items may not have been referenced in these specifications.
 - All nuts, bolts, washers, and fasteners shall be zinc or cadmium plated for corrosion resistance.
- N. **Station Heater**

The pump station manufacturer will provide a thermostatically controlled heater. The heater will be powered from the station control panel and be mounted on a swing arm attached to the panel top.

2.26 OPTICAL ISOLATOR

The pump station manufacturer shall provide optical isolation to isolate the PLC and computer system from sensor circuits, which may have a different ground reference. The optical isolator shall isolate

the signal generated by the flow sensor from system input circuitry. The optical isolator wire terminal connection will be located in a J-box on the control panel exterior.

2.27 POWER ZONE - 5KVA

The pump station manufacturer shall provide an auxiliary power supply pre-wired and mounted on the skid. It should be capable of delivering 120 volt OR 220-volt single-phase power, with KVA and breaker ratings and quantity as called out in the technical data sheets.

2.28 FERTIGATION RUN RELAY

The pump station manufacturer shall provide a run relay, which shall provide a start/stop signal for customer supplied fertigation pump. The run relay shall allow the fertigation pump to run only after 100 GPM station flow rate. The station GPM setting to activate or de-activate the fertigation pump shall be field adjustable through the operator interface. The run relay wire terminal connection will be located in a J-box on the control panel exterior.

2.29 ELECTRONIC BUTTERFLY VALVE BACK-UP PRESSURE REGULATION ON MAIN PUMPS ONLY

- A. Pump station manufacturer shall provide an automatic by-pass back-up mode for constant pressure regulation in the event of VFD failure. The back-up mode shall automatically function on the fly during an event of a VFD failure, without loss of irrigation. The VFD back-up mode must provide constant pressure at variable flow without causing line surge. Utilizing the pressure relief valve is **not** an acceptable automatic back up mode due to its inability to provide surge free constant pressure regulation at variable flow demand. The automatic VFD by-pass mode shall be either controlled hydraulically through a pressure-regulating valve per pump or EBV (electronic butterfly valve(s)).
- B. The pump station discharge pressure shall be regulated to provide surge-free constant pressure as programmed via the control panel operator interface. Discharge pressure shall be regulated by an Electronic Butterfly Valve, consisting of the following:
 - 1. Gradual entry of water from the EBV pump into the discharge manifold to allow for complete purging of pump column air and elimination of surges.
 - 2. Maintain programmed downstream pressure regardless of discharge flow.
 - 3. Up to six, user adjustable PID control settings to ensure accurate pressure regulation at all flows, programmed pressure, or connected pump combination.
 - 4. Adjustable pressure ramp-up and ramp-down to assure surge free pressure regulation.
 - 5. After a drop in pressure, gradually increase system pressure over a user adjustable period to eliminate surging.
 - 6. Rate of change of pressure control to anticipate and eliminate rapid pressure changes caused by changing system demand.
- C. Adjustment of regulated downstream pressure shall be accomplished through the control panel operator interface. Individual pressure regulating valves shall be butterfly type with electric motor gear actuation. The maximum allowable pressure drop across the butterfly valve at full pump capacity shall not exceed one PSI. The Butterfly Valve shall be rated for not less than 285 PSI.

2.30 COMPOSITE PUMP STATION ENCLOSURE

- A. The pump station shall be totally enclosed by a modular type enclosure that is constructed of non-corrosive composite materials.
- B. The composite enclosure shall completely enclose the pump station mounting base and be flush with pump station pad.

C. The pump station enclosure shall consist of the following:

Side panels, two sets of double doors and pitched roof panels formed from fiberglass reinforced composite material. This material will be a 32-lb density closed cell fiberglass reinforced polyurethane panel having the following physical properties.

Material Properties	.05"	.75"	1.0"
Tensile Parallel: strength	6,220 psi	4,298 psi	3,837 psi
Tensile Perpendicular: strength	186 psi	274 psi	343 psi
Shear: Strength	530 psi	641 psi	685 psi
Shear: Modulus	3,750 psi	5,376 psi	6,243 psi
Compression: Strength @ 2.5% strain	366 psi	454 psi	339 psi
Compression: Modulus	14,700 psi	18,154 psi	13,627 psi
Flex: Strength	6,813 psi	5,372 psi	5,669psi
Flex: Modulus	311,180 psi	217,520 psi	278,440 psi
Static Bending: Strength	6,813 psi	5,563 psi	6,422 psi
Static Bending: Modulus	378,770 psi	279,310 psi	286,450 psi
R-Value:	1.22F(ft ²)h/Btu	1.92F(ft ²)h/Btu	2.24F(ft ²)h/Btu
Coefficient of Linear Expansion:	1.33 X 10 ⁻⁵ in/in/F	1.33 X 10 ⁻⁵ in/in/F	1.33 X 10 ⁻⁵ in/in/F
Mold/Fungi Test:	Passed Rating of 0	Passed Rating of 0	Passed Rating of 0

Corner posts, center posts and header beams shall be formed from structural composite profiles having UL 94 VO Flame Resistance Properties. The chart below is a typical listing of mechanical properties of the structural profiles utilized within the composite enclosures.

Mechanical Properties	Unit	Value
Tensile Strength	Psi	12,500
Tensile Modulus	Psi X 10 ⁶	1.2
Flexural Strength	Psi	25,000
Flexural Modulus	Psi X 10 ⁶	1.1
Compressive Strength - flatwise	Psi	34,000
Compressive Strength - edgewise	Psi	29,500
Shear Strength	Psi	13,000
IZOD Impact Strength	Ft.-lb./in.	9.6
Water absorption in 24 hrs	% by weight	.2
Specific Gravity		1.8

A header beam shall run from corner post to corner post on all sides of the enclosure. The header beam shall be chemically fused to the corner posts and center posts utilizing a Methacrylate structural adhesive. The composite framework is then attached to the skid utilizing the supplied mechanical hold-downs.

Each side panel shall have either a corner or center post on each side. Corner and center posts hold side panels in place from behind. Header beams hold side panels in place at the top and front.

D. The entire roof shall be removable without disturbing the remainder of the building. The roof panels shall sit on top of and bolt to the header beams. Bolts shall be spaced no farther than 20" apart around the lower flange of each roof panel. Removal of these bolts shall be the only obstacle to removing the entire roof. Two lifting points will be attached to the roof assembly for ease of removal. When two roof panels are joined together the mated pair is easily removed with a lifting strap and a boom. Removing the roof panels allows full access to pumps and motors from above.

- E. One incandescent light fixture shall be mounted at least 54" above the floor. The fixture will be suitable for wet locations and a cage will protect the light bulb. The switch will also be suitable for wet locations and be mounted at the edge of the door giving access to the control cabinet. All wire will be protected inside ½" sealtite flexible conduit.
- F. A fan shall be incorporated into one fixed side panel. The fan motor shaft shall be placed at least 48" above the top of the pump station skid. The fan shall have protective screening completely surrounding the blades and self-opening shutters on the outside of the panel. The fan shall be at least 18" in diameter and move at least 2800 cfm. The fan shall draw air from within the enclosure. A self-opening louvered panel shall be placed in a fixed side panel as far from the fan as possible. This louvered panel shall serve as air intake into the enclosure. An industrial thermostat will activate the fan.
- G. Painting shall consist of a multi-step coating system including composite preparation for use of a two part ultraviolet insensitive Aliphatic Urethane finish having a total dry film thickness of not less than 5 mils. All exposed enclosure components including side panels, doors, roof panels, posts, headers, and mounting brackets shall be painted medium green or Sandstone.

2.31 STAINLESS STEEL INLET BOX SCREEN

An all stainless steel box screen will be provided as called for in The Technical Specification. The screen will be box style with stainless steel mesh on three sides. The top, bottom and outlet sides will be solid stainless sheet. For support of the screen, stainless steel legs will be attached to the bottom. The box screen will have a clamp on style fitting with stainless steel bolts and nuts to slide over the inlet pipe.

2.32 INLET/DISCHARGE DROP PIPE

The pump station manufacturer shall supply the inlet and discharge drop pipes, with vertical swivel connection, for connection to the irrigation main line. The pipe will be of Schedule 40 steel, painted to match the pump station and sized for depth and termination based on the irrigation contractors requirements or as shown on the bid documents.

2.33 AUTO-FLUSH WYE STRAINER

The pump station manufacturer shall provide an automatic flushing wye strainer mounted and wired on skid. The wye strainer basket shall be piloted in both body and cover and fabricated from 24 gauge stainless steel with perforations as shown in the technical specifications. The body of the strainer shall be cast iron with flanged connections. Pressure drop through the strainer shall be not more than 1.75 PSI at full station capacity. The strainer shall be automatically flushed after a specific pump station run duration period. This timer is adjustable through the computer operator interface device (OID) as called out for in these specifications. A manual "on" selector switch shall be Touchscreen operator interface. Provided as an integral part of the strainer package shall be a normally closed solenoid operated valve. The PLC shall initiate the flushing cycle by opening the 2" solenoid valve for an adjustable duration. The flush shall be an adjustable timer through the computer interface device. A 2" ball valve shall be supplied to isolate the solenoid valve. The wye strainer size shall be specified in the technical data sheet. The flush line shall be piped to skid edge. Others to supply flush line back to supply pond.

2.34 BACKUP MODE ON VFD

Pump station manufacturer shall provide an automatic by-pass back-up mode for constant pressure regulation in the event of VFD failure. The back-up mode shall automatically function on the fly during an event of a VFD failure, without loss of irrigation. The VFD back-up mode must provide constant

pressure at variable flow without causing line surge. Utilizing the pressure relief valve is not an acceptable automatic back up mode due to its inability to provide surge free constant pressure

PART 3 - EXECUTION

3.1 INSPECTIONS AND REVIEWS

Site Inspections:

1. Verify site conditions and note irregularities affecting work of this section. Report irregularities to the Contracting Officer Representative prior to beginning work.
2. Beginning work of this section implies acceptance of existing conditions.

3.2 EXCAVATION AND BACKFILLING

Contractor to install and maintain safety fencing around all unattended excavation. Place safety signs adjacent to construction area roadway to the satisfaction of the Contracting Officer Representative.

3.3 PUMP STATION OFF LOADING & SETTING

Off-loading & setting of the pump station is the responsibility of the **contractor**, unless specifically called out elsewhere in the specification. **Crane** to off-load and set the pump station on the concrete slab is to be provided by **contractor**.

3.4 SITE PREPARATION DRAWINGS

The manufacturer shall furnish site preparation drawings within two weeks after receipt of order. Drawings shall indicate pump station alignment, discharge piping size, and electrical services required from local contractor. The owner shall return one set of drawings marked approved or corrected within one week of receipt.

3.5 PUMP STATION START UP

- A. Technical start up shall be furnished by the pump station manufacturer or a qualified, Watertronics certified service agency. Location and mounting details shall be furnished by the pump station manufacturer. Electrical connection, by purchaser, shall consist of a single conduit from owners disconnect to the pump station main disconnect. Additional purchaser responsibility shall include confirming correct motor rotation and securing local inspection/approval.

3.6 TECHNICAL START-UP

- A. Pump station technical start-up. Procedures should include:
 1. Station start-up and pressurization
 2. Pressure, flow, automatic shut-down and programming adjustments
 3. Monitoring of complete golf course irrigation cycle when possible.
 4. Customer training and presentation of owners manual.

3.7 TESTING

- A. The pump station manufacturer shall conduct and document a complete factory dynamic test of the pump station prior to shipment. Pump station shall be tested throughout the entire operating range at the net discharge pressure called for in the technical specifications.

- B. Watertronics Dynamic Pump Test:
1. Station full flow
 2. Station discharge pressure
 3. Individual pump pressure
 4. Individual pump flow
 5. Pump RPMs
 6. Pump curve (flow vs. TDH)
 7. Motor Voltage
 8. Motor frequency
 9. Motor Phase
 10. Motor Full Load Amps
 11. Motor amps at service factor (1.15)
 12. Motor Efficiency
 13. Vertical Motor vibration Standard Testing (V1, V2, H1, H2, A1, PH1, PH2)
 14. Power factor
 15. The test shall be documented for verification by the consulting engineer or owners' representative prior to delivery upon request.

3.8 WARRANTY

The manufacturer shall warrant the pumping station to be free of defects and product malfunctions for a period of two years from date of startup or 27 months after shipment, whichever occurs first. Failures caused by, lightning strikes, power surges, vandalism, flooding, operator abuse, or acts of God are excluded from warranty coverage. All warranties implied or otherwise shall not exceed those warranties extended by major or sub-component suppliers. Parts only warranty is not acceptable.

3.10 MAINTENANCE AND OPERATION INSTRUCTIONS

Pumping System Maintenance:

1. Prior to Final Inspection, provide a one-day training session to operating personnel on proper operation and maintenance of the pumping system. Training session should be for a period of not less than 8-hours and cover aspects of maintaining, operating and repairing the new pumping system.
2. Unless otherwise noted, provide irrigation operation and maintenance information in a 3-ring binder with table of contents and index sheet. Provide sections that are indexed and labeled. Provide the following information:
 - a. Catalog cut sheets for pumping system.
 - b. Manufacturer's Operation and Maintenance manuals including complete documentation for programming and recommended settings and adjustments.
 - c. Manufacturer's Technical Service Bulletins.
 - d. Manufacturer's Warranty Documentation.
 - e. Manufacturer's guide for troubleshooting operational problems.
 - f. Recommended routine maintenance inspections for weekly, monthly and annual inspections and recommended actions for the inspections and a recommended method for recording the findings of the inspections.
 - g. Predictive schedule for component replacement.
 - h. Listing of technical support contacts.
3. Operation and maintenance submittal package must be complete prior to being reviewed by the Contracting Officer Representative. Incomplete submittals will be returned without review.

3.11 OPERATION AND MAINTENANCE MANUAL

Operation and maintenance manuals shall be furnished at time of startup and initial training. Owner will also receive training specific to this station as specified.

3.12 CLEANUP

- A. Upon completion of work, Contractor to remove from the site all machinery, tools, excess materials, and rubbish.
- B. Clean all surfaces and touch up scratches on pumping system or piping with factory paint to match original

3.12 TECHNICAL SPECIFICATIONS

Model# VTVE-1-60X2/5ST-460-3-1200-120

Third Party Listing

Starting Equipment	U.L. Listed as and Industrial Control Device
Controls	U.L. Listed as and Industrial Control Assembly
VFD Controls	U.L. Listed as and Industrial Control Assembly

Total Design Criteria

Zone	Flow (GPM)	Pressure (PSI)
1	1200	120

Pump Station Incoming Power Requirement

DEVICE	AMP		KVA	Voltage	Phase	Hertz
Lead Pump (75 HP)/VFD	68			480	3	60
Lag Pumps (75 HP)	68					
Sustain Pump (5 HP)	8					
Control Power	3					
Accessories	11					
Total Full load Amps	158					

Pump Station Main Disconnect Rating

Non-Fused	Amps	Volts
Control Panel		480

Operator Interface

Color	Touchscreen	Memory Card
YES	Yes	YES

Variable Frequency Drive

Operating Temperature	0 to 50°C (32° -150°F)
Humidity	Non-Condensing
Minimum Efficiency	98% (full load, base speed)
Frequency Rating	100% continuous drive rating, Intermittent 111% Drive rating for one minute

Safeties

Safety	Setting
Incoming Phase Failure and Low Voltage and Phase Reversal	10% +/-
Individual Power Phase Failure and Low Voltage	10% +/-
Low Discharge Pressure Shut down	25 PSI Below Setpoint
High Discharge Pressure Shutdown	15 PSI Above Setpoint
Low Water Level Shutdown	2' Above Pump Suction

Motor and Pump Data

	PMP	Pump #1	Pump #2
Motor HP	5	60	60
Motor/Pump RPM	3600	1800	1800
Motor Service Factor	1.15	1.15	1.15
Motor Efficiency	74%	94.5%	94.5%
Motor Power Factor	81%	85.4%	85.4%
Motor Type	SUB	VHS	VHS
Motor Disconnect Volts	480	480	480
Motor Full Load Amps	8	87	87
Motor Locked Rotor Amps	53.4	539	539
Motor O.L. Rating, Amps	8.9	100	100
Motor Starter Type	XL	VFD/XL	VFD/XL
Motor Space Heater	N/A	Yes	Yes
Motor De-rate For Altitude	N/A	N/A	N/A
Motor CFM Requirements	N/A	425	510
Total Station CFM Req'd			
2550			
Pump GPM	50	600	600
Pump TDH	290	298	298
Pump Efficiency at Design	65%	85.2	85.2
Pump Shut Off Head, FT	430	333	333
Pump Column Pipe ID	2"	6"	6"
Pump Column Material	Steel	Steel	Steel
Pump Shaft Material	17-4 PH SS	Stainless Steel	Stainless Steel
Pump Impeller Material	Noryl	Stainless Steel	Stainless Steel
Pump Bowl Material	AISI 304SS	Cast Iron	Cast Iron
Pump Discharge Size	2"	6"	6"
Pump Check Valve Size	2"	6"	6"
Check Valve Rating, PSI	200	200	200
Check Valve Drop at Capacity, PSI	.75	1.5	1.5
Pump Isolation Valve Size	2"	5"	5"
Isolation Valve Rating, PSI	200	200	200
Electronic Butterfly Valve	N/A	5"	5"
Station Relief Valve Size	4"		

Sequence of Operation.

The system will Start or Stop based on the differential pressure setpoint.

Non-Irrigation times: The pressure maintenance pump (PM) should cycle ON and OFF to maintain irrigation setpoint system pressure. Pressure maintenance pump (PM) should turn OFF when main irrigation pumps Start.

Irrigation times: When the pressure maintenance pump cannot maintain the system pressure, the VFD on the main pump station will start the first main pump and gradually ramp the pressure up to desired irrigation system pressure. The start pressure of the VFD pump should be a differential below the setpoint. The pump speed will be modulated to hold a constant station pressure regardless of the flow. As the flow rate of the system increases and the VFD on the main pump can no longer maintain the system pressure at pump maximum speed, the next sequential pump should start on station VFD and first pump should accordingly reduce its speed and modulate. As the flow keep increasing, the pumps should sequentially be started until all the pumps are running to satisfy the system flow at the setpoint pressure.

When the irrigation demand of flow start to decrease, pumps should be sequentially turned off until a single VFD driven pump is operating.

When no flow demand is required the station pumps should turned OFF.

An algorithm should be written and included with the pump station for reducing the VFD pump speed as the next sequential pump is started so that no pressure surges are generated during the transition between pumps (even with across the line starting). If the operator/customer prefer to switch the VFD from pump to pump for sequential starting, he should be able to select this option with the HMI.

Pump Stuffing Box Style

Type	Mechanical Seal	Packing
	X	

Station Discharge Information

Zone	Isolation Valve	Meter Run Size	Flow Meter Type	Z Pipe	TOL's
1	8"	8"	Electromagnetic	8" FL x 12" FL	3 @ 3/4"

Auto Flush Strainer

Type	Size	Quantity	Perforation
Wye	8"	1	1/8"

Remote Interface Software & Alarm Notification (Optional)

Watervision Web-Based Remote Monitoring	Cellular
--	----------

Special Remote Monitoring

Custom Views	Wet Well Level Monitoring & Multiple Fill Control
Custom Views	Fertigation Monitoring & Control

Pump Station Enclosure

Access Doors	Ventilation Fan/Louvers	Interior Lighting	Exterior Mounted Service Disconnect	Exterior Mounted Communication J-Box	Color Green or Sandstone
X	X	X	X	N/A	Sandstone

Power Conditioner in NEMA 4 Enclosure

Size (KVA)	Output Voltage	Circuit Breakers Amps-Quantity
5	220	15-2

Main Electrical Enclosure Lighting

Interior	X,	Exterior	N/A
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Fertigation System Interface (Optional)

Run Relay	X	Optical Isolator	X
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Remote Recharge System Interface

Level Sensor Type	Quantity	Voltage
Level Transducer	1	Dry Contact

Pump Station Heater

Size (KW)	Voltage
5	460

Site Conditions & Intake Screen

Wet Well Depth	12 FT - To Be Confirmed
Wet Well Diameter	60"
Intake Flume Size, Type & Length	To Be Determined
Static Reservoir Inlet Screen Size*	SBS-24



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PHONE (763)-592-5600
FAX (763)-592-6600

RIVER OAKS GOLF COURSE - ALLIED TORO IRRIGATION SYSTEM

Material Quotation August 15, 2022

EXHIBIT "B"

QTY	PART #	DESCRIPTIONS - REMOTE COMMUNICATION ACCESSORIES	UNIT PRICE	EXTENSION
1	IPAD	Apple iPad Pro 11" w/ 128GB, Wi-fi + Cellular w/ Nuud LifeProof Case	1,377.70	1,377.70
1	JCAA103T50BNC-N	Base Antenna Assembly (includes: AA103 Base Antenna 5db, 50' Cable, Lightning Arrestor, & 6' BNC/N-Male Adapter Cable)	543.75	543.75
4	JCHMAU1424	Maxon TDP 1424 Radio, 1024 channel, 4-watt, w/ Display, Keypad, & Charger (both digital and analog)	583.20	2,332.80
		FCC Call Sign WPDM722 ius Valid Until 10/14/23.		
		SUB TOTAL		4,254.25

QTY	PART #	DESCRIPTIONS - WEATHER STATION	UNIT PRICE	EXTENSION
1	T107-SP-NM-MW	Campbell Scientific ET107 Wireless Weather Station w/ Solar Panel & Radio Comm	12,645.56	12,645.56
		SUB TOTAL		12,645.56

QTY	PART #	DESCRIPTIONS - SPRINKLERS/ETC.	UNIT PRICE	EXTENSION
801	TSJ-12AF-8-4-10A	TORO SJ, 8" Standard, 1.5" AquaFuse X 1-1/4" X 1" ACME	33.41	26,761.41
		SUB TOTAL		26,761.41

QTY	PART #	DESCRIPTIONS - PIPE (per ft.)	UNIT PRICE	EXTENSION
100	PE47102411	24" HDPE 4710 DR11 (Billed in 50 ft lengths) <i>INTAKE FLUME</i>	136.6847	13,668.47
400	PE47101213.5	12" HDPE 4710 DR13.5 (Billed in 50 ft lengths)	27.4238	10,969.52
1,300	PE47101013.5	10" HDPE 4710 DR13.5 (Billed in 50 ft lengths)	19.4971	25,346.23
6,500	PE47100813.5	8" HDPE 4710 DR13.5 (Billed in 50 ft lengths)	12.5597	81,638.05
15,000	PE47100613.5	6" HDPE 4710 DR13.5 (Billed in 50 ft lengths)	7.4080	111,120.00
4,200	PE47100313.5	3" HDPE 4710 DR13.5 (Billed in 50 ft lengths)	2.2079	9,273.18
52,000	PE47100213.5	2" HDPE 4710 DR13.5 (Billed in 2000 ft Coils)	1.0738	55,837.60
1,000	PE47100213.5	2" HDPE 4710 DR13.5 (Billed in 500 ft Coils)	1.1100	1,110.00
6	ZF04	Freight Charges - Per Truckload ADD	-	INCLUDED
		<i>Resin is a commodity item, therefore the pipe quote is based on current pricing. This quote is firm until 8/18/22, however, prices can change without notice, and the actual price will be determined when the contract is signed allowing the order to be placed. Project returns will be subject to the manufacturer's restock fee.</i>		
		SUB TOTAL		308,963.05

QTY	PART #	DESCRIPTIONS - VALVES/BOXES	UNIT PRICE	EXTENSION
5	AF263810961175009	10" HDPE IPS(DR-11) AQUAFUSE CONTROLFLO C515P2 GATE VALVE; RW OL NRS ON SSBN EPDM	3,139.17	15,695.85
15	AF263808961175009	8" HDPE IPS(DR-11) AQUAFUSE CONTROLFLO C515P2 GATE VALVE; RW OL NRS ON SSBN EPDM	2,130.44	31,956.60
11	AF263806961175009	6" HDPE IPS(DR-11) AQUAFUSE CONTROLFLO C515P2 GATE VALVE; RW OL NRS ON SSBN EPDM	1,370.90	15,079.90
74	AF263803961175009	3" HDPE IPS(DR-11) AQUAFUSE CONTROLFLO C515P2 GATE VALVE; RW OL NRS ON SSBN EPDM	878.78	65,029.72
10	AF0200Y-MFNO-000	2" AquaFuse Lateral Poly Ball Valve, 1/4 Turn, PE	139.05	1,390.50
1	AF0200Y-MFNO-360	2" AquaFuse Lateral Poly Ball Valve, 360deg Turn, PE	257.60	257.60
10	C30-P-02	Bermad C30020PSNP00T00-WD : WW-2"-C30-P-S-NP-T-WD; Combination air valve, plastic body (Black), w/Test Point, side outlet, NPT male-230PSI	172.85	1,728.50
106	TVB-10RND-G	TORO 10" Round Valve Box w/ Green Cover	20.70	2,194.20
63	TVB-10RND-BK	TORO 10" Round Valve Box w/ Black Cover	20.70	1,304.10
10	TVB-1521-12-G	TORO 15" Jumbo Rectangular Valve Box w/ Green Cover	69.35	693.50
10	TVB-1521-EXT6BOX	TORO 6" Extension for 15" Jumbo Rectangular Valve Box	51.75	517.50
		SUB TOTAL		135,847.97

QTY	PART #	DESCRIPTIONS - WIRE/ELECTRICAL	UNIT PRICE	EXTENSION
400,000	PG14RD-2500	#14 Red P.E. Secondary Wire (per ft.) (Billed in 2500' reels)	0.1090	43,600.00
80,000	PG12PE-WH	#12 White P.E. Secondary Wire (per ft.) (Billed in 2500' reels)	0.1639	13,112.00
2,000	PG4BK-1000	#4 Black UF P7001D, per ft. (billed in 1000' reels)	1.0415	2,083.00
2,000	PG4WH-1000	#4 White UF P7001D, per ft. (billed in 1000' reels)	1.0415	2,083.00
2,000	PG4RD-1000	#4 Red UF P7001D, per ft. (billed in 1000' reels)	1.0415	2,083.00
2,000	PG4GR-1000	#4 Green UF P7001D, per ft. (billed in 1000' reels)	1.0415	2,083.00
8,000	PG6BK-1000	#6 Black UF P7001D, per ft. (billed in 1000' reels)	0.7005	5,604.00
8,000	PG6WH-1000	#6 White UF P7001D, per ft. (billed in 1000' reels)	0.7005	5,604.00
8,000	PG6RD-1000	#6 Red UF P7001D, per ft. (billed in 1000' reels)	0.7005	5,604.00
8,000	PG6GR-1000	#6 Green UF P7001D, per ft. (billed in 1000' reels)	0.7005	5,604.00
9,000	PG8BK-1000	#8 Black UF P7001D, per ft. (billed in 1000' reels)	0.4321	3,888.90
9,000	PG8WH-1000	#8 White UF P7001D, per ft. (billed in 1000' reels)	0.4321	3,888.90
9,000	PG8RD-1000	#8 Red UF P7001D, per ft. (billed in 1000' reels)	0.4321	3,888.90
9,000	PG8GR-1000	#8 Green UF P7001D, per ft. (billed in 1000' reels)	0.4321	3,888.90
2,000	PG10BK-2500	#10 Black UF P7001D, per ft. (billed in 2500' reels)	0.2690	538.00
2,000	PG10WH-2500	#10 White UF P7001D, per ft. (billed in 2500' reels)	0.2690	538.00
2,000	PG10RD-2500	#10 Red UF P7001D, per ft. (billed in 2500' reels)	0.2690	538.00
2,000	PG10GR-2500	#10 Green UF P7001D, per ft. (billed in 2500' reels)	0.2690	538.00
10	KE98105	King DryConn Direct Bury Power Connector, 3 per pack	51.68	516.80
19	PGREDWTAPE	Red Warning Tape, 3"x1000' Roll	27.36	519.84
1,700	MMDBR/Y-6	3M 600 Volt Direct Bury Splice- Red/Yellow wire nut	1.67	2,839.00
19	UE5810	5/8"x10' Ground Rods	48.30	917.70
19	PG-182199	Ground Plates 12"x36"x.064" or 4" x 96" x .064", w/ 6ga Ground	177.60	3,374.40
19	PG-GR1161G+	Cadweld Plus Ground Connectors 1 Wire #6 Solid wire	16.99	322.81
40	PG-1820074	Erico "One-Shot" Kit, PG11L	21.76	870.40
19,000	PG6-CP2500	#6 Solid Bare Ground Wire, per ft. (Billed in 250', 1000', 2500' Reels)	0.7952	15,108.80
0	PG-1820058	GEM Ground Enhancement Material 50 pound bag, Powerset <i>if needed</i>	100.80	-
		<i>Copper is a commodity item, therefore the Copper wire quote is based on current pricing. This quote is firm until 8/25/22, however, prices can change without notice, and the actual price will be determined when the contract is signed allowing the order to be placed.</i>		
		SUB TOTAL		129,637.35

QTY	PART #	DESCRIPTIONS - FITTINGS, HDPE FUSION	UNIT PRICE	EXTENSION
7	AF360000551	8 IPS Molded Tee, Butt Fusion	163.21	1,142.47
3	AF360000053	10 IPS Molded Tee, Butt Fusion	381.08	1,143.24
1	AF360000504	12 IPS Molded Tee, Butt Fusion	540.39	540.39
25	AF360028266	6 IPS Molded 45° Bend, Butt Fusion	44.35	1,108.75
10	FFC22080000E000	8 IPS Fabricated 22-1/2° Bend, Butt Fusion	194.70	1,947.00
10	AF360019868	8 IPS Molded 45° Bend, Butt Fusion	100.21	1,002.10
3	FFC22100000E000	10 IPS Fabricated 22-1/2° Bend, Butt Fusion	235.32	705.96
3	AF360000052	10 IPS Molded 45° Bend, Butt Fusion	315.66	946.98
2	AF360000178	12 IPS Molded 45° Bend, Butt Fusion	369.78	739.56
12	AF360000068	8 x 6 IPS Molded Reducer, Butt Fusion	54.04	648.48
4	AF360003453	10 x 8 IPS Molded Reducer, Butt Fusion	82.80	331.20
1	AF360029046	12 x 8 IPS Molded Reducer, Butt Fusion	109.54	109.54
1	AF360018413	12 x 10 IPS Molded Reducer, Butt Fusion	120.51	120.51
75	AF360002215	3 x 3 x 3 IPS Molded Tee, Socket Fusion	25.01	1,875.75
150	AF360002186	3 x 2 IPS Molded Reducer, Socket Fusion	25.88	3,882.00
75	AF360002107	3 IPS Molded 90° Bend, Socket Fusion	19.35	1,451.25
75	AF360002145	3 IPS Molded Coupling, Socket Fusion	8.65	648.75
60	AF360002212	2 x 2 x 2 IPS Molded Tee, Socket Fusion	11.97	718.20
120	AF360002105	2 IPS Molded 90° Bend, Socket Fusion	5.33	639.60
60	FSFFL020450E00S	2 IPS Molded 45° Bend, Socket Fusion	22.79	1,367.40
20	AF360002143	2 IPS Molded Coupling, Socket Fusion	3.27	65.40
10	AF360000601	6 x 2 IPS Branch Saddle	11.10	111.00
45	AF360000607	6 x 3 IPS Branch Saddle	18.09	814.05
2	AF360000614	8 x 2 IPS Branch Saddle	11.10	22.20
30	AF360000620	8 x 3 IPS Branch Saddle	18.09	542.70
3	AF360003590	10 x 3 IPS Branch Saddle	18.09	54.27
10	AF360002496	2" HDPE Transition Fitting, PE X MPT	19.36	193.60
850	AFAS150-020	2" x 1-1/2" AquaFuse Service Saddle	26.12	22,202.00
25	AF AEL150-000	2" x 1-1/2" AquaFuse End-of-Line Service Saddle, PE x FAT	26.12	653.00
25	AF360002185	2 x 1-1/2" IPS Molded Reducer Coupling, Socket Fusion	7.58	189.50
1	ZF04	Freight Charges - Per Truckload ADD	-	INCLUDED
		<i>Resin is a commodity item, therefore the HDPE fittings quote is based on current pricing. This quote is firm until 9/16/22, however, prices can change without notice, and the actual price will be determined when the contract is signed allowing the order to be placed. Project returns will be subject to the manufacturer's restock fee.</i>		
		SUB TOTAL		45,916.85

QTY	PART #	DESCRIPTIONS - FITTINGS, MISCELLANEOUS	UNIT PRICE	EXTENSION
63	TSJ-10AF-12-4-10Q	TORO SJ, 12" Standard, 1.5" AquaFuse X 1" X 1" QC	50.34	3,171.42
63	HF82201	Harco QCV Anchor, 3/4", 1"	20.00	1,260.00
		SUB TOTAL		4,431.42

QTY	PART #	DESCRIPTIONS - FLOWTRONEX PUMP STATION	UNIT PRICE	EXTENSION
1	VTVE-1-60X2/5STV-460-3-1200-120	WATERTRONICS VTVE Pump Station; 1200gpm @ 120psi, (2) 60HP w/ 5HP PM Pump, 460V, 3 Phase. Includes SBS-24 Box Screen; QU# 202208081336Q2 (Does not include crane work)	224,241.00	224,241.00
		SUB TOTAL		224,241.00

QTY	PART #	DESCRIPTIONS - SPARE, REPAIR PARTS & TOOLS TO BE SHIPPED AT THE END OF THE PROJECT	UNIT PRICE	EXTENSION
2	995-100	1" & 1-1/2" Golf Body Snap Ring Pliers	50.14	100.28
2	995-08	1" Golf Body Valve Removal Tool	48.75	97.50
2	995-15	Valve Selector Tool	3.32	6.64
2	118-1844	1" Infinity Golf Body Valve Insertion Tool	19.37	38.74
2	995-83	Utility (Multi-purpose) Head Tool	15.63	31.26
2	995-102	Riser Hold Up Tool, Universal	8.19	16.38
2	995-105	DT/800S 5/16" Nut Driver For Intermediate Nozzle	15.86	31.72
2	995-99	DT/800S 5/8" Nut Driver For Main Nozzle	25.93	51.86
2	TO43-006	2" Operating Wrench, Five Foot	73.88	147.76
2	AFBVK	AquaFuse Telescoping Ball Valve Key, 19" - 30"	191.70	383.40
2	AF360000905	12" EF Coupling for Repairs	292.95	585.90
2	AF360000902	10" EF Coupling for Repairs	189.45	378.90
2	AF360000944	8" EF Coupling for Repairs	99.27	198.54
2	AF360000939	6" EF Coupling for Repairs	70.10	140.20
2	AF360000936	4" EF Coupling for Repairs	28.64	57.28
2	AF360000933	3" EF Coupling for Repairs	18.05	36.10
2	AF360000920	2" EF Coupling for Repairs	9.31	18.62
		SUB TOTAL		2,321.08

This is a material quotation only! This quote may not represent actual quantities needed for the project. The purchaser of the product must supply MTI Distributing with their list of materials to be delivered.

SUMMARY

MATERIAL TOTAL	895,019.94
TOTAL	895,019.94
AQUAFUSE COMPLETE PACAKGE DISCOUNT	(15,000.00)
MN SALES TAX (6.875%)	60,501.37
GRAND TOTAL	940,521.31
PAYMENT TERMS	NET 60 DAYS

This Quote reflects pricing for complete package purchases only. AQUAFUSE COMPLETE PACKAGE DISCOUNT will be applied to the order for the pipe, valves, and fittings quoted and may be adjusted for smaller order quantities. Prices may be higher for less than complete material package purchases. Pricing is subject to change without notice.



Count on it.

MTI DISTRIBUTING, INC.
4830 AZELIA AVE. N., STE 100
BROOKLYN CENTER, MN 55429
PHONE (763)-592-5600
FAX (763)-592-6600

RIVER OAKS GOLF COURSE (Omnia #5254506)

TORO IRRIGATION SYSTEM

Material Quotation May 24, 2022

EXHIBIT "A"

QTY	PART #	DESCRIPTIONS - CONTROLLERS	UNIT PRICE	EXTENSION
1	NSN-ESSENT-3N1-L	TORO NSN 3 Year Support Package ADD-ON (includes: 24hr support, emergency paging, ext. warranty, free software packs, 24hr hardware replacement)	5,580.00	5,580.00
4	G4-32P6R4	TORO OSMAC G3 32 Sta. w/Lg. Trm Blk, Swts & Gold Surge NB	3,893.74	15,574.96
10	G4-48P6R4	TORO OSMAC G3 48 Sta. w/Lg. Trm Blk, Swts & Gold Surge NB	4,779.00	47,790.00
5	G4-64P6R4	TORO OSMAC G3 64 Sta. w/Lg. Trm Blk, Swts & Gold Surge NB	5,665.61	28,328.05
1	RIU-01	TORO Radio Base Station, Single Radio (OSMAC)	6,248.81	6,248.81
		SUB TOTAL		103,521.82

QTY	PART #	DESCRIPTIONS - SPRINKLERS	UNIT PRICE	EXTENSION
627	INF34-358-2	TORO INFINITY, 1" Body, FC, 35Noz, 80#, SG, Green & Tee Sprinkler	197.10	123,581.70
174	INF35-368-2	TORO INFINITY, 1" Body, PC, 36Noz, 80#, SG, Green & Tee Sprinkler	215.33	37,467.42
50	INF35-368-2	TORO INFINITY, 1" Body, PC, 36Noz, 80#, SG, Green & Tee Sprinkler <i>Contingency</i>	215.33	10,766.50
		SUB TOTAL		171,815.62

QTY	PART #	DESCRIPTIONS - QC VALVES, MISCELLANEOUS	UNIT PRICE	EXTENSION
61	474-00	TORO 1" Quick Coupler Valve w/ SS Cover	39.83	2,429.63
25	474-00	TORO 1" Quick Coupler Valve w/ SS Cover <i>Contingency</i>	39.83	995.75
10	464-01	TORO 1" Quick Coupler Key	41.51	415.10
10	477-02	TORO 1"x1" Hose Swivel	34.43	344.30
		SUB TOTAL		4,184.78

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SUMMARY

MATERIAL TOTAL	279,522.22
TOTAL	279,522.22
MN SALES TAX (6.875%)	19,217.15
GRAND TOTAL	298,739.37
PAYMENT TERMS	NET 30 DAYS

This Quote reflects pricing for complete package purchases only. Prices may be higher for less than complete material package purchases. Pricing is subject to change without notice.



City Council Action Request

8A

Meeting Date 10/5/2022

Department Finance

Agenda Category Approve Disbursements

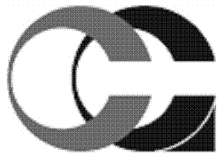
Title Approve payments for the period of 9-16-2022 through 9-29-2022 in the amount of \$5,625,235.34.

Staff

Recommendation

Budget Implication N/A

Attachments	EXPENSE APPROVAL REPORT.tif	7.53MB
	PAYROLL CHECK REGISTER.tif	15.48KB



Cottage Grove

Expense Approval Report

By Vendor Name

Payment Dates 9/16/2022 - 9/29/2022

Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
Vendor: VEN35983 - 3M COMPANY					
3M COMPANY	217451	09/28/2022	20220928	2021 TEMP & PERM EASEMENT-S DIST SANITARY S	45,355.00
3M COMPANY	217451	09/28/2022	20220928	2022 TEMP & PERM EASEMENT-S DIST STORM SE	12,539.00
Vendor VEN35983 - 3M COMPANY Total:					57,894.00
Vendor: VEN35316 - ABM EQUIPMENT LLC					
ABM EQUIPMENT LLC	14026	09/22/2022	171837-IN	HOSE END, GASKETS - 6005/34748	538.00
ABM EQUIPMENT LLC	14026	09/22/2022	171899-IN	REDUCER WELDMENT - 6005/34748	442.20
ABM EQUIPMENT LLC	14026	09/22/2022	171926-IN	CREDIT INV# 171837-IN - REDUCER WELDMENT	-318.77
Vendor VEN35316 - ABM EQUIPMENT LLC Total:					661.43
Vendor: VEN20033 - ACUSHNET COMPANY					
ACUSHNET COMPANY	217452	09/28/2022	913527979	PROSHOP MERCHANDISE	154.29
ACUSHNET COMPANY	217452	09/28/2022	914114558	PROSHOP MERCHANDISE	102.90
Vendor VEN20033 - ACUSHNET COMPANY Total:					257.19
Vendor: VEN35068 - AI TECHNOLOGIES LLC					
AI TECHNOLOGIES LLC	14069	09/29/2022	20011092022	SEPTEMBER BENEFITS ADMINISTRATION FEES	340.00
Vendor VEN35068 - AI TECHNOLOGIES LLC Total:					340.00
Vendor: VEN33119 - AJ ALBERTS PLUMBING INC.					
AJ ALBERTS PLUMBING INC.	217370	09/21/2022	16945292	PLUMBING FOR LABOR & MATERIAL-OAKWOOD PARK SHELTER	21,764.00
Vendor VEN33119 - AJ ALBERTS PLUMBING INC. Total:					21,764.00
Vendor: VEN33229 - AMAZON FULFILLMENT SERVICES, INC.					
AMAZON FULFILLMENT SERVI	14027	09/22/2022	1NLC-P3FJ-6RP4	SURFACE PRO CHARGER-HER	36.29
AMAZON FULFILLMENT SERVI	14027	09/22/2022	17NQ-JPQM-9VQK	1 GALLON DOG WATER BOWL -PD	109.95
AMAZON FULFILLMENT SERVI	14027	09/22/2022	1DVN-F966-1FPH	SCANNER EXCHANGE ROLLER KIT-IT	38.26
AMAZON FULFILLMENT SERVI	14027	09/22/2022	131Q-K1TH-1GMM	AED DEFIBRILLATOR BATTERY-RIVER OAKS	169.00
AMAZON FULFILLMENT SERVI	14027	09/22/2022	1YKF-1FKW-739N	PRINCIPLES OF IS/GUIDE TO NETWORK DEFENSE-IT	143.60
AMAZON FULFILLMENT SERVI	14027	09/22/2022	1NNN-LW1J-K7RC	GRAY SILICONE WEATHERSEAL SEALANT-PW	306.00
AMAZON FULFILLMENT SERVI	14027	09/22/2022	1PYP-JV7G-D36G	DANGER FLAMMABLE LIQUIDS SIGN-PW	8.99
AMAZON FULFILLMENT SERVI	14070	09/29/2022	1PYP-VCJ9-7YDR	TV MONITOR WALL MOUNT/TCL ROKU TV-IT	248.98
AMAZON FULFILLMENT SERVI	14027	09/22/2022	1J9H-XQWF-GLR7	CREDIT INV# - HONEYWELL EYEWASH STATION	-894.40
AMAZON FULFILLMENT SERVI	14027	09/22/2022	1T4G-NK7N-NKJ9	HONEYWELL EYEWASH STATION/EMERGENCY SIGN-FACILITY	908.97
AMAZON FULFILLMENT SERVI	14070	09/29/2022	11DQ-439M-6PHR	KEY TAGS-REC RENTAL KEYS	33.79
AMAZON FULFILLMENT SERVI	14027	09/22/2022	13FR-YTKX-6XT3	FELT FURNITURE PADS-CENTRAL FIRE	12.30
AMAZON FULFILLMENT SERVI	14027	09/22/2022	1K64-7KPF-3R1T	TWO DRUM MODULAR SPILL CONTAINMENT PLATFORMS-PW	290.06

Expense Approval Report

Payment Dates: 9/16/2022 - 9/29/2022

Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
AMAZON FULFILLMENT SERVI	14070	09/29/2022	16CF-N3RJ-FPFQ	EYE	39.45
AMAZON FULFILLMENT SERVI	14070	09/29/2022	1QTM-77RH-1W4M	CHART/NIGHTLIGHT/TIMER-PARAMEDIC SUPPLIES NAME TAGS-HERO	33.26
Vendor VEN33229 - AMAZON FULFILLMENT SERVICES, INC. Total:					1,484.50
Vendor: VEN31224 - AMERICAN FAMILY LIFE ASSURANCE COMPANY OF COLUMBUS					
AMERICAN FAMILY LIFE ASSU	14028	09/22/2022	INV025062	9/8/22 BIWEEKLY PAYROLL 8/15/22-8/28/22	201.13
AMERICAN FAMILY LIFE ASSU	14028	09/22/2022	INV025072	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	201.13
Vendor VEN31224 - AMERICAN FAMILY LIFE ASSURANCE COMPANY OF COLUMBUS Total:					402.26
Vendor: VEN35454 - AMERICAN PAYMENT CENTERS LLC					
AMERICAN PAYMENT CENTER	217371	09/21/2022	79283	3RD QTR BOX SVC	40.50
AMERICAN PAYMENT CENTER	217371	09/21/2022	79283	3RD QTR BOX SVC	40.50
Vendor VEN35454 - AMERICAN PAYMENT CENTERS LLC Total:					81.00
Vendor: VEN01027 - ANCOM TECHNICAL CENTER					
ANCOM TECHNICAL CENTER	217453	09/28/2022	110301	VOLUME KNOB	3.75
Vendor VEN01027 - ANCOM TECHNICAL CENTER Total:					3.75
Vendor: VEN29293 - ASPEN MILLS					
ASPEN MILLS	217372	09/21/2022	299420	UNIFORM & EMBROIDERY - LINDER	44.74
ASPEN MILLS	217372	09/21/2022	299420	UNIFORM & EMBROIDERY - LINDER	134.21
ASPEN MILLS	217372	09/21/2022	299607	UNIFORM & EMBROIDERY - BANKEN	192.89
ASPEN MILLS	217372	09/21/2022	299607	UNIFORM & EMBROIDERY - BANKEN	578.68
Vendor VEN29293 - ASPEN MILLS Total:					950.52
Vendor: VEN31508 - BDG INC					
BDG INC	217373	09/21/2022	27908	BULLDOG NOZZLE	3,516.80
Vendor VEN31508 - BDG INC Total:					3,516.80
Vendor: VEN34204 - BENEFIT EXTRAS, INC.					
BENEFIT EXTRAS, INC.	14029	09/22/2022	110797	SEP FEES - COBRA/RETIREE BILLING/HRA & FLEX ADMIN	917.75
Vendor VEN34204 - BENEFIT EXTRAS, INC. Total:					917.75
Vendor: VEN35453 - BIX PRODUCE COMPANY LLC					
BIX PRODUCE COMPANY LLC	14030	09/22/2022	5503208	FOOD FOR CLUBHOUSE	397.49
BIX PRODUCE COMPANY LLC	14030	09/22/2022	5506118	FOOD FOR CLUBHOUSE	305.55
Vendor VEN35453 - BIX PRODUCE COMPANY LLC Total:					703.04
Vendor: VEN32643 - BLOCK WORKS, LLC					
BLOCK WORKS, LLC	217374	09/21/2022	289	TILE WORK-HAMLET PARK CONCESSIONS BUILDING	782.00
Vendor VEN32643 - BLOCK WORKS, LLC Total:					782.00
Vendor: VEN34277 - BOB KILIAN ELECTRIC COMPANY					
BOB KILIAN ELECTRIC COMPA	217454	09/28/2022	20220928	REFUND PERMIT# 2022- 019604 - 10124 GREYSTONE CIR S	175.00
Vendor VEN34277 - BOB KILIAN ELECTRIC COMPANY Total:					175.00
Vendor: VEN31447 - BOLTON & MENK, INC					
BOLTON & MENK, INC	14071	09/29/2022	295539	2020 HAMLET PARK EXPANSION SVCS 6/25/22- 7/22/22	72.50
BOLTON & MENK, INC	14071	09/29/2022	295540	2021 MILL & OVERLAY SVCS 6/25/22-7/22/22	198.00
BOLTON & MENK, INC	14071	09/29/2022	295541	2021 PAVEMENT MANAGEMENT SVCS 6/25/22 -7/22/22	930.00
BOLTON & MENK, INC	14071	09/29/2022	295542	2022 MILL OVERLAY PROJECT SVCS 6/25/22-7/22/22	537.00

Expense Approval Report

Payment Dates: 9/16/2022 - 9/29/2022

Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
BOLTON & MENK, INC	14071	09/29/2022	295543	3M CLARIFIER PROJECT SVCS 6/25/22-7/22/22	2,224.00
BOLTON & MENK, INC	14071	09/29/2022	295544	95TH JAMAICA SITE SVCS 6/25/22-7/22/22	304.50
BOLTON & MENK, INC	14071	09/29/2022	295545	ANDERSEN OPUS EXPANSION SVCS 6/25/22-7/22/22	398.50
BOLTON & MENK, INC	14071	09/29/2022	295546	ANDERSEN RENEWAL EXPANSION SVCS 6/25/22- 7/22/22	2,151.50
BOLTON & MENK, INC	14071	09/29/2022	295547	BAILEY DEVELOPMENT SVCS 6/25/22-7/22/22	202.50
BOLTON & MENK, INC	14071	09/29/2022	295548	CARDINAL RESERVE SVCS 6/25/22-7/22/22	12,434.50
BOLTON & MENK, INC	14071	09/29/2022	295549	COMP SANITARY SEWER PLAN SVCS 6/25/22-7/22/22	605.00
BOLTON & MENK, INC	14071	09/29/2022	295551	EASTBROOKE SVCS 6/25/22- 7/22/22	82.50
BOLTON & MENK, INC	14071	09/29/2022	295553	EASTBROOKE 2ND ADDITION SVCS 6/25/22-7/22/22	523.00
BOLTON & MENK, INC	14071	09/29/2022	295556	RIVER OAKS RCUT SVCS 6/25/22-7/22/22	177.50
BOLTON & MENK, INC	14071	09/29/2022	295556	2022 FWD TESTING SVCS 6/25/22-7/22/22	3,296.00
BOLTON & MENK, INC	14071	09/29/2022	295556	CCIP ASSISTANCE 2022 SVCS 6/25/22-7/22/22	280.00
BOLTON & MENK, INC	14071	09/29/2022	295556	8420 INDIAN BLVD DRAINAGE SVCS 6/25/22-7/22/22	2,262.00
BOLTON & MENK, INC	14071	09/29/2022	295556	SUMMERGATE 65TH ST SVCS 6/25/22-7/22/22	60.00
BOLTON & MENK, INC	14071	09/29/2022	295556	RIVER OAKS POND SURVEY & SWPPP SVC 6/25/22-7/22/22	3,016.00
BOLTON & MENK, INC	14071	09/29/2022	295556	RIVER OAKS TREE REMOVAL/BID SVCS 6/25/22- 7/22/22	3,250.50
BOLTON & MENK, INC	14071	09/29/2022	295556	PANERA & CANES SITE CONCEPTS SVCS 6/25/22- 7/22/22	10,631.00
BOLTON & MENK, INC	14071	09/29/2022	295556	80TH ST SIGNAL ADJUSTMENTS SVCS 6/25/22- 6850 EAST POINT DOUGLAS ROAD SVCS 6/25/22-7/22/22	192.00
BOLTON & MENK, INC	14071	09/29/2022	295556	GIS PROJECT UPDATES SVCS 6/25/22-7/22/22	1,113.00
BOLTON & MENK, INC	14071	09/29/2022	295558	GLACIAL VALLEY ESTATES SVCS 6/25/22-7/22/22	2,625.50
BOLTON & MENK, INC	14071	09/29/2022	295559	GLACIAL VALLEY ESTATES 2ND SVCS 6/25/22-7/22/22	800.00
BOLTON & MENK, INC	14071	09/29/2022	295561	GLACIAL VALLEY PARK PH 1 SVCS 6/25/22-7/22/22	2,219.00
BOLTON & MENK, INC	14071	09/29/2022	295562	HAMLET HEIGHTS SVCS 6/25/22-7/22/22	34,623.60
BOLTON & MENK, INC	14071	09/29/2022	295564	HAMLET PARK EXP PHASE 3 SVCS 6/25/22-7/22/22	384.00
BOLTON & MENK, INC	14071	09/29/2022	295565	HAWTHORNE SVCS 6/25/22- 7/22/22	1,015.00
BOLTON & MENK, INC	14071	09/29/2022	295566	HAWTHORNE 2ND ADDITION SVCS 6/25/22-7/22/22	4,212.00
BOLTON & MENK, INC	14071	09/29/2022	295567	HEMINGWAY INDUSTRIAL SVCS 6/25/22-7/22/22	31,499.50
BOLTON & MENK, INC	14071	09/29/2022	295568	HIGH POINTE SVCS 6/25/22- 7/22/22	4,387.00
BOLTON & MENK, INC	14071	09/29/2022	295569	HIGH POINTE 2ND ADDITION SVCS 6/25/22-7/22/22	299.00
BOLTON & MENK, INC	14071	09/29/2022	295570	HINTON WOODS SVCS 6/25/22-7/22/22	195.00
BOLTON & MENK, INC	14071	09/29/2022	295571		6,164.00

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BOLTON & MENK, INC	14071	09/29/2022	295572	HIINTON WOODS 2ND SVCS 6/25/22-7/22/22	7,805.50
BOLTON & MENK, INC	14071	09/29/2022	295573	JAMAICA AVENUE EAST POINT SVCS 6/25/22-7/22/22	34,432.43
BOLTON & MENK, INC	14071	09/29/2022	295574	KINGSTON FIELDS 2ND SVCS 6/25/22-7/22/22	240.00
BOLTON & MENK, INC	14071	09/29/2022	295575	LANGDON HILLS SVCS 6/25/22-7/22/22	290.00
BOLTON & MENK, INC	14071	09/29/2022	295576	LEAFLINE EXPANSION SVCS 6/25/22-7/22/22	924.00
BOLTON & MENK, INC	14071	09/29/2022	295577	L-P3 POND IMPROVEMENTS SVCS 6/25/22-7/22/22	3,219.00
BOLTON & MENK, INC	14071	09/29/2022	295578	MICHAEL'S POINTE SVCS 6/25/22-7/22/22	2,684.00
BOLTON & MENK, INC	14071	09/29/2022	295579	MISSISSIPPI LANDING SVCS 6/25/22-7/22/22	2,167.50
BOLTON & MENK, INC	14071	09/29/2022	295581	NORTHWICK PARK SVCS 6/25/22-7/22/22	573.50
BOLTON & MENK, INC	14071	09/29/2022	295582	NORTHWICK PARK 2ND ADD SVCS 6/25/22-7/22/22	217.50
BOLTON & MENK, INC	14071	09/29/2022	295583	OFFICE HOURS SVCS 6/25/22- 7/22/22	2,760.00
BOLTON & MENK, INC	14071	09/29/2022	295586	PARKVIEW POINTE FINAL ST SVCS 6/25/22-7/22/22	15,809.00
BOLTON & MENK, INC	14071	09/29/2022	295593	PILLAI BUILDERS SVCS 6/25/22-7/22/22	7,279.00
BOLTON & MENK, INC	14071	09/29/2022	295595	PINE HILL SCHOOL ANALYSIS SVCS 6/25/22-7/22/22	716.00
BOLTON & MENK, INC	14071	09/29/2022	295597	RAVINE MEADOWS SVCS 6/25/22-7/22/22	462.50
BOLTON & MENK, INC	14071	09/29/2022	295599	ROLLING MEADOWS SVCS 6/25/22-7/22/22	3,673.00
BOLTON & MENK, INC	14071	09/29/2022	295601	SETTLERS BLUFF SVCS 6/25/22-7/22/22	5,224.00
BOLTON & MENK, INC	14071	09/29/2022	295604	SETTLERS BLUFF 2ND ADDITION SVCS 6/25/22- 7/22/22	6,423.00
BOLTON & MENK, INC	14071	09/29/2022	295605	SHOPPES AT COTTAGE VIEW SVCS 6/25/22-7/22/22	221.00
BOLTON & MENK, INC	14071	09/29/2022	295606	SOUTH DISTRICT TRUNK SEWER SVCS 6/25/22-7/22/22	6,608.00
BOLTON & MENK, INC	14071	09/29/2022	295607	SOUTH DISTRICT TRUNK STORM SVCS 6/25/22-7/22/2	1,684.50
BOLTON & MENK, INC	14071	09/29/2022	295610	TG-P14 POND IMPROVEMENTS SVCS 6/25/2	5,902.50
BOLTON & MENK, INC	14071	09/29/2022	295613	WEBER-OPPIDAN DEVELOPMENT SVCS 6/25/22 -7/22/22	1,747.50
BOLTON & MENK, INC	14071	09/29/2022	295615	WOODWARD PONDS SVCS 6/25/22-7/22/22	417.00
BOLTON & MENK, INC	14071	09/29/2022	295616	WOODWARD PONDS 2ND ADD SVCS 6/25/22-7/22/22	1,156.00
Vendor VEN31447 - BOLTON & MENK, INC Total:					246,001.53
Vendor: VEN02288 - BOUND TREE MEDICAL, LLC					
BOUND TREE MEDICAL, LLC	14031	09/22/2022	84652177	EMS SUPPLIES	870.13
BOUND TREE MEDICAL, LLC	14031	09/22/2022	84654112	EMS SUPPLIES	80.00
BOUND TREE MEDICAL, LLC	14031	09/22/2022	84658242	EMS SUPPLIES	1,094.07
Vendor VEN02288 - BOUND TREE MEDICAL, LLC Total:					2,044.20
Vendor: VEN02306 - BRAUN INTERTEC CORPORATION					
BRAUN INTERTEC CORPORATI	14032	09/22/2022	B306915	RAW WATER MAIN EXTEN IMPROVE SVCS THRU 8/6/22	7,113.00
Vendor VEN02306 - BRAUN INTERTEC CORPORATION Total:					7,113.00

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Vendor: VEN35273 - BREAKTHRU BEVERAGE MINNESOTA BEER LLC					
BREAKTHRU BEVERAGE MINN	217375	09/21/2022	345485488	BEER FOR CLUBHOUSE	508.20
BREAKTHRU BEVERAGE MINN	217455	09/28/2022	345618637	BEER FOR CLUBHOUSE	626.00
Vendor VEN35273 - BREAKTHRU BEVERAGE MINNESOTA BEER LLC Total:					1,134.20
Vendor: VEN33107 - BURGGRAF'S ACE HARDWARE OF COTTAGE GROVE CO.					
BURGGRAF'S ACE HARDWARE	217376	09/21/2022	4823	NITRILE GLOVES-WATER	24.99
BURGGRAF'S ACE HARDWARE	217376	09/21/2022	4830	WASP & HORNET SPRAY-WATER	21.00
BURGGRAF'S ACE HARDWARE	217376	09/21/2022	4831	SAFETY GLASSES-WATER	227.88
Vendor VEN33107 - BURGGRAF'S ACE HARDWARE OF COTTAGE GROVE CO. Total:					273.87
Vendor: VEN03001 - CALLAWAY GOLF					
CALLAWAY GOLF	217377	09/21/2022	934984816	PROSHOP MERCHANDISE	244.20
Vendor VEN03001 - CALLAWAY GOLF Total:					244.20
Vendor: VEN32194 - CAPSTONE HOMES, INC					
CAPSTONE HOMES, INC	14033	09/22/2022	20220921-1	REFUND ESCROW - 10284 GREENWAY CIR S	5,065.00
CAPSTONE HOMES, INC	14033	09/22/2022	20220921-2	REFUND ESCROW - 10276 GREENWAY CIR S	5,065.00
CAPSTONE HOMES, INC	14075	09/29/2022	20220928-1	REFUND ESCROW - 10273 GREENWAY CIR S	5,065.00
CAPSTONE HOMES, INC	14075	09/29/2022	20220928-2	REFUND ESCROW - 10129 MISSISSIPPI DUNES BLVD S	5,065.00
CAPSTONE HOMES, INC	14075	09/29/2022	20220928-3	REFUND ESCROW - 6925 101ST ST S	5,065.00
Vendor VEN32194 - CAPSTONE HOMES, INC Total:					25,325.00
Vendor: VEN03362 - CARLSON AUTO SERVICE & REPAIR					
CARLSON AUTO SERVICE & RE	14034	09/22/2022	53543	PM SERVICE - 5003/34814	55.57
CARLSON AUTO SERVICE & RE	14034	09/22/2022	53575	PM SERVICE & ROTATE TIRES - 1754/34826	84.35
Vendor VEN03362 - CARLSON AUTO SERVICE & REPAIR Total:					139.92
Vendor: VEN35388 - CENTRAL MCGOWAN INC					
CENTRAL MCGOWAN INC	14076	09/29/2022	193016	CO2/NITROGEN CYLINDER RENTAL	15.00
CENTRAL MCGOWAN INC	14076	09/29/2022	619691	CO2/NITROGEN CYLINDER RENTAL	173.63
Vendor VEN35388 - CENTRAL MCGOWAN INC Total:					188.63
Vendor: VEN03059 - CENTURY COLLEGE					
CENTURY COLLEGE	14077	09/29/2022	759303	FIREFIGHTER I BOOKS	345.00
Vendor VEN03059 - CENTURY COLLEGE Total:					345.00
Vendor: VEN32937 - CHRISTINE COSTELLO					
CHRISTINE COSTELLO	217456	09/28/2022	20220928-1	REIMBURSE BEVERAGE FOR PLANNINGCOMMISSION WORKSHOP	25.74
CHRISTINE COSTELLO	217456	09/28/2022	20220928-2	REIMBURSE MEAL FOR PLANNING COMMISSION WORKSHOP	194.85
Vendor VEN32937 - CHRISTINE COSTELLO Total:					220.59
Vendor: VEN33565 - CINTAS CORPORATION NO. 2					
CINTAS CORPORATION NO. 2	14078	09/29/2022	4130432450	PW UNIFORM SVC	6.13
CINTAS CORPORATION NO. 2	14078	09/29/2022	4130432450	PW UNIFORM SVC	32.30
CINTAS CORPORATION NO. 2	14035	09/22/2022	4130432482	SHOP TOWEL - AIR SVC - CART - HD SCRB SVC	17.50
CINTAS CORPORATION NO. 2	14035	09/22/2022	4130432482	SHOP TOWEL - AIR SVC - CART - HD SCRB SVC	17.50
CINTAS CORPORATION NO. 2	14078	09/29/2022	4130593613	SHOP TWL - PAPER CRT - RIVER OAKS UNIFORM SVC	47.22
CINTAS CORPORATION NO. 2	14035	09/22/2022	4131066995	SHOP TWL - AIR SVC - CRT - SHELL SHOCK - HD SCRB	19.50
CINTAS CORPORATION NO. 2	14035	09/22/2022	4131066995	SHOP TWL - AIR SVC - CRT - SHELL SHOCK - HD SCRB	19.50

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CINTAS CORPORATION NO. 2	14036	09/22/2022	4131204149	MAT SERVICE - HERO CENTER	313.47
CINTAS CORPORATION NO. 2	14078	09/29/2022	4131783666	SHOP TWL - AIR SVC - CRT - HD SCRB SVC	17.50
CINTAS CORPORATION NO. 2	14078	09/29/2022	4131783666	SHOP TWL - AIR SVC - CRT - HD SCRB SVC	17.50
Vendor VEN33565 - CINTAS CORPORATION NO. 2 Total:					508.12
Vendor: VEN03907 - CITY OF ST PAUL					
CITY OF ST PAUL	217378	09/21/2022	IN50659	PDI COURSE STREET SAFE- KLIKA	500.00
Vendor VEN03907 - CITY OF ST PAUL Total:					500.00
Vendor: VEN03183 - COLLEGE CITY BEVERAGE, INC.					
COLLEGE CITY BEVERAGE, INC	14037	09/22/2022	826863	BEER FOR CLUBHOUSE	414.50
COLLEGE CITY BEVERAGE, INC	14079	09/29/2022	828727	BEER FOR CLUBHOUSE	581.70
Vendor VEN03183 - COLLEGE CITY BEVERAGE, INC. Total:					996.20
Vendor: VEN32389 - COMCAST					
COMCAST	217379	09/21/2022	20220908	CENTRAL FIRE ACCT# 8772105760347241 9/13- 10/12/22	84.82
COMCAST	217457	09/28/2022	155284536	CENTRAL FIRE FIBER ACCT# 939010329 THRU 9/14/22	6,233.98
Vendor VEN32389 - COMCAST Total:					6,318.80
Vendor: VEN35691 - CONNER JAKES					
CONNER JAKES	217458	09/28/2022	20220928	REIMBURSEMENTS FOR 2022 PRESERVE CONFERENCE	747.25
Vendor VEN35691 - CONNER JAKES Total:					747.25
Vendor: VEN03011 - CRYSTEEL TRUCK EQUIPMENT INC					
CRYSTEEL TRUCK EQUIPMENT	14080	09/29/2022	FP187139	DECALS FOR PLOWS - 31MISC/34820	110.82
CRYSTEEL TRUCK EQUIPMENT	14080	09/29/2022	FP187179	BOSS OIL (1 GALLON) JUGS - STOCK ITEM	569.28
Vendor VEN03011 - CRYSTEEL TRUCK EQUIPMENT INC Total:					680.10
Vendor: VEN03013 - CULLIGAN-MILBERT COMPANY					
CULLIGAN-MILBERT COMPAN	217380	09/21/2022	157X01370308	SOLAR SALT-CLUBHOUSE	56.75
Vendor VEN03013 - CULLIGAN-MILBERT COMPANY Total:					56.75
Vendor: VEN32300 - D R HORTON					
D R HORTON	217459	09/28/2022	20220928-1	REFUND ESCROW - 6176 JEFFERY AVE S	5,495.00
D R HORTON	217459	09/28/2022	20220928-2	REFUND ESCROW - 9267 62ND ST S	5,495.00
D R HORTON	217459	09/28/2022	20220928-3	REFUND ESCROW - 6526 GENEVIEVE TRAIL S	1,000.00
D R HORTON	217459	09/28/2022	20220928-4	REFUND ESCROW - 6520 GENEVIEVE TRAILS	1,000.00
D R HORTON	217459	09/28/2022	20220928-5	REFUND ESCROW - 6522 GENEVIEVE TRAIL S	1,000.00
D R HORTON	217459	09/28/2022	20220928-6	REFUND ESCROW - 6524 GENEVIEVE TRAIL S	1,000.00
Vendor VEN32300 - D R HORTON Total:					14,990.00
Vendor: VEN30349 - DAKOTA COUNTY ABSTRACT CO					
DAKOTA COUNTY ABSTRACT C	217460	09/28/2022	53989	TITLE COMMITMENT FEE- LOW ZONE WATER TREATMEN	575.00
Vendor VEN30349 - DAKOTA COUNTY ABSTRACT CO Total:					575.00
Vendor: VEN29469 - DE LAGE LANDEN FINANCIAL SERVICES					
DE LAGE LANDEN FINANCIAL	217381	09/21/2022	77308899	GOLF CART LEASE 9/1/22- 9/30/22	7,010.25
DE LAGE LANDEN FINANCIAL	217381	09/21/2022	77312340	CLUB CAR LEASE 9/1/22- 9/30/22	391.63

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DE LAGE LANDEN FINANCIAL	217381	09/21/2022	77312340	CLUB CAR LEASE 9/1/22-9/30/22	828.35
Vendor VEN29469 - DE LAGE LANDEN FINANCIAL SERVICES Total:					8,230.23
Vendor: VEN04249 - DELTA DENTAL PLAN OF MN					
DELTA DENTAL PLAN OF MN	217461	09/28/2022	CNS0001064531	COBRA PREMIUM-OCTOBER 2022	370.14
DELTA DENTAL PLAN OF MN	217461	09/28/2022	CNS0001064531	EMPLOYEE PREMIUM-OCTOBER 2022	3,435.60
DELTA DENTAL PLAN OF MN	217461	09/28/2022	CNS0001064531	EMPLOYER PREMIUM-OCTOBER 2022	6,156.59
Vendor VEN04249 - DELTA DENTAL PLAN OF MN Total:					9,962.33
Vendor: VEN30005 - DEPARTMENT OF FINANCE					
DEPARTMENT OF FINANCE	217382	09/21/2022	20220921	CASE# CG19017164 - FORFEITURE/SEIZURE FUNDS	19.00
Vendor VEN30005 - DEPARTMENT OF FINANCE Total:					19.00
Vendor: VEN33026 - DISTINCTIVE DESIGN BUILD LLC					
DISTINCTIVE DESIGN BUILD LL	217462	09/28/2022	20220928-1	REFUND ESCROW - 7437 63RD ST S	5,495.00
DISTINCTIVE DESIGN BUILD LL	217462	09/28/2022	20220928-2	REFUND ESCROW - 6276 HARKNESS AVE S	5,495.00
DISTINCTIVE DESIGN BUILD LL	217462	09/28/2022	20220928-3	REFUND ESCROW - 7468 63RD ST S	5,495.00
Vendor VEN33026 - DISTINCTIVE DESIGN BUILD LLC Total:					16,485.00
Vendor: VEN34214 - DONNAY HOMES INC					
DONNAY HOMES INC	217463	09/28/2022	20220928-1	REFUND ESCROW - 6860 JODY AVE S	1,000.00
DONNAY HOMES INC	217463	09/28/2022	20220928-2	REFUND ESCROW - 6868 JODY AVE S	1,000.00
DONNAY HOMES INC	217463	09/28/2022	20220928-3	REFUND ESCROW - 6908 JODY AVE S	1,000.00
DONNAY HOMES INC	217463	09/28/2022	20220928-4	REFUND ESCROW - 6916 JODY AVE S	1,000.00
DONNAY HOMES INC	217463	09/28/2022	20220928-5	REFUND ESCROW - 6828 JODY AVE S	1,000.00
DONNAY HOMES INC	217463	09/28/2022	20220928-6	REFUND ESCROW - 6836 JODY AVE S	1,000.00
DONNAY HOMES INC	217463	09/28/2022	20220928-7	REFUND ESCROW - 6876 JODY AVE S	1,000.00
DONNAY HOMES INC	217463	09/28/2022	20220928-8	REFUND ESCROW - 6892 JODY AVE S	1,000.00
DONNAY HOMES INC	217463	09/28/2022	20220928-9	REFUND ESCROW - 6900 JODY AVE S	1,000.00
Vendor VEN34214 - DONNAY HOMES INC Total:					9,000.00
Vendor: VEN35638 - DRUM CORPORATION					
DRUM CORPORATION	217383	09/21/2022	INV245384	SWIVEL FITTING - 4002/34797	31.06
DRUM CORPORATION	217464	09/28/2022	INV250148	SWIVEL FITTING - STOCK ITEM	77.65
Vendor VEN35638 - DRUM CORPORATION Total:					108.71
Vendor: VEN05004 - ED'S TROPHIES INC					
ED'S TROPHIES INC	217384	09/21/2022	5026	NAME BADGES	27.50
ED'S TROPHIES INC	217384	09/21/2022	5034	NAME PLATES	14.00
ED'S TROPHIES INC	217465	09/28/2022	5075	PAR & LOCKER TAGS-FIRE	43.50
Vendor VEN05004 - ED'S TROPHIES INC Total:					85.00
Vendor: VEN05014 - EHLERS AND ASSOCIATES INC					
EHLERS AND ASSOCIATES INC	217385	09/21/2022	91692	GENERAL TIF CONSULTING SVCS THRU 8/31/22	1,237.50
EHLERS AND ASSOCIATES INC	217385	09/21/2022	91693	TIF ADMINISTRATION-GENERAL TIF SVCS THRU 8/31	68.75
EHLERS AND ASSOCIATES INC	217466	09/28/2022	91694	PROJECT LOGIC SVCS THRU 8/31/22	343.75
Vendor VEN05014 - EHLERS AND ASSOCIATES INC Total:					1,650.00

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Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
Vendor: VEN06020 - ELLIOTT AUTO SUPPLY					
ELLIOTT AUTO SUPPLY	14038	09/22/2022	1-Z30360	BATTERY -STOCK ITEM	273.65
ELLIOTT AUTO SUPPLY	14081	09/29/2022	1-7998608	OIL FILTER - STOCK ITEM	3.96
ELLIOTT AUTO SUPPLY	14081	09/29/2022	74-298106	OIL FILTERS - STOCK ITEM	10.02
Vendor VEN06020 - ELLIOTT AUTO SUPPLY Total:					287.63
Vendor: VEN34858 - ENTERPRISE HOLDINGS INC					
ENTERPRISE HOLDINGS INC	217467	09/28/2022	7000-5180-8594-2	SALES TAX MISSED ON TRUCK RENTAL - STREET DEPT	94.41
Vendor VEN34858 - ENTERPRISE HOLDINGS INC Total:					94.41
Vendor: VEN35697 - ESG ARCHITECTURE & DESIGN					
ESG ARCHITECTURE & DESIGN	217468	09/28/2022	41522	ARCHITECTURAL DESIGN GUIDELINES SVCS AUGUST 2022	3,350.00
Vendor VEN35697 - ESG ARCHITECTURE & DESIGN Total:					3,350.00
Vendor: VEN30131 - ESS BROTHERS & SONS, INC.					
ESS BROTHERS & SONS, INC.	14082	09/29/2022	CC7142	TRUNCATED DOMES-SEALCOATING	1,078.00
Vendor VEN30131 - ESS BROTHERS & SONS, INC. Total:					1,078.00
Vendor: VEN34324 - EWT HOLDINGS III CORP					
EWT HOLDINGS III CORP	14083	09/29/2022	905508630	AUGUST EQUIPMENT RENTAL WELL 10	39,200.00
EWT HOLDINGS III CORP	14083	09/29/2022	905508630	AUGUST EQUIPMENT RENTAL WELL 3	21,600.00
EWT HOLDINGS III CORP	14083	09/29/2022	905508632	AUGUST EQUIPMENT RENTAL WELL 7/8	43,200.00
Vendor VEN34324 - EWT HOLDINGS III CORP Total:					104,000.00
Vendor: VEN06001 - F JOSEPH TAYLOR, P.A.					
F JOSEPH TAYLOR, P.A.	217386	09/21/2022	20220901-1	AUGUST PROSECUTION SERVICES	13,822.50
F JOSEPH TAYLOR, P.A.	217386	09/21/2022	20220901-2	AUGUST FORFEITURE SERVICE	142.50
Vendor VEN06001 - F JOSEPH TAYLOR, P.A. Total:					13,965.00
Vendor: VEN34780 - FARRELL EQUIPMENT & SUPPLY CO INC					
FARRELL EQUIPMENT & SUPP	217469	09/28/2022	INV00000001264511	MORTAR BOARD STAND-STORMWATER	64.99
Vendor VEN34780 - FARRELL EQUIPMENT & SUPPLY CO INC Total:					64.99
Vendor: VEN06140 - FASTENAL COMPANY					
FASTENAL COMPANY	14039	09/22/2022	MNT11117655	CIRCULAR BLADE - SHOP SUPPLY	44.59
Vendor VEN06140 - FASTENAL COMPANY Total:					44.59
Vendor: VEN06092 - FERRELLGAS LP					
FERRELLGAS LP	14084	09/29/2022	2025784656	PROPANE-ICE	97.59
FERRELLGAS LP	14084	09/29/2022	1120159918	PROPANE-ICE	71.18
FERRELLGAS LP	14084	09/29/2022	2026196663	PROPANE-ICE	98.92
FERRELLGAS LP	14084	09/29/2022	1120211816	PROPANE-ICE	108.14
FERRELLGAS LP	14084	09/29/2022	1120264299	PROPANE-ICE	107.87
FERRELLGAS LP	14084	09/29/2022	1120319102	PROPANE-ICE	160.52
Vendor VEN06092 - FERRELLGAS LP Total:					644.22
Vendor: VEN34115 - FINE SHINE EXTERIORS INC					
FINE SHINE EXTERIORS INC	217470	09/28/2022	90622	WINDOW CLEANING RIVER OAKS	96.19
FINE SHINE EXTERIORS INC	217470	09/28/2022	90622	WINDOW CLEANING RIVER OAKS	96.19
Vendor VEN34115 - FINE SHINE EXTERIORS INC Total:					192.38
Vendor: VEN34368 - FIRE LOSS MANGEMENT LLC					
FIRE LOSS MANGEMENT LLC	217387	09/21/2022	22-025	FIRE ALARM PLAN REVIEW-FLINT HILLS RESOURCES	200.00
Vendor VEN34368 - FIRE LOSS MANGEMENT LLC Total:					200.00

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Vendor: VEN31978 - FIRST ADVANTAGE LNS					
FIRST ADVANTAGE LNS	14085	09/29/2022	2511802208	ANNUAL ENROLLMENTS	35.30
FIRST ADVANTAGE LNS	14085	09/29/2022	2511802208	ANNUAL ENROLLMENTS	35.30
Vendor VEN31978 - FIRST ADVANTAGE LNS Total:					70.60
Vendor: VEN31404 - FLEETPRIDE, INC					
FLEETPRIDE, INC	217388	09/21/2022	102122010	EXHAUST BRKT, STACKS - 6005/34748	427.49
FLEETPRIDE, INC	217388	09/21/2022	102180160	CLAMPS, GLASS CLNR - SHOP SUPPLY SS100	43.24
FLEETPRIDE, INC	217388	09/21/2022	102180197	MUD FLAP - STOCK ITEM	62.30
FLEETPRIDE, INC	217388	09/21/2022	102180621	NPT - STOCK ITEM	8.64
FLEETPRIDE, INC	217388	09/21/2022	102182306	ANTIFREEZE - STOCK ITEM	19.02
FLEETPRIDE, INC	217388	09/21/2022	102194446	CLAMPS - SHOP SUPPLY SS100	21.20
FLEETPRIDE, INC	217388	09/21/2022	102229966	MUD FLAP - STOCK ITEM	29.40
FLEETPRIDE, INC	217388	09/21/2022	102251640	WIPER BLADES & DEF FLUID - STOCK ITEM	311.96
FLEETPRIDE, INC	217388	09/21/2022	102277043	EXHAUST CLAMP - STOCK ITE	12.39
FLEETPRIDE, INC	217471	09/28/2022	102294253	OTR HEIGHT CONTROL VALVE - 4006/34828	92.65
FLEETPRIDE, INC	217471	09/28/2022	102399768	LED LIGHT - 4008/34839	11.24
FLEETPRIDE, INC	217471	09/28/2022	102466026	HITCH PIN - STOCK ITEM	14.40
Vendor VEN31404 - FLEETPRIDE, INC Total:					1,053.93
Vendor: VEN06072 - FRANK ZAMORA'S CONCRETE, LLC					
FRANK ZAMORA'S CONCRETE,	14086	09/29/2022	1775	CONCRETE WORK-WPTD/MEADOWGRASS/SUMMIT CRV/HIGHLAND	24,497.20
FRANK ZAMORA'S CONCRETE,	14086	09/29/2022	1776	CONCRETE WORK-95TH & HADLEY/SUMMIT CURVE	2,800.00
Vendor VEN06072 - FRANK ZAMORA'S CONCRETE, LLC Total:					27,297.20
Vendor: VEN06261 - FURY CHRYSLER JEEP					
FURY CHRYSLER JEEP	217472	09/28/2022	6517127	REAR BRK RELINE & STEERING/SUSP RPR - 831/34847	843.91
Vendor VEN06261 - FURY CHRYSLER JEEP Total:					843.91
Vendor: VEN33125 - GENE SMALLIDGE					
GENE SMALLIDGE	217473	09/28/2022	20220928	TEMP & PERM EASEMENT-S DIST STORM SEWER PROJECT	11,244.00
Vendor VEN33125 - GENE SMALLIDGE Total:					11,244.00
Vendor: VEN33375 - GENERATOR SOLUTIONS INC					
GENERATOR SOLUTIONS INC	217389	09/21/2022	61832	CELLULAR MONITORING SUBSCRIPTION 10/1/22-9/30/23	365.00
Vendor VEN33375 - GENERATOR SOLUTIONS INC Total:					365.00
Vendor: VEN14420 - GENUINE PARTS COMPANY					
GENUINE PARTS COMPANY	14087	09/29/2022	2514-003720	CREDIT INV# 2514-003560 - CORE DEPOSIT	-18.00
GENUINE PARTS COMPANY	14087	09/29/2022	2514-010306	MOTOR TUNEUP-RIVER OAKS	115.30
GENUINE PARTS COMPANY	14087	09/29/2022	2514-012176	AIR FILTER - 4006/34828	64.01
GENUINE PARTS COMPANY	14087	09/29/2022	2514-012524	LAMP CIRCUIT BOARD - 3118/34832	29.99
GENUINE PARTS COMPANY	14087	09/29/2022	2514-012876	LED LAMP - STOCK ITEM	73.58
GENUINE PARTS COMPANY	14087	09/29/2022	2514-012922	CALIPERS - 1002/34841	326.60
GENUINE PARTS COMPANY	14087	09/29/2022	2514-013324	CREDIT INV# 2514-012922 - CORES	-133.34
Vendor VEN14420 - GENUINE PARTS COMPANY Total:					458.14
Vendor: VEN07022 - GERLACH OUTDOOR POWER EQUIPMENT, INC.					
GERLACH OUTDOOR POWER	14040	09/22/2022	239506	BLADES & FASTENERS FOR WEED WHIPS-31MISC/34815	49.22
Vendor VEN07022 - GERLACH OUTDOOR POWER EQUIPMENT, INC. Total:					49.22

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Vendor: VEN35968 - GOLDEN VALLEY SUPPLY CO					
GOLDEN VALLEY SUPPLY CO	217390	09/21/2022	407057-IN	RADAR ILLUSION 8/12 2'X4' SLT-CITY HALL	178.00
Vendor VEN35968 - GOLDEN VALLEY SUPPLY CO Total:					178.00
Vendor: VEN35236 - GOLF GENIUS SOFTWARE INC					
GOLF GENIUS SOFTWARE INC	217391	09/21/2022	119687	USGA TM CLUB PREMIUM 9/1/22-2/28/23	1,550.00
Vendor VEN35236 - GOLF GENIUS SOFTWARE INC Total:					1,550.00
Vendor: VEN34259 - GONYEA HOMES					
GONYEA HOMES	217474	09/28/2022	20220928-1	REFUND ESCROW - 7251 61ST ST S	6,295.00
GONYEA HOMES	217474	09/28/2022	20220928-2	REFUND ESCROW - 7244 61ST ST S	5,495.00
GONYEA HOMES	217474	09/28/2022	20220928-3	REFUND ESCROW - 7252 61ST ST S	5,495.00
GONYEA HOMES	217474	09/28/2022	20220928-4	REFUND ESCROW - 7268 61ST ST S	5,495.00
GONYEA HOMES	217474	09/28/2022	20220928-5	REFUND ESCROW - 7269 61ST ST S	5,495.00
Vendor VEN34259 - GONYEA HOMES Total:					28,275.00
Vendor: VEN32232 - GOODYEAR COMMERCIAL TIRE & SERVICE CENTERS					
GOODYEAR COMMERCIAL TIR	217392	09/21/2022	124-1105939	WINTER TIRES - STOCK ITEM	1,707.00
GOODYEAR COMMERCIAL TIR	217475	09/28/2022	124-1105967	TIRES - STOCK ITEM	869.70
Vendor VEN32232 - GOODYEAR COMMERCIAL TIRE & SERVICE CENTERS Total:					2,576.70
Vendor: VEN15382 - GOPHER STATE ONE CALL					
GOPHER STATE ONE CALL	14088	09/29/2022	2080317	AUGUST ONE CALL TICKETS	1,196.10
Vendor VEN15382 - GOPHER STATE ONE CALL Total:					1,196.10
Vendor: VEN35635 - GORDON TANK					
GORDON TANK	217476	09/28/2022	20220928	TEMP & PERM EASEMENT-S DIST STORM SEWER PROJECT	9,243.00
Vendor VEN35635 - GORDON TANK Total:					9,243.00
Vendor: VEN33410 - GOVCONNECTION, INC					
GOVCONNECTION, INC	14041	09/22/2022	73187962	5P 120V UPS/GIGABIT NETWORK CARD-IT	2,341.37
Vendor VEN33410 - GOVCONNECTION, INC Total:					2,341.37
Vendor: VEN35858 - GPS INDUSTRIES LLC					
GPS INDUSTRIES LLC	217393	09/21/2022	CON008511	CONNECT RENTAL 9/15/22-10/14/22	4,435.31
Vendor VEN35858 - GPS INDUSTRIES LLC Total:					4,435.31
Vendor: VEN07015 - GRAINGER					
GRAINGER	14089	09/29/2022	9446883440	CLEAR EPOXY 5 GAL - RETURNED	943.56
GRAINGER	14089	09/29/2022	9446883457	OFF-WHITE FLOOR COATING ADDITIVE - HERO CENTER	54.60
GRAINGER	14089	09/29/2022	9448396755	CREDIT INV# 9446883440 - CLEAR EPOXY 5 GAL	-943.56
GRAINGER	14089	09/29/2022	9449197475	CLEAR EPOXY 5 GAL - HERO CENTER	943.56
Vendor VEN07015 - GRAINGER Total:					998.16
Vendor: VEN07023 - GRAPHIC DESIGN INC					
GRAPHIC DESIGN INC	14090	09/29/2022	QB45077	BUILDING INSPECTION APPROVAL LABELS	299.00
GRAPHIC DESIGN INC	14090	09/29/2022	QB45078	INSPECTION CORRECTION NOTICES	791.00
GRAPHIC DESIGN INC	14090	09/29/2022	QB45079	STOP WORK NOTICE	75.00
Vendor VEN07023 - GRAPHIC DESIGN INC Total:					1,165.00
Vendor: VEN33879 - GREATAMERICA FINANCIAL SERVICES CORPORATION					
GREATAMERICA FINANCIAL SE	217394	09/21/2022	32423080	MAIL MACHINE METER RENTAL - SEPTEMBER	293.95

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GREATAMERICA FINANCIAL SE	217477	09/28/2022	32464552	FOLDING MACHINE RENTAL - SEPTEMBER	343.85
Vendor VEN33879 - GREATAMERICA FINANCIAL SERVICES CORPORATION Total:					637.80
Vendor: VEN08009 - HAAVEN STUMP REMOVAL, INC.					
HAAVEN STUMP REMOVAL, I	217478	09/28/2022	10861	STUMP GRINDING & CLEAN U	2,400.00
Vendor VEN08009 - HAAVEN STUMP REMOVAL, INC. Total:					2,400.00
Vendor: VEN33608 - HARTEL & SONS INC					
HARTEL & SONS INC	217479	09/28/2022	10002926	BATTERIES-RIVER OAKS	585.01
Vendor VEN33608 - HARTEL & SONS INC Total:					585.01
Vendor: VEN31756 - HEALTHPARTNERS INSTITUTE					
HEALTHPARTNERS INSTITUTE	217480	09/28/2022	IN00012184	EMS ULTRASOUND CLASS - COTTAGE GROVE EMS 5-22	600.00
Vendor VEN31756 - HEALTHPARTNERS INSTITUTE Total:					600.00
Vendor: VEN08035 - HIRSHFIELD'S PAINT MANUFACTURING					
HIRSHFIELD'S PAINT MANUFA	217481	09/28/2022	17048-IN	ATHLETIC FIELD STRIPING SUPER	2,228.19
Vendor VEN08035 - HIRSHFIELD'S PAINT MANUFACTURING Total:					2,228.19
Vendor: VEN32661 - HOHENSTEINS, INC					
HOHENSTEINS, INC	217395	09/21/2022	536443	BEER FOR CLUBHOUSE	637.60
HOHENSTEINS, INC	217482	09/28/2022	539025	BEER FOR CLUBHOUSE	351.80
Vendor VEN32661 - HOHENSTEINS, INC Total:					989.40
Vendor: VEN35474 - HOLIDAY STATIONSTORES LLC					
HOLIDAY STATIONSTORES LLC	217396	09/21/2022	78001092200	5 WORKS WASHES FOR BUILDING DIVISION AUGUST SVC	25.00
Vendor VEN35474 - HOLIDAY STATIONSTORES LLC Total:					25.00
Vendor: VEN35985 - HORIZON ELECTRIC SERVICES LLC					
HORIZON ELECTRIC SERVICES	217483	09/28/2022	20220928	REFUND PERMIT# 2022-019898 - 6230 63RD ST S	181.00
Vendor VEN35985 - HORIZON ELECTRIC SERVICES LLC Total:					181.00
Vendor: VEN09001 - ICMA RETIREMENT TRUST-457,ROTH					
ICMA RETIREMENT TRUST-45	14042	09/22/2022	INV025067	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	2,665.76
ICMA RETIREMENT TRUST-45	14042	09/22/2022	INV025068	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	9,518.23
ICMA RETIREMENT TRUST-45	14042	09/22/2022	INV025069	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	1,213.55
Vendor VEN09001 - ICMA RETIREMENT TRUST-457,ROTH Total:					13,397.54
Vendor: VEN35982 - INNOVATIVE CHEMICAL CORPORATION					
INNOVATIVE CHEMICAL CORP	217484	09/28/2022	20220928	RELEASE SITE PLAN REVIEW ESCROW	3,646.50
Vendor VEN35982 - INNOVATIVE CHEMICAL CORPORATION Total:					3,646.50
Vendor: VEN35980 - INNOVATIVE CONSTRUCTION SOLUTIONS LLC					
INNOVATIVE CONSTRUCTION	217485	09/28/2022	20220928	RELEASE LANDSCAPE ESCROW -7210 E PT DOUGLAS RD	30,000.00
Vendor VEN35980 - INNOVATIVE CONSTRUCTION SOLUTIONS LLC Total:					30,000.00
Vendor: VEN09240 - INTERSTATE POWER SYSTEMS, INC.					
INTERSTATE POWER SYSTEMS,	217486	09/28/2022	R001188693-01	ANNUAL B GENERATOR INSPECTION - CENTRAL FIRE	2,004.50
Vendor VEN09240 - INTERSTATE POWER SYSTEMS, INC. Total:					2,004.50
Vendor: VEN09024 - INVER GROVE FORD					
INVER GROVE FORD	14091	09/29/2022	5320293	DAMPER ASSEMBLY - 832/34831	44.16
INVER GROVE FORD	14091	09/29/2022	5320484	ROTORS - STOCK ITEM	561.68
Vendor VEN09024 - INVER GROVE FORD Total:					605.84
Vendor: VEN09103 - IUOE CENTRAL PENSION FUND					
IUOE CENTRAL PENSION FUN	14043	09/22/2022	INV025057	9/8/22 BIWEEKLY PAYROLL 8/15/22-8/28/22	7,296.00

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Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
IUOE CENTRAL PENSION FUN	14043	09/22/2022	INV025070	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	7,296.00
Vendor VEN09103 - IUOE CENTRAL PENSION FUND Total:					14,592.00
Vendor: VEN34526 - JAIME MANN					
JAIME MANN	217487	09/28/2022	20220928	SEPTEMBER MILEAGE REIMBURSEMENT-ICMA CONFERENCE	18.75
JAIME MANN	217487	09/28/2022	20220928	SEPTEMBER MILEAGE REIMBURSEMENT-ICMA CONFERENCE	14.38
JAIME MANN	217487	09/28/2022	20220928	SEPTEMBER MILEAGE REIMBURSEMENT-EDA RIVER CRUISE	8.75
Vendor VEN34526 - JAIME MANN Total:					41.88
Vendor: VEN10068 - JOHNSON BROTHERS LIQUOR CO.					
JOHNSON BROTHERS LIQUOR	217397	09/21/2022	2125673	ALCOHOL FOR CLUBHOUSE	1,054.37
JOHNSON BROTHERS LIQUOR	217488	09/28/2022	2133037	ALCOHOL FOR CLUBHOUSE	703.66
Vendor VEN10068 - JOHNSON BROTHERS LIQUOR CO. Total:					1,758.03
Vendor: VEN31197 - JT SERVICES OF MINNESOTA					
JT SERVICES OF MINNESOTA	14044	09/22/2022	JT22-235-01	STREETLIGHTS - SETTLERS BLUFF 2ND	6,825.00
JT SERVICES OF MINNESOTA	14044	09/22/2022	JT22-235-02	STREETLIGHTS - HINTON WOODS 2ND	1,950.00
JT SERVICES OF MINNESOTA	14044	09/22/2022	JT22-241-07	8 SIDED TAPERED STAINLESS BENT STRAW LIGHT POLE	4,130.00
Vendor VEN31197 - JT SERVICES OF MINNESOTA Total:					12,905.00
Vendor: VEN31290 - JUDITH A GRAF					
JUDITH A GRAF	14045	09/22/2022	20220831-1	AUGUST COUNCIL MEETING MINUTES	485.90
JUDITH A GRAF	14045	09/22/2022	20220831-2	AUGUST CGCVB MEETING MINUTES	54.09
JUDITH A GRAF	14045	09/22/2022	20220831-3	AUGUST EDA MEETING MINUTES	39.46
JUDITH A GRAF	14045	09/22/2022	20220831-4	AUGUST PLANNING COMMISSION MEETING MINUTES	137.57
Vendor VEN31290 - JUDITH A GRAF Total:					717.02
Vendor: VEN11023 - KELLER ELECTRIC, INC.					
KELLER ELECTRIC, INC.	217398	09/21/2022	22-123	OAKWOOD SHELTER - ELECTRICAL	2,750.00
KELLER ELECTRIC, INC.	217398	09/21/2022	22-124	OAKWOOD SHELTER - ELECTRICAL	4,375.00
Vendor VEN11023 - KELLER ELECTRIC, INC. Total:					7,125.00
Vendor: VEN35913 - KELLER FENCE INC					
KELLER FENCE INC	217399	09/21/2022	21156	HEARTHSIDE SPORTS COURT FENCE	21,215.00
Vendor VEN35913 - KELLER FENCE INC Total:					21,215.00
Vendor: VEN11002 - KENNEDY AND GRAVEN					
KENNEDY AND GRAVEN	217400	09/21/2022	169266	TIF DISTRICT 1-20 NORTHPOINTE INDUSTRIAL	87.50
Vendor VEN11002 - KENNEDY AND GRAVEN Total:					87.50
Vendor: VEN35714 - KLETSCHKA INSPECTIONS LLC					
KLETSCHKA INSPECTIONS LLC	14046	09/22/2022	20220901-1	AUGUST ELECTRICAL INSPECTIONS-COTTAGE GROV	11,021.40
KLETSCHKA INSPECTIONS LLC	14046	09/22/2022	20220901-2	AUGUST ELECTRICAL INSPECTIONS-DENMARK	113.10
Vendor VEN35714 - KLETSCHKA INSPECTIONS LLC Total:					11,134.50
Vendor: VEN31717 - KRAFT CONTRACTING & MECHANICAL LLC					
KRAFT CONTRACTING & MEC	14092	09/29/2022	27063	PREVENTATIVE MAINTENANCE - ICE ARENA	1,850.00

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KRAFT CONTRACTING & MEC	14092	09/29/2022	27064	PREVENTATIVE MAINTENANCE - RIVER OAKS	1,125.00
KRAFT CONTRACTING & MEC	14092	09/29/2022	27065	PREVENTATIVE MAINTENANCE - RIVER OAKS	473.50
KRAFT CONTRACTING & MEC	14092	09/29/2022	27066	PREVENTATIVE MAINTENANCE - PUBLIC WOR	1,650.00
KRAFT CONTRACTING & MEC	14092	09/29/2022	27067	PREVENTATIVE MAINTENANCE - PARKS	982.00
KRAFT CONTRACTING & MEC	14092	09/29/2022	27068	PREVENTATIVE MAINTENANCE - FIRE #3	450.00
KRAFT CONTRACTING & MEC	14092	09/29/2022	27071	PREVENTATIVE MAINTENANCE - FIRE #4	450.00
Vendor VEN31717 - KRAFT CONTRACTING & MECHANICAL LLC Total:					6,980.50
Vendor: VEN35975 - KRECH EXTERIORS INC					
KRECH EXTERIORS INC	217401	09/21/2022	20220921	REFUND PERMIT# 2021-011871 - 8492 JODY LN S	200.00
Vendor VEN35975 - KRECH EXTERIORS INC Total:					200.00
Vendor: VEN35654 - LARKIN HOFFMAN DALY & LINDGREN LTD					
LARKIN HOFFMAN DALY & LIN	14047	09/22/2022	809250	AGG INDUSTRIES MINE EXPANSION-ENVIRONMENTAL REVIEW	3,955.00
Vendor VEN35654 - LARKIN HOFFMAN DALY & LINDGREN LTD Total:					3,955.00
Vendor: VEN12341 - LAWSON PRODUCTS, INC					
LAWSON PRODUCTS, INC	217489	09/28/2022	9600127566	CREDIT INV# 9309847508 - FITTINGS	54.96
LAWSON PRODUCTS, INC	217489	09/28/2022	9309935953	HYDR FITTINGS,CABLE TIES,HARDWARE - STOCK & SS100	260.33
Vendor VEN12341 - LAWSON PRODUCTS, INC Total:					315.29
Vendor: VEN12370 - LEAGUE OF MINNESOTA CITIES INS TRUST					
LEAGUE OF MINNESOTA CITIE	217402	09/21/2022	20220906-1	3RD INSTALLMENT 2022 PROPERTY/CASUALTY	79,598.00
LEAGUE OF MINNESOTA CITIE	217402	09/21/2022	20220906-2	3RD INSTALLMENT 2022 WORKERS COMP	218,024.00
Vendor VEN12370 - LEAGUE OF MINNESOTA CITIES INS TRUST Total:					297,622.00
Vendor: VEN12346 - LEGEND TECHNICAL SERVICES, INC.					
LEGEND TECHNICAL SERVICES	217403	09/21/2022	2101815	6010D RCRA TOTAL/9056A CHLORIDE/SOLIDS-STORMWATER	276.00
LEGEND TECHNICAL SERVICES	217403	09/21/2022	2202133	6010D RCRA TOTAL/9056A CHLORIDE/SOLIDS-STORMWATER	276.00
Vendor VEN12346 - LEGEND TECHNICAL SERVICES, INC. Total:					552.00
Vendor: VEN31896 - LEVANDER, GILLEN & MILLER, P.A.					
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	MISC FIRE AUG LEGAL SVCS	672.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	RENTAL LICENSING AUG LEGAL SVCS	1,728.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	MAYOR & COUNCIL AUG LEGAL SVCS	2,765.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	MISC PERSONNEL AUG LEGAL SVCS	912.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	MISC POLICE AUG LEGAL SVCS	360.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	MISC PUBLIC WORKS AUG LEGAL SVCS	368.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	CODE ENFORCEMENT AUG LEGAL SVCS	448.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	ELECTION MATTERS AUG LEGAL SVCS	80.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	MISC COMMUNITY DEVELOPMENT AUG LEGAL SVCS	744.00

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LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	CANNABIS ORDINANCE AUG LEGAL SVCS	160.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	RECODIFICATION OF CITY&ZONING CODE AUG LEGAL SVCS	5,552.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	COMPOST SITE AUG LEGAL SVCS	108.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	ICE ARENA AUG LEGAL SVCS	668.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	GOLF COURSE AUG LEGAL SV	64.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	RENEWAL 2021 AUG LEGAL SVCS	24.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	HANG LLC AUG LEGAL SVCS	12.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	MISC EDA AUG LEGAL SVCS	32.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	ENDEAVOR AUG LEGAL SVCS	72.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	RYAN COMPANIES DEVELOPMENT AUG LEGAL SVCS	1,016.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	SYNDICA LLP AUG LEGAL SVCS	3,232.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	WATERMAIN EXTENSION- GOODVIEW AVE AUG LEGAL SVCS	1,361.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	LOW ZONE WATER TOWER AUG LEGAL SVCS	1,968.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	DISH AT INWOOD/HIGHLANDS AUG LE	232.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	EAST PT DOUGLAS/JAMAICA AVE PROJECT AUG LEGAL SVC	664.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	PARKVIEW POINTE AUG LEGAL SVCS	220.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	MISC PARKS & REC AUG LEGAL SVCS	496.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	EXTEN TRUNK SANITARY SEWER S 100TH AUG LEGAL SVCS	924.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	AMBULANCE FEES AUG LEGAL SVCS	1,128.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	NORTHPOINT DEVELOPMENT AUG LEGAL SVCS	954.00
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	NORTHPOINT DEVELOPMENT 2ND ADD AUG LEGAL SVCS	546.50
LEVANDER, GILLEN & MILLER,	14093	09/29/2022	20220831	FURBER FARMS/7404 LAMAR AVE AUG LEGAL SVCS	1,136.00
Vendor VEN31896 - LEVANDER, GILLEN & MILLER, P.A. Total:					28,646.50
Vendor: VEN12340 - LPD ELECTRIC					
LPD ELECTRIC	217490	09/28/2022	2170	STEEL SCREW IN LIGHT BASE- HINTON AVE PED SIGNAL	1,000.00
LPD ELECTRIC	217490	09/28/2022	2177	RAVINE PKWY TREE LIGHTING -PLANS & COORD THRU 8/31	437.50
Vendor VEN12340 - LPD ELECTRIC Total:					1,437.50
Vendor: VEN35668 - LRS PORTABLES LLC					
LRS PORTABLES LLC	217404	09/21/2022	MP208278	TOILET RENTAL - PINE TREE POND PARK	60.00
Vendor VEN35668 - LRS PORTABLES LLC Total:					60.00
Vendor: VEN35101 - M/I HOMES					
M/I HOMES	217405	09/21/2022	20220921	REFUND ESCROW - 9750 65TH ST S	1,000.00
M/I HOMES	217491	09/28/2022	20220928-1	REFUND ESCROW - 9645 65TH ST S	1,000.00
M/I HOMES	217491	09/28/2022	20220928-2	REFUND ESCROW - 6629 JODY AVE S	1,000.00

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Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
M/I HOMES	217491	09/28/2022	20220928-3	REFUND ESCROW - 6637 JODY AVE S	1,000.00
Vendor VEN35101 - M/I HOMES Total:					4,000.00
Vendor: VEN13494 - MARCO HOLDINGS, LLC					
MARCO HOLDINGS, LLC	14096	09/29/2022	45762	WEB FAX SERVICES 9/16/22-10/15/22	49.74
Vendor VEN13494 - MARCO HOLDINGS, LLC Total:					49.74
Vendor: VEN13668 - MARTIN-MCALLISTER					
MARTIN-MCALLISTER	14097	09/29/2022	14793	BRIEF PERSONNEL EVALUATIO	375.00
MARTIN-MCALLISTER	14097	09/29/2022	14793	PUBLIC SAFETY ASSESSMENT	600.00
Vendor VEN13668 - MARTIN-MCALLISTER Total:					975.00
Vendor: VEN35973 - MARY GOODMAN					
MARY GOODMAN	217406	09/21/2022	20220921	REFUND EMS OVERPAYMENT - CGA883 6/26/2020	949.90
Vendor VEN35973 - MARY GOODMAN Total:					949.90
Vendor: VEN35981 - MCDUVIE LLC					
MCDUVIE LLC	217492	09/28/2022	20220928	RELEASE LANDSCAPE ESCROW -7355 E PT DOUGLAS RD	41,684.50
Vendor VEN35981 - MCDUVIE LLC Total:					41,684.50
Vendor: VEN34894 - MCMASTER-CARR SUPPLY COMPANY					
MCMASTER-CARR SUPPLY CO	217493	09/28/2022	85027061	STAINLESS STEEL LANYARD - 26MISC/34610	15.29
Vendor VEN34894 - MCMASTER-CARR SUPPLY COMPANY Total:					15.29
Vendor: VEN32529 - MCNAMARA CONTRACTING, INC					
MCNAMARA CONTRACTING, I	217517	09/28/2022	20220906	PYMT 2-LOW ZONE RAW WATER MAIN 8/10/22-9/6/22	960,781.50
Vendor VEN32529 - MCNAMARA CONTRACTING, INC Total:					960,781.50
Vendor: VEN13662 - MEDICA					
MEDICA	217494	09/28/2022	569730719860	COBRA PREMIUM-OCTOBER 2022	2,886.47
MEDICA	217494	09/28/2022	569730719860	MN STAT 299A.465 PREMIUM -OCTOBER 2022	3,731.53
MEDICA	217494	09/28/2022	569730719860	EMPLOYEE PREMIUM-OCTOBER 2022	20,415.52
MEDICA	217494	09/28/2022	569730719860	EMPLOYER PREMIUM-OCTOBER 2022	97,526.35
Vendor VEN13662 - MEDICA Total:					124,559.87
Vendor: VEN13410 - MENARDS					
MENARDS	14098	09/29/2022	58752	WASP & HORNET SPRAY-PARK	11.88
MENARDS	14098	09/29/2022	59019	2 GAL ZIPLOC FREEZER BAGS-WATER	5.79
MENARDS	14098	09/29/2022	59095	2 GAL ZIPLOC FREEZER BAGS-WATER	5.79
MENARDS	14098	09/29/2022	59354	BRAKE PARTS CLEANER/TERRY TOWEL-UTILITIES	61.86
MENARDS	14098	09/29/2022	59438	SELF LIGHTING PROPANE TORCH-UTILITIES	29.99
MENARDS	14098	09/29/2022	59470	5" METAL CUTOFF WHEEL-UTILITIES	34.90
MENARDS	14048	09/22/2022	59482	CLEANING SUPPLIES-HERO CENTER	41.56
MENARDS	14098	09/29/2022	59770-2022	AA & 9V BATTERIES-WATER	52.71
MENARDS	14048	09/22/2022	59771-2022	BACKWIRE OUTLET/WIRE/CABLE TIES-WATER	48.87
MENARDS	14048	09/22/2022	59782	TURNER/SPATULA/TOWELS/S QUEEGEE/WASH KIT/KNIFE-HERO	64.65
MENARDS	14048	09/22/2022	59797	COUPLING-RIVER OAKS	10.98
MENARDS	14048	09/22/2022	59809	WELL 8 - PIPE FITTINGS	210.57

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MENARDS	14048	09/22/2022	59837	CONSTRUCTION SCREWS/2X4 LUMBER-PARKS	110.93
MENARDS	14098	09/29/2022	59839	HEX NUT/PRESS UNION-WATE	40.72
MENARDS	14048	09/22/2022	59843	MOLE TRAPS-PARKS	30.98
MENARDS	14048	09/22/2022	59847	DRYWALL KNIFE/BOUNDARY & BUILDING WIRE-STREETS	85.93
MENARDS	14048	09/22/2022	59848	LED STRING LIGHTS-RIVER OAKS	314.23
MENARDS	14048	09/22/2022	59861	TARP FOR SLIP'N SLIDE-REC	56.99
MENARDS	14098	09/29/2022	59878	BRAKE CLEANER/CHEMICAL GLOVES-UTILITIES	95.84
MENARDS	14048	09/22/2022	59891-2022	FLASHLIGHT/LEVEL/BATTERIE S/ELECTRICAL FITTINGS	230.05
MENARDS	14048	09/22/2022	59899	KICKDOWN DOOR STOPS-CITY HALL	23.98
MENARDS	14048	09/22/2022	59932	COUPLING-PARKS	0.78
MENARDS	14048	09/22/2022	60061	BUSHING-PARKS	4.59
MENARDS	14048	09/22/2022	60067	WASP & HORNET KILLER-PARK	20.16
MENARDS	14048	09/22/2022	60088	SHOWERHEAD/CLR CLEANER-CENTRAL FIRE	33.88
MENARDS	14098	09/29/2022	60146	ARCHWAY REAPER BLOWUP-ICE ARENA HALLOWEEN DECOR	149.99
MENARDS	14098	09/29/2022	60221-2022	DUCTTAPE/PAINT CONDITIONER-SIGN SHOP	82.36
MENARDS	14098	09/29/2022	60222	CLR/MOLD & MILDEW REMOVER-PARKS	24.96
MENARDS	14098	09/29/2022	60243	PINESOL/MOP HEAD-PARKS	70.24
MENARDS	14098	09/29/2022	60251-2022	GOPHER TRAP & PELLETS-PARKS	12.55
MENARDS	14098	09/29/2022	60288	AIR FRESHNER/GLASS CLEANER/TIRE FOAM-PARKS	29.68
MENARDS	14098	09/29/2022	60460-2022	TAPE MEASURE/SAW BLADE/REBAR/TIE TWISTER-PARKS	218.02
MENARDS	14098	09/29/2022	60479	DRILL BITS/TAPCON SCREWS-PARKS	36.82
Vendor VEN13410 - MENARDS Total:					2,253.23
Vendor: VEN13461 - METRO SALES INCORPORATED					
METRO SALES INCORPORATE	14050	09/22/2022	INV2110972	PSCH RICOH COPIER USAGE 7/4/22-8/3/22	1,222.08
METRO SALES INCORPORATE	14050	09/22/2022	INV2110972	PD RICOH COPIER USAGE 7/4/22-8/3/22	646.64
METRO SALES INCORPORATE	14050	09/22/2022	INV2110972	FIRE RICOH COPIER USAGE 7/4/22-8/3/22	226.86
METRO SALES INCORPORATE	14050	09/22/2022	INV2110972	PW RICOH COPIER USAGE 7/4/22-8/3/22	830.48
METRO SALES INCORPORATE	14050	09/22/2022	INV2110972	REC RICOH COPIER USAGE 7/4/22-8/3/22	106.35
METRO SALES INCORPORATE	14050	09/22/2022	INV2110972	ICE RICOH COPIER USAGE 7/4/22-8/3/22	106.37
METRO SALES INCORPORATE	14050	09/22/2022	INV2110972	GOLF RICOH COPIER USAGE 7/4/22-8/3/22	190.96
METRO SALES INCORPORATE	14050	09/22/2022	INV2110972	HERO CENTER RICOH COPIER USAGE 7/4/22-8/3/22	333.99
Vendor VEN13461 - METRO SALES INCORPORATED Total:					3,663.73
Vendor: VEN13689 - METRO-CLEANING SERVICES, INC.					
METRO-CLEANING SERVICES, I	217407	09/21/2022	17806	CLEAN BACK/FRONT GREASE EXHAUST SYSTEMS-RIVER OAKS	1,325.25
Vendor VEN13689 - METRO-CLEANING SERVICES, INC. Total:					1,325.25
Vendor: VEN13411 - METROPOLITAN COUNCIL					
METROPOLITAN COUNCIL	14100	09/29/2022	202208	AUGUST SAC CHARGES	357,840.00

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METROPOLITAN COUNCIL	14100	09/29/2022	202208	AUGUST SAC CHARGES	2,460.15
				ADJUSTMENT-PERMIT# 2022-018169	
METROPOLITAN COUNCIL	14100	09/29/2022	202208	AUGUST SAC CHARGES	-3,578.40
				DISCOUNT	
Vendor VEN13411 - METROPOLITAN COUNCIL Total:					356,721.75
Vendor: VEN13412 - METROPOLITAN COUNCIL					
METROPOLITAN COUNCIL	14101	09/29/2022	1145114	OCTOBER WASTE WATER SERVICES	200,287.56
Vendor VEN13412 - METROPOLITAN COUNCIL Total:					200,287.56
Vendor: VEN13429 - MEYER SEWER SERVICE					
MEYER SEWER SERVICE	217408	09/21/2022	73914	PUMPED MAINT BLDG SEPTIC TANK	225.00
Vendor VEN13429 - MEYER SEWER SERVICE Total:					225.00
Vendor: VEN34542 - MICHAEL JAMES DOWNIE					
MICHAEL JAMES DOWNIE	217409	09/21/2022	20220323	MINOR OFFICIALS 2021-2022 SEASON GAMES	250.00
Vendor VEN34542 - MICHAEL JAMES DOWNIE Total:					250.00
Vendor: VEN33002 - MICHAEL LEE INC					
MICHAEL LEE INC	217495	09/28/2022	20220928-1	REFUND ESCROW - 9477 63RD ST S	5,495.00
MICHAEL LEE INC	217495	09/28/2022	20220928-2	REFUND ESCROW - 9480 63RD ST S	5,495.00
Vendor VEN33002 - MICHAEL LEE INC Total:					10,990.00
Vendor: VEN35927 - MIDWEST MOTOR SUPPLY CO INC					
MIDWEST MOTOR SUPPLY CO	217410	09/21/2022	100263286	ASSORTED HARDWARE-RIVER OAKS	144.66
Vendor VEN35927 - MIDWEST MOTOR SUPPLY CO INC Total:					144.66
Vendor: VEN33566 - MIKE OHRT					
MIKE OHRT	217496	09/28/2022	20220928	UNIFORM REIMBURSEMENT-PANTS	109.90
Vendor VEN33566 - MIKE OHRT Total:					109.90
Vendor: VEN34389 - MILLER EXCAVATING INC					
MILLER EXCAVATING INC	14025	09/22/2022	20220726	PYMT 1-GOODVIEW AVE WATERMAIN EXTEN THRU 7/26/22	109,890.13
MILLER EXCAVATING INC	14025	09/22/2022	20220825	PYMT 2-GOODVIEW AVE WATERMAIN EXTEN THRU 8/25/22	697,199.62
Vendor VEN34389 - MILLER EXCAVATING INC Total:					807,089.75
Vendor: VEN35690 - MINNESOTA AG POWER INC					
MINNESOTA AG POWER INC	14102	09/29/2022	9276086	SAW CHAIN-PARKS	77.97
MINNESOTA AG POWER INC	14051	09/22/2022	9297777	SWITCH-RIVER OAKS	212.15
MINNESOTA AG POWER INC	14102	09/29/2022	9308584	BALL BEARING-RIVER OAKS	18.80
MINNESOTA AG POWER INC	14102	09/29/2022	9308590	NEBO HEADLIGHT-RIVER OAK	33.12
MINNESOTA AG POWER INC	14102	09/29/2022	9321848	SEAL & FILTER - 8407/34822	145.43
Vendor VEN35690 - MINNESOTA AG POWER INC Total:					487.47
Vendor: VEN30384 - MINNESOTA GLOVE INC					
MINNESOTA GLOVE INC	14052	09/22/2022	336070	UNIFORM - BURTON	164.94
MINNESOTA GLOVE INC	14052	09/22/2022	336703	UNIFORM - J.RHODE	264.96
MINNESOTA GLOVE INC	14103	09/29/2022	336715	UNIFORM - OMTVEDT	98.98
Vendor VEN30384 - MINNESOTA GLOVE INC Total:					528.88
Vendor: VEN14005 - MINNESOTA NATIVE LANDSCAPES					
MINNESOTA NATIVE LANDSCA	14053	09/22/2022	35550	MOW VISIT-HAMLET PARK NEW SEEDING	975.00
MINNESOTA NATIVE LANDSCA	14104	09/29/2022	35572	8/10/22 WEED CONTROL SERVICE	315.00
MINNESOTA NATIVE LANDSCA	14104	09/29/2022	35572	8/10/22 WEED CONTROL SERVICE	585.00

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MINNESOTA NATIVE LANDSCA	14104	09/29/2022	35572	8/10/22 WEED CONTROL SERVICE	135.00
MINNESOTA NATIVE LANDSCA	14104	09/29/2022	35572	8/10/22 WEED CONTROL SERVICE	180.00
Vendor VEN14005 - MINNESOTA NATIVE LANDSCAPES Total:					2,190.00
Vendor: VEN13440 - MIRACLE RECREATION EQUIPMENT COMPANY					
MIRACLE RECREATION EQUIP	217497	09/28/2022	846591	PLAYGROUND REPAIR PARTS	815.73
Vendor VEN13440 - MIRACLE RECREATION EQUIPMENT COMPANY Total:					815.73
Vendor: VEN13473 - MN CHILD SUPPORT CENTER					
MN CHILD SUPPORT CENTER	217411	09/21/2022	INV025073	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	54.44
Vendor VEN13473 - MN CHILD SUPPORT CENTER Total:					54.44
Vendor: VEN13670 - MN DEPT OF LABOR & INDUSTRY					
MN DEPT OF LABOR & INDUS	14105	09/29/2022	202208-CG	AUG BLDG PERMIT SURCHARGE RETENTION-COTTAGE GROVE	-269.86
MN DEPT OF LABOR & INDUS	14105	09/29/2022	202208-CG	AUG BLDG PERMIT SURCHARGE-COTTAGE GROVE	13,493.06
Vendor VEN13670 - MN DEPT OF LABOR & INDUSTRY Total:					13,223.20
Vendor: VEN13551 - MN DEPT OF PUBLIC SAFETY					
MN DEPT OF PUBLIC SAFETY	217412	09/21/2022	20220921	CRIMINAL FORFEITURE TITLE TRANSFER-CG21018371	25.00
Vendor VEN13551 - MN DEPT OF PUBLIC SAFETY Total:					25.00
Vendor: VEN29281 - MN PETROLEUM SERVICE					
MN PETROLEUM SERVICE	217498	09/28/2022	114739	FILTERS FOR FUEL PUMPS	277.40
MN PETROLEUM SERVICE	217498	09/28/2022	114164	PUMP BOTH FUEL INTERSTITIALS	402.25
Vendor VEN29281 - MN PETROLEUM SERVICE Total:					679.65
Vendor: VEN33184 - MOR GOLF AND UTILITY, INC					
MOR GOLF AND UTILITY, INC	14106	09/29/2022	35176	SPINDLE BUSHINGS/CANOPY/STRUT/BOLT-RIVER OAKS	426.93
Vendor VEN33184 - MOR GOLF AND UTILITY, INC Total:					426.93
Vendor: VEN13463 - MTI DISTRIBUTING CO.					
MTI DISTRIBUTING CO.	14107	09/29/2022	1358072-00	FIELD DECODER/WATERPROOF CANI	1,604.36
MTI DISTRIBUTING CO.	14054	09/22/2022	1358264-00	PAPER REEL/SWITCH BALL-RIVER OAKS	151.17
MTI DISTRIBUTING CO.	14054	09/22/2022	1361272-00	SPIDER/HUB/BEARING/LINK ASM-RIVER OAKS	743.63
MTI DISTRIBUTING CO.	14107	09/29/2022	1362333-00	COUPLINGS & BUSHINGS-RIVER OAKS	661.40
MTI DISTRIBUTING CO.	14107	09/29/2022	1362333-01	COUPLINGS & BUSHINGS-RIVER OAKS	39.39
Vendor VEN13463 - MTI DISTRIBUTING CO. Total:					3,199.95
Vendor: VEN20018 - MYRON TANK					
MYRON TANK	217499	09/28/2022	20220928	TEMP & PERM EASEMENT-S DIST STORM SEWER PROJECT	9,243.00
Vendor VEN20018 - MYRON TANK Total:					9,243.00
Vendor: VEN14443 - NCPERS MINNESOTA - 403800					
NCPERS MINNESOTA - 403800	14108	09/29/2022	403800102022	OCTOBER 2022 LIFE INSURANCE PREMIUM	336.00
Vendor VEN14443 - NCPERS MINNESOTA - 403800 Total:					336.00
Vendor: VEN14453 - NIKE USA, INC.					
NIKE USA, INC.	217413	09/21/2022	9660373594	PROSHOP MERCHANDISE	129.15
Vendor VEN14453 - NIKE USA, INC. Total:					129.15

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Vendor: VEN35976 - NOAH J UECKER					
NOAH J UECKER	217414	09/21/2022	20220609	K9 KENNEL CONCRETE PAD	2,850.00
Vendor VEN35976 - NOAH J UECKER Total:					2,850.00
Vendor: VEN35974 - NORA PEREZ					
NORA PEREZ	217415	09/21/2022	20220921	REFUND PERMIT# 2022-017978 - 11000 MANNING AVE S	130.00
Vendor VEN35974 - NORA PEREZ Total:					130.00
Vendor: VEN34255 - NORTHERN LINES CONTRACTING, INC					
NORTHERN LINES CONTRACTI	217518	09/28/2022	20220914	PYMT 1-SOUTH DISTRICT STREET & UTILITY IMPROVEMENT	515,620.10
Vendor VEN34255 - NORTHERN LINES CONTRACTING, INC Total:					515,620.10
Vendor: VEN35787 - ON-TARGET SOLUTIONS GROUP INC					
ON-TARGET SOLUTIONS GRO	217416	09/21/2022	3224	MNGT & SUPERVISION OF INVESTIGATIVE UNITS SEMINAR	590.00
Vendor VEN35787 - ON-TARGET SOLUTIONS GROUP INC Total:					590.00
Vendor: VEN35425 - OPENTABLE INC					
OPENTABLE INC	217417	09/21/2022	INV-FS859437-082022	AUGUST GUEST SEATING/RESERVATION SVCS	276.00
Vendor VEN35425 - OPENTABLE INC Total:					276.00
Vendor: VEN30439 - O'REILLY AUTO PARTS					
O'REILLY AUTO PARTS	217418	09/21/2022	3266-447653	BRAKE HOSE - 1752/34722	29.74
O'REILLY AUTO PARTS	217418	09/21/2022	3266-448509	CREDIT INV# 3266-447653 - BRAKE HOSE	-29.74
O'REILLY AUTO PARTS	217418	09/21/2022	3266-449710	MUFFLER - 1660/34794 & 1662/34806	102.15
O'REILLY AUTO PARTS	217418	09/21/2022	3266-450992	CAB FLTR, OIL FLTR - STOCK ITEM	20.76
O'REILLY AUTO PARTS	217418	09/21/2022	3266-451459	AIR FLTR - 2159/34807	23.03
O'REILLY AUTO PARTS	217418	09/21/2022	3266-451677	TOGGLE SWITCH, OIL FLTR - STOCK ITEM	24.99
O'REILLY AUTO PARTS	217500	09/28/2022	3266-451911	GEAR LUBE - 4006/34828	200.94
O'REILLY AUTO PARTS	217500	09/28/2022	3266-451974	CAB & AIR FILTER - 1504/3483	43.86
O'REILLY AUTO PARTS	217500	09/28/2022	3266-452416	CAB FILTER - STOCK ITEM	42.10
O'REILLY AUTO PARTS	217500	09/28/2022	3266-452434	BRAKE FLUID - SHOP SUPPLY SS100	20.20
O'REILLY AUTO PARTS	217500	09/28/2022	3266-452472	OIL FILTER, MOBIL OIL - STOCK ITEM	142.38
Vendor VEN30439 - O'REILLY AUTO PARTS Total:					620.41
Vendor: VEN32465 - P & W GOLF SUPPLY, LLC					
P & W GOLF SUPPLY, LLC	14109	09/29/2022	INV100333	PLASTIC PAILS-PROSHOP	377.92
Vendor VEN32465 - P & W GOLF SUPPLY, LLC Total:					377.92
Vendor: VEN16140 - PARK GROVE ELECTRIC INC					
PARK GROVE ELECTRIC INC	217501	09/28/2022	53506	WIRE SCOREBOARD AT HAMLET PARK	2,594.50
Vendor VEN16140 - PARK GROVE ELECTRIC INC Total:					2,594.50
Vendor: VEN33593 - PARMAN ENERGY GROUP					
PARMAN ENERGY GROUP	14055	09/22/2022	75028-IN	5W30 OIL - STOCK ITEM	582.65
Vendor VEN33593 - PARMAN ENERGY GROUP Total:					582.65
Vendor: VEN35773 - PERFORMANCE FOOD GROUP INC					
PERFORMANCE FOOD GROUP	217419	09/21/2022	828292	CREDIT INV# 822803 - BUTTE	-94.19
PERFORMANCE FOOD GROUP	217419	09/21/2022	255634	CREDIT INV# 237419 - BBQ POTATO CHIPS	-37.57
PERFORMANCE FOOD GROUP	217419	09/21/2022	255639	CREDIT INV# 237419 - PAPER FOOD TRAY	-36.59
PERFORMANCE FOOD GROUP	217419	09/21/2022	255643	CREDIT INV# 237419 - PLAIN GREEK YOGURT	-28.19

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PERFORMANCE FOOD GROUP	217419	09/21/2022	257949	FLOAT SWITCH FOR CLUBHOUSE	184.15
PERFORMANCE FOOD GROUP	217419	09/21/2022	264262	FOOD FOR CLUBHOUSE	71.38
PERFORMANCE FOOD GROUP	217419	09/21/2022	264299	CREDIT INV# 259506 - SOUR CREAM	-7.84
PERFORMANCE FOOD GROUP	217502	09/28/2022	267433	LABOR FOR INSTALLATION-GRILL FOR KITCHEN	1,843.59
PERFORMANCE FOOD GROUP	217419	09/21/2022	276897	CREDIT INV# 272459 - PLASTIC PLATES	-132.38
PERFORMANCE FOOD GROUP	217419	09/21/2022	289905	FOOD/SUPPLIES FOR CLUBHOUSE	41.77
PERFORMANCE FOOD GROUP	217419	09/21/2022	289905	FOOD/SUPPLIES FOR CLUBHOUSE	1,451.15
PERFORMANCE FOOD GROUP	217419	09/21/2022	292164	FOOD FOR CLUBHOUSE	84.16
PERFORMANCE FOOD GROUP	217419	09/21/2022	294422	FOOD/SUPPLIES FOR CLUBHOUSE	362.89
PERFORMANCE FOOD GROUP	217419	09/21/2022	294422	FOOD/SUPPLIES FOR CLUBHOUSE	1,233.62
PERFORMANCE FOOD GROUP	217419	09/21/2022	295758	CREDIT INV# 289905 - HEAVY WHIPPING CREAM	-53.16
PERFORMANCE FOOD GROUP	217419	09/21/2022	297088	CREDIT INV# 278530 - DISTILLED WHITE VINEGAR	-10.76
PERFORMANCE FOOD GROUP	217502	09/28/2022	298843	FOOD/SUPPLIES FOR CLUBHOUSE	53.97
PERFORMANCE FOOD GROUP	217502	09/28/2022	298843	FOOD/SUPPLIES FOR CLUBHOUSE	1,073.86
PERFORMANCE FOOD GROUP	217419	09/21/2022	300638	CREDIT INV# 285978 - PLASTIC CONTAINERS	-134.56
PERFORMANCE FOOD GROUP	217502	09/28/2022	301355	FOOD FOR CLUBHOUSE	31.38
PERFORMANCE FOOD GROUP	217502	09/28/2022	299380	FOOD/SUPPLIES FOR CLUBHOUSE	874.35
PERFORMANCE FOOD GROUP	217502	09/28/2022	299380	FOOD/SUPPLIES FOR CLUBHOUSE	2,918.91
PERFORMANCE FOOD GROUP	217502	09/28/2022	304056	FOOD FOR CLUBHOUSE	78.69
Vendor VEN35773 - PERFORMANCE FOOD GROUP INC Total:					9,768.63
Vendor: VEN34122 - PERFORMANCE PLUS, LLC					
PERFORMANCE PLUS, LLC	14056	09/22/2022	122998	PRE-EMPLOYMENT TESTING	296.00
PERFORMANCE PLUS, LLC	14110	09/29/2022	123008	PRE-EMPLOYMENT TESTING	404.00
PERFORMANCE PLUS, LLC	14110	09/29/2022	123008	PRE-EMPLOYMENT TESTING	469.00
PERFORMANCE PLUS, LLC	14110	09/29/2022	123010	PRE-EMPLOYMENT TESTING	469.00
PERFORMANCE PLUS, LLC	14110	09/29/2022	123010	PRE-EMPLOYMENT TESTING	537.00
Vendor VEN34122 - PERFORMANCE PLUS, LLC Total:					2,175.00
Vendor: VEN32318 - PIPE SERVICES CORPORATION					
PIPE SERVICES CORPORATION	217421	09/21/2022	1035	MAINTENANCE ROOT CUTTING AND CLEANING SEW	99,670.21
Vendor VEN32318 - PIPE SERVICES CORPORATION Total:					99,670.21
Vendor: VEN16201 - PLAISTED COMPANIES					
PLAISTED COMPANIES	14057	09/22/2022	55245	70/20/10 CONSTRUCTION & TOPDRESSING SAND-RIVER OAK	2,256.93
Vendor VEN16201 - PLAISTED COMPANIES Total:					2,256.93
Vendor: VEN35660 - PRESERVATION DESIGN WORKS LLC					
PRESERVATION DESIGN WORK	14058	09/22/2022	3413	CEDARHURST MANSION DESIGN GUIDELINES 7/18-8/21/22	8,647.50
Vendor VEN35660 - PRESERVATION DESIGN WORKS LLC Total:					8,647.50
Vendor: VEN29366 - PROFESSIONAL WIRELESS COMMUNICATIONS					
PROFESSIONAL WIRELESS CO	217422	09/21/2022	114461	WALKIE TALKIE ANTENNAS-ICE ARENA	104.88
Vendor VEN29366 - PROFESSIONAL WIRELESS COMMUNICATIONS Total:					104.88

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Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
Vendor: VEN16138 - PUBLIC EMPLOYEES RETIREMENT ASSOCIATION					
PUBLIC EMPLOYEES RETIREM	14059	09/22/2022	INV025075	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	46,644.36
PUBLIC EMPLOYEES RETIREM	14059	09/22/2022	INV025076	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	68,265.94
Vendor VEN16138 - PUBLIC EMPLOYEES RETIREMENT ASSOCIATION Total:					114,910.30
Vendor: VEN34889 - PULTE HOMES OF MN LCC					
PULTE HOMES OF MN LCC	217503	09/28/2022	20220928-1	REFUND ESCROW - 6402 HIGHLAND HILLS CURVE S	6,295.00
PULTE HOMES OF MN LCC	217503	09/28/2022	20220928-2	REFUND ESCROW - 6489 HIGHLAND HILLS CURVE S	6,295.00
PULTE HOMES OF MN LCC	217503	09/28/2022	20220928-3	REFUND ESCROW - 6387 HIGHLAND HILLS CURVE S	6,295.00
PULTE HOMES OF MN LCC	217503	09/28/2022	20220928-4	REFUND ESCROW - 6486 HIGHLAND HILLS CURVE S	6,295.00
PULTE HOMES OF MN LCC	217503	09/28/2022	20220928-5	REFUND ESCROW - 6435 HIGHLAND HILLS CURVE S	6,295.00
PULTE HOMES OF MN LCC	217503	09/28/2022	20220928-6	REFUND ESCROW - 6480 HIGHLAND HILLS CURVE S	6,295.00
PULTE HOMES OF MN LCC	217503	09/28/2022	20220928-7	REFUND ESCROW - 6483 HIGHLAND HILLS CURVE S	6,295.00
PULTE HOMES OF MN LCC	217503	09/28/2022	20220928-8	REFUND ESCROW - 6438 HIGHLAND HILLS CURVE S	6,295.00
Vendor VEN34889 - PULTE HOMES OF MN LCC Total:					50,360.00
Vendor: VEN35873 - QUALITE SPORTS LIGHTING LLC					
QUALITE SPORTS LIGHTING LL	217504	09/28/2022	21999	GLACIAL VALLEY COURTS & RINK LIGHTS	101,421.00
Vendor VEN35873 - QUALITE SPORTS LIGHTING LLC Total:					101,421.00
Vendor: VEN31366 - QUALITY LOCKSMITH SERVICE, INC					
QUALITY LOCKSMITH SERVICE	217505	09/28/2022	QLS23540	REKEYED VEHICLE - 1755/34845	540.00
Vendor VEN31366 - QUALITY LOCKSMITH SERVICE, INC Total:					540.00
Vendor: VEN35788 - RELIABLE DRUG & ALCOHOL INC					
RELIABLE DRUG & ALCOHOL I	217423	09/21/2022	4900	DRUG TESTING	40.00
RELIABLE DRUG & ALCOHOL I	217423	09/21/2022	4900	DRUG TESTING	40.00
RELIABLE DRUG & ALCOHOL I	217423	09/21/2022	4900	DRUG TESTING	40.00
RELIABLE DRUG & ALCOHOL I	217423	09/21/2022	4900	DRUG TESTING	120.00
Vendor VEN35788 - RELIABLE DRUG & ALCOHOL INC Total:					240.00
Vendor: VEN13923 - RICHARD MOEN					
RICHARD MOEN	217424	09/21/2022	82222	SET UP OF SQUAD 2258	250.00
Vendor VEN13923 - RICHARD MOEN Total:					250.00
Vendor: VEN18156 - RIVER COUNTRY COOPERATIVE					
RIVER COUNTRY COOPERATIV	14060	09/22/2022	150251	528.2 GAL UNLEADED GASOLINE	2,376.37
RIVER COUNTRY COOPERATIV	14060	09/22/2022	150252	202.5 GAL DYED DIESEL	1,079.95
RIVER COUNTRY COOPERATIV	14060	09/22/2022	157419	141 GAL DYED DIESEL	709.77
RIVER COUNTRY COOPERATIV	14060	09/22/2022	157420	516.1 GAL UNLEADED GASOLINE	2,022.60
Vendor VEN18156 - RIVER COUNTRY COOPERATIVE Total:					6,188.69
Vendor: VEN30368 - RIVER STATES TRUCK AND TRAILER, INC					
RIVER STATES TRUCK AND TRA	14111	09/29/2022	935031	AIR SEAT VALVE KIT - 4003/34824	51.77
Vendor VEN30368 - RIVER STATES TRUCK AND TRAILER, INC Total:					51.77
Vendor: VEN30854 - ROHN INDUSTRIES, INC					
ROHN INDUSTRIES, INC	14061	09/22/2022	581947	DOCUMENT SHREDDING	20.32
ROHN INDUSTRIES, INC	14061	09/22/2022	581989	DOCUMENT SHREDDING	40.90
ROHN INDUSTRIES, INC	14112	09/29/2022	583276	DOCUMENT SHREDDING	32.72
ROHN INDUSTRIES, INC	14112	09/29/2022	583276	DOCUMENT SHREDDING	17.73
Vendor VEN30854 - ROHN INDUSTRIES, INC Total:					111.67

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Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
Vendor: VEN18016 - RUMPCA COMPANIES, INC.					
RUMPCA COMPANIES, INC.	217425	09/21/2022	12233	EMERGENCY STREET WORK	7,977.00
Vendor VEN18016 - RUMPCA COMPANIES, INC. Total:					7,977.00
Vendor: VEN18055 - RUMPCA EXCAVATING, INC					
RUMPCA EXCAVATING, INC	217426	09/21/2022	17410	12 YARDS FILL CLAY-BIKE PARK	168.00
RUMPCA EXCAVATING, INC	217506	09/28/2022	17411	OAKWOOD PARK LANDSCAPING	8,400.00
RUMPCA EXCAVATING, INC	217506	09/28/2022	17437	41 YARDS PULVERIZED BLACK DIRT	615.00
Vendor VEN18055 - RUMPCA EXCAVATING, INC Total:					9,183.00
Vendor: VEN31368 - SAFEGUARD BUSINESS SYSTEMS					
SAFEGUARD BUSINESS SYSTE	217427	09/21/2022	35097656	FINANCE DEPOSIT TICKETS	187.80
Vendor VEN31368 - SAFEGUARD BUSINESS SYSTEMS Total:					187.80
Vendor: VEN29489 - SCHILLING SUPPLY COMPANY					
SCHILLING SUPPLY COMPANY	14062	09/22/2022	886885-00	BATH TISSUE/CANLINER/ROLL TOWEL-PARKS	1,420.02
SCHILLING SUPPLY COMPANY	14062	09/22/2022	886885-00	BATH TISSUE/CANLINER/ROLL TOWEL-PARKS	64.68
SCHILLING SUPPLY COMPANY	14062	09/22/2022	886885-00	OXYGEN PRO 30/60/90-HERO	67.63
SCHILLING SUPPLY COMPANY	14113	09/29/2022	888156-00	ROLL TOWEL-CENTRAL FIRE	170.82
Vendor VEN29489 - SCHILLING SUPPLY COMPANY Total:					1,723.15
Vendor: VEN19318 - SHANNON GLASS COMPANY, INC.					
SHANNON GLASS COMPANY, I	217428	09/21/2022	S0046039	RPL WINDSHIELD - 1302/3480	278.92
Vendor VEN19318 - SHANNON GLASS COMPANY, INC. Total:					278.92
Vendor: VEN35036 - SIEVERS CREATIVE LLC					
SIEVERS CREATIVE LLC	14114	09/29/2022	INV-001002	OCT PREMIUM WEBSITE MAINTENANCE-VISITORS BUREAU	115.00
SIEVERS CREATIVE LLC	14114	09/29/2022	INV-001002	OCT SOCIAL MEDIA AD CAMPAIGN-VISITORS BUREAU	692.00
Vendor VEN35036 - SIEVERS CREATIVE LLC Total:					807.00
Vendor: VEN19365 - SILENT KNIGHT SECURITY SYSTEMS OF MN INC					
SILENT KNIGHT SECURITY SYS	14115	09/29/2022	136815	BURGLARY MONITORING 9/28/22-12/27/22	83.85
Vendor VEN19365 - SILENT KNIGHT SECURITY SYSTEMS OF MN INC Total:					83.85
Vendor: VEN35034 - SMOOT ENTERPRISES ADVANCED SPORTSWEAR LLC					
SMOOT ENTERPRISES ADVAN	14063	09/22/2022	9660	UNIFORM - ZAHNOW	294.00
SMOOT ENTERPRISES ADVAN	14063	09/22/2022	9660	UNIFORM - KREUSER	140.00
Vendor VEN35034 - SMOOT ENTERPRISES ADVANCED SPORTSWEAR LLC Total:					434.00
Vendor: VEN19285 - SOUTH EAST TOWING INC					
SOUTH EAST TOWING INC	217507	09/28/2022	234184	TOWING SERVICE ISUZU GARBAGE TRUCK - 6003/3483	420.00
Vendor VEN19285 - SOUTH EAST TOWING INC Total:					420.00
Vendor: VEN29560 - STANDARD INSURANCE COMPANY					
STANDARD INSURANCE COMP	217508	09/28/2022	20220928	COBRA LIFE<D INS PREMIUM-OCTOBER 2022	96.28
STANDARD INSURANCE COMP	217508	09/28/2022	20220928	EMPLOYER BASIC LIFE INS PREMIUM-OCTOBER 2022	1,114.04
STANDARD INSURANCE COMP	217508	09/28/2022	20220928	EMPLOYEE LIFE INS PREMIUM -OCTOBER 2022	2,611.06
STANDARD INSURANCE COMP	217508	09/28/2022	20220928	EMPLOYEE LTD INS PREMIUM -OCTOBER 2022	2,926.60
Vendor VEN29560 - STANDARD INSURANCE COMPANY Total:					6,747.98
Vendor: VEN33935 - STEENBERG WATRUD CONSTRUCTION LLC					
STEENBERG WATRUD CONSTR	217429	09/21/2022	9918	BILLING #5 - OAKWOOD PARK BUILDING CONCRETE	16,128.15
Vendor VEN33935 - STEENBERG WATRUD CONSTRUCTION LLC Total:					16,128.15

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Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
Vendor: VEN35921 - SUNRAM CONSTRUCTION INC					
SUNRAM CONSTRUCTION INC	217519	09/28/2022	20220909	PYMT 3-GLACIAL VALLEY PARK SVCS 8/6/22-9/9/22	361,118.47
Vendor VEN35921 - SUNRAM CONSTRUCTION INC Total:					361,118.47
Vendor: VEN35860 - SUNRISE ELECTRIC INC					
SUNRISE ELECTRIC INC	217430	09/21/2022	20220921-1	REFUND PERMIT# 2022- 018357 - 6603 94TH ST S	175.00
SUNRISE ELECTRIC INC	217430	09/21/2022	20220921-2	REFUND PERMIT# 2022- 018538 - 6538 91ST ST S	175.00
Vendor VEN35860 - SUNRISE ELECTRIC INC Total:					350.00
Vendor: VEN35345 - SWEDEBRO INC					
SWEDEBRO INC	217431	09/21/2022	2022205	OAKWOOD PARK - EPOXY FLOOR	4,900.00
Vendor VEN35345 - SWEDEBRO INC Total:					4,900.00
Vendor: VEN20035 - T.A. SCHIFSKY & SONS INC					
T.A. SCHIFSKY & SONS INC	217432	09/21/2022	68378	3/8" AGGREGATE MIX-479.81 TON	35,985.73
T.A. SCHIFSKY & SONS INC	217432	09/21/2022	68378	3/8" AGGREGATE MIX-479.81 TON	0.02
T.A. SCHIFSKY & SONS INC	217509	09/28/2022	68406	3/8" AGGREGATE MIX-112.31 TON	8,423.25
T.A. SCHIFSKY & SONS INC	217509	09/28/2022	68406	1-5GAL PAIL TACK OIL	43.00
T.A. SCHIFSKY & SONS INC	217509	09/28/2022	68406	1/2" AGGREGATE MIX-6.04 TON	446.96
Vendor VEN20035 - T.A. SCHIFSKY & SONS INC Total:					44,898.96
Vendor: VEN35979 - TEESNAP LLC					
TEESNAP LLC	217510	09/28/2022	2022-29798	SOFTWARE AS A SERVICE FOR 2022 ANNUAL BILLING	12,810.00
Vendor VEN35979 - TEESNAP LLC Total:					12,810.00
Vendor: VEN20049 - TENNIS ROLL OFF, L.L.C.					
TENNIS ROLL OFF, L.L.C.	217433	09/21/2022	3371294	DUMPSTER AT PW	211.66
TENNIS ROLL OFF, L.L.C.	217433	09/21/2022	3371294	DUMPSTER AT PW	211.66
TENNIS ROLL OFF, L.L.C.	217433	09/21/2022	3371294	DUMPSTER AT PW	211.66
TENNIS ROLL OFF, L.L.C.	217433	09/21/2022	3371294	DUMPSTER AT PW	211.66
TENNIS ROLL OFF, L.L.C.	217511	09/28/2022	3372262	DUMPSTER AT MEADOWGRASS PARK	603.00
Vendor VEN20049 - TENNIS ROLL OFF, L.L.C. Total:					1,449.64
Vendor: VEN35024 - TERRAFORM POWER LLC					
TERRAFORM POWER LLC	14116	09/29/2022	200100179007	SOLAR PRODUCTION CENTRAL FIRE 8/1/22-8/31/2	1,300.21
Vendor VEN35024 - TERRAFORM POWER LLC Total:					1,300.21
Vendor: VEN35984 - TF COTTAGE GROVE LLC					
TF COTTAGE GROVE LLC	217512	09/28/2022	20220928	PUBLIC IMPROVEMENT ESCROW REDUCTION	349,102.50
TF COTTAGE GROVE LLC	217512	09/28/2022	20220928	GRADING ESCROW REDUCTIO	4,680.00
Vendor VEN35984 - TF COTTAGE GROVE LLC Total:					353,782.50
Vendor: VEN32056 - THE COTTAGE GROVE PROFESSIONAL FIREFIGHTERS					
THE COTTAGE GROVE PROFES	14064	09/22/2022	INV025071	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	550.00
Vendor VEN32056 - THE COTTAGE GROVE PROFESSIONAL FIREFIGHTERS Total:					550.00
Vendor: VEN34073 - THE HARRIS-BILLINGS CO., INC.					
THE HARRIS-BILLINGS CO., IN	217434	09/21/2022	1023226	TOILET PARTITIONS - OAKWOOD	1,350.00
Vendor VEN34073 - THE HARRIS-BILLINGS CO., INC. Total:					1,350.00
Vendor: VEN30281 - THOMSON REUTERS					
THOMSON REUTERS	217435	09/21/2022	846966949	AUGUST INFORMATION CHARGES	197.25
Vendor VEN30281 - THOMSON REUTERS Total:					197.25

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Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
Vendor: VEN33351 - TIME COMMUNICATIONS, INC					
TIME COMMUNICATIONS, INC	217436	09/21/2022	2003-091622	ANSWERING SVC 9/16/22-10/13/22	303.25
Vendor VEN33351 - TIME COMMUNICATIONS, INC Total:					303.25
Vendor: VEN29205 - TOTAL MECHANICAL SERVICES, INC					
TOTAL MECHANICAL SERVICES	14117	09/29/2022	S4093	WEST C-2 HEAD COOLING VALVE-ICE ARENA	640.25
TOTAL MECHANICAL SERVICES	14117	09/29/2022	S4113	WEST SUMP FEED VALVE-ICE ARENA	1,580.75
TOTAL MECHANICAL SERVICES	14117	09/29/2022	PM4500	3RD QUARTER HVAC MAINTENANCE-ICE ARENA	2,172.50
Vendor VEN29205 - TOTAL MECHANICAL SERVICES, INC Total:					4,393.50
Vendor: VEN20140 - TREE TRUST					
TREE TRUST	217437	09/21/2022	220648	80TH & JEWEL TIMBER STAIR #1 PROGRAMMING	5,225.00
TREE TRUST	217437	09/21/2022	220729	80TH & JEWEL TIMBER STAIR #2 MATERIALS	2,292.84
TREE TRUST	217513	09/28/2022	220730	80TH & JEWEL TIMBER STAIR #3 MATERIALS	2,228.77
Vendor VEN20140 - TREE TRUST Total:					9,746.61
Vendor: VEN20095 - TRI-STATE BOBCAT, INC.					
TRI-STATE BOBCAT, INC.	14065	09/22/2022	T26719	SET OF PALLET FORKS FOR BOBCATS	950.00
TRI-STATE BOBCAT, INC.	14118	09/29/2022	T26784	BRACKET - 31MISC/34837	53.80
TRI-STATE BOBCAT, INC.	14118	09/29/2022	T26827	COUPLER - 8203/34829	40.30
Vendor VEN20095 - TRI-STATE BOBCAT, INC. Total:					1,044.10
Vendor: VEN20141 - TYLER TECHNOLOGIES, INC					
TYLER TECHNOLOGIES, INC	217438	09/21/2022	25-390196	ENERGOV-IG WORKFORCE APPS 10/1/22-4/30/23	135.06
TYLER TECHNOLOGIES, INC	217438	09/21/2022	25-390500	ESS/INCODE/TYLER U ANNUAL FEES 10/1/22-9/30/2	29,457.47
Vendor VEN20141 - TYLER TECHNOLOGIES, INC Total:					29,592.53
Vendor: VEN35692 - VAN METER INC					
VAN METER INC	217439	09/21/2022	S012310001.001	CUTTING REELS-STREETLIGHT	1,615.19
VAN METER INC	217439	09/21/2022	S012314055.001	DOTTIE PMT1300 3IN1 PRE-STREETLIGHTS	256.45
VAN METER INC	217514	09/28/2022	S012335064.001	LIGHT BULBS - FIRE #4	181.10
VAN METER INC	217514	09/28/2022	S012335064.003	CREDIT INV# S012335064.001 - LIGHT BULBS	-36.64
Vendor VEN35692 - VAN METER INC Total:					2,016.10
Vendor: VEN22353 - VERIZON WIRELESS					
VERIZON WIRELESS	14066	09/22/2022	9915032554	EMERGENCY PREP PHONES 8/5/22-9/4/22	65.20
Vendor VEN22353 - VERIZON WIRELESS Total:					65.20
Vendor: VEN35784 - WAGGLE GOLF					
WAGGLE GOLF	217440	09/21/2022	6530	PROSHOP MERCHANDISE	1,111.00
Vendor VEN35784 - WAGGLE GOLF Total:					1,111.00
Vendor: VEN30004 - WASHINGTON COUNTY ATTORNEY'S OFFICE					
WASHINGTON COUNTY ATTO	14067	09/22/2022	20220921	CASE#CG19017164 FILE#CR-2019-1458 FORFEITURE FUND	38.00
Vendor VEN30004 - WASHINGTON COUNTY ATTORNEY'S OFFICE Total:					38.00
Vendor: VEN34963 - WASTE MANAGEMENT OF MINNESOTA INC					
WASTE MANAGEMENT OF MI	217441	09/21/2022	8780558-2282-8	COMPOST DUMPSTER SVC 9/1/22-9/30/22	442.72
Vendor VEN34963 - WASTE MANAGEMENT OF MINNESOTA INC Total:					442.72
Vendor: VEN23256 - WATER CONSERVATION SERVICE, INC.					
WATER CONSERVATION SERVI	14119	09/29/2022	12569	LEAK LOCATE - 6967 INSKIP	331.25
Vendor VEN23256 - WATER CONSERVATION SERVICE, INC. Total:					331.25

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Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
Vendor: VEN29141 - WATSON COMPANY INC.					
WATSON COMPANY INC.	14068	09/22/2022	128309	SNACKS FOR CLUBHOUSE	613.86
WATSON COMPANY INC.	14120	09/29/2022	128493	SNACKS FOR ICE ARENA	575.68
WATSON COMPANY INC.	14120	09/29/2022	128493	SNACKS FOR ICE ARENA	452.40
WATSON COMPANY INC.	14120	09/29/2022	128640	SNACKS FOR CLUBHOUSE	273.85
Vendor VEN29141 - WATSON COMPANY INC. Total:					1,915.79
Vendor: VEN23122 - WEATHER WATCH INC					
WEATHER WATCH INC	14121	09/29/2022	12013	WEATHER SERVICE - SEPTEMBER 2022	220.00
Vendor VEN23122 - WEATHER WATCH INC Total:					220.00
Vendor: VEN31705 - WISCONSIN SCTF					
WISCONSIN SCTF	217442	09/21/2022	INV025074	9/22/22 BIWEEKLY PAYROLL 8/29/22-9/11/22	623.07
Vendor VEN31705 - WISCONSIN SCTF Total:					623.07
Vendor: VEN30736 - WOLD ARCHITECTS AND ENGINEERS, INC					
WOLD ARCHITECTS AND ENGI	217443	09/21/2022	81236	GLACIAL VALLEY PARK NEW BLDG THRU 45% CONTRACT DOC	21,136.65
Vendor VEN30736 - WOLD ARCHITECTS AND ENGINEERS, INC Total:					21,136.65
Vendor: VEN30632 - WS&D PERMIT SERVICE					
WS&D PERMIT SERVICE	217444	09/21/2022	20220921	REFUND PERMIT# 2022- 019392 - 7160 IVERSON CT S	204.00
Vendor VEN30632 - WS&D PERMIT SERVICE Total:					204.00
Vendor: VEN24065 - XCEL ENERGY					
XCEL ENERGY	217445	09/21/2022	794880260	RAVINE PKWY LIGHTS 8/4/22- 9/5/22	180.62
XCEL ENERGY	217445	09/21/2022	794954372	XCEL STREET LIGHTS 8/3/22- 9/2/22	7,662.69
XCEL ENERGY	217445	09/21/2022	795013379	8503A JENSEN AVE S FEEDPOINT 8/4/22-9/5/22	120.55
XCEL ENERGY	217445	09/21/2022	795026060	6459 JENSEN AVE S FEEDPOINT 8/4/22-9/5/22	67.83
XCEL ENERGY	217445	09/21/2022	795030302	6044 IDEN AVE S FEEDPOINT 8/4/22-9/5/22	21.44
XCEL ENERGY	217445	09/21/2022	795043750	HERO CENTER GAS 8/4/22- 9/5/22	146.98
XCEL ENERGY	217445	09/21/2022	795047383	7863 JEFFERY AVE S FEEDPOINT 8/4/22-9/5/22	12.04
XCEL ENERGY	217445	09/21/2022	795050295	6384 HIGHLAND HILLS CURVE FEEDPOINT 8/4/22-9/5/22	10.17
XCEL ENERGY	217445	09/21/2022	795050493	OAKWOOD PARK 8/4/22- 9/5/22	16.74
XCEL ENERGY	217445	09/21/2022	795157094	TRAFFIC SIGNALS 8/4/22- 9/5/22	905.25
XCEL ENERGY	217445	09/21/2022	795197115	80TH/JAMAICA LIGHTS 8/4/22-9/5/22	1,079.20
XCEL ENERGY	217445	09/21/2022	795691830	PINE COULEE LIGHTS 8/10/22 -9/11/22	82.92
XCEL ENERGY	217445	09/21/2022	795735819	PRO SHOP 8/10/22-9/11/22	891.43
XCEL ENERGY	217445	09/21/2022	795735819	PUMPHOUSE 8/10/22-9/11/2	2,032.72
XCEL ENERGY	217445	09/21/2022	795735819	MAINT BLDG 8/10/22-9/11/2	279.28
XCEL ENERGY	217445	09/21/2022	795735819	CLUBHOUSE 8/10/22-9/11/22	3,906.60
XCEL ENERGY	217445	09/21/2022	795765784	SOUTHPOINT 8/10/22-9/11/2	157.26
XCEL ENERGY	217445	09/21/2022	795772637	LIFT STATION 8/9/22-9/10/22	197.33
XCEL ENERGY	217445	09/21/2022	795788852	BOOSTER BYPASS 8/10/22- 9/11/22	2.15
XCEL ENERGY	217445	09/21/2022	795789412	SEWER LIFT STATION 8/10/22- 9/11/22	48.56
XCEL ENERGY	217445	09/21/2022	795812176	EASTBROOK HOA 8/10/22- 9/11/22	12.82

Expense Approval Report

Payment Dates: 9/16/2022 - 9/29/2022

Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
XCEL ENERGY	217445	09/21/2022	795816369	8031 80TH ST S FEEDPOINT 8/10/22-9/11/22	178.49
XCEL ENERGY	217445	09/21/2022	795827376	8311 60TH ST S UNIT ST LIGHTS 8/10/22-9/11/22	77.00
XCEL ENERGY	217445	09/21/2022	795828638	HERO CENTER ELEC 8/10/22- 9/11/22	9,565.89
XCEL ENERGY	217445	09/21/2022	795828920	8193 GRANGE BLVD UNIT SIREN 8/10/22-9/11/22	20.14
XCEL ENERGY	217445	09/21/2022	795831852	9200 GRANADA AVE S FEEDPOINT 8/10/22-9/11/22	59.33
XCEL ENERGY	217445	09/21/2022	795834725	6424 HARKNESS AVE S FEEDPOINT 8/10/22-9/11/22	51.98
XCEL ENERGY	217445	09/21/2022	795836793	6497 INSPIRE CIR S FEEDPOINT 8/10/22-9/11/22	47.47
XCEL ENERGY	217445	09/21/2022	795837710	7064 W PT DOUGLAS RD S FEEDPOINT 8/10/22-9/11/22	61.51
XCEL ENERGY	217445	09/21/2022	795853646	9750 65TH ST S FEEDPOINT 8/10/22-9/11/22	92.23
XCEL ENERGY	217445	09/21/2022	795854505	SETTLERS BLUFF LS/10294A GREYSTONE 8/10/22-9/11/22	29.66
XCEL ENERGY	217445	09/21/2022	795883193	6490 IDSEN AVE S FEEDPOINT 8/10/22-9/11/22	116.30
XCEL ENERGY	217445	09/21/2022	795883546	8500 95TH ST S UNIT TRAFFIC SIGNAL 8/10/22-9/11/22	87.82
XCEL ENERGY	217445	09/21/2022	795886695	6527 GENEVIEVE TRL FEEDPOINT 8/10/22-9/11/22	24.49
XCEL ENERGY	217445	09/21/2022	795895682	PSCH ELECTRICITY & GAS 8/4/22-9/5/22	11,121.59
XCEL ENERGY	217445	09/21/2022	795952057	WATER 8/9/22-9/10/22	45,289.49
XCEL ENERGY	217515	09/28/2022	796033620	CENTRAL FIRE 8/10/22- 9/11/22	3,865.44
XCEL ENERGY	217515	09/28/2022	796152386	GLENDENNING 8/14/22- 9/13/22	20.36
XCEL ENERGY	217445	09/21/2022	796358089	ICE ARENA 8/10/22-9/11/22	32,495.75
XCEL ENERGY	217515	09/28/2022	796741163	C/D SIRENS 8/18/22-9/17/22	47.36
XCEL ENERGY	217515	09/28/2022	796853550	PARK BUILDINGS 8/4/22- 9/5/22	2,809.11
Vendor VEN24065 - XCEL ENERGY Total:					123,895.99
Vendor: VEN35521 - XEE LEE					
XEE LEE	217449	09/21/2022	20211006	REFUND EMS OVERPAYMENT - CGA1400-67581 10/2/2020	115.51
Vendor VEN35521 - XEE LEE Total:					115.51
Vendor: VEN32213 - YOLEISY VALDES-GONZALES					
YOLEISY VALDES-GONZALES	14122	09/29/2022	31538	SEPTEMBER LAWN CARE - CENTRAL FIRE	788.55
YOLEISY VALDES-GONZALES	14122	09/29/2022	31539	SEPTEMBER LAWN CARE - CITY HALL	2,289.00
YOLEISY VALDES-GONZALES	14122	09/29/2022	31540	SEPTEMBER LAWN CARE - HERO CENTER	1,104.60
YOLEISY VALDES-GONZALES	14122	09/29/2022	31546	SEPTEMBER LAWN CARE - FIRE #4	515.55
Vendor VEN32213 - YOLEISY VALDES-GONZALES Total:					4,697.70
Vendor: VEN26203 - ZACK'S INC.					
ZACK'S INC.	217450	09/21/2022	35776	DEGREASER 55 GAL DRUM FOR WASH BAY AR	193.55
ZACK'S INC.	217450	09/21/2022	35776	DEGREASER 55 GAL DRUM FOR WASH BAY AR	193.55
ZACK'S INC.	217450	09/21/2022	35776	DEGREASER 55 GAL DRUM FOR WASH BAY AR	193.55
ZACK'S INC.	217450	09/21/2022	35776	DEGREASER 55 GAL DRUM FOR WASH BAY AR	193.55
Vendor VEN26203 - ZACK'S INC. Total:					774.20

Expense Approval Report

Payment Dates: 9/16/2022 - 9/29/2022

Vendor Name	Payment Number	Payment Date	Payable Number	Description (Item)	Amount
Vendor: VEN26201 - ZIEGLER INC.					
ZIEGLER INC.	14123	09/29/2022	IN000690503	PUMP - 8303/34825	113.63
Vendor VEN26201 - ZIEGLER INC. Total:					113.63
Vendor: VEN26003 - ZYWIEC'S LANDSCAPE AND GARDEN CENTER					
ZYWIEC'S LANDSCAPE AND G	217516	09/28/2022	20220608	FLOWERS FOR RIVER OAKS	17.03
ZYWIEC'S LANDSCAPE AND G	217516	09/28/2022	20220622-2	1 YARD - 1 1/2" RIVER ROCK- RIVER OAKS	55.58
ZYWIEC'S LANDSCAPE AND G	217516	09/28/2022	20220622-3	1 YARD - 1 1/2" RIVER ROCK- RIVER OAKS	55.58
ZYWIEC'S LANDSCAPE AND G	217516	09/28/2022	20220630	FLOWERS FOR RIVER OAKS	55.47
ZYWIEC'S LANDSCAPE AND G	217516	09/28/2022	20220701	1 YARD - 1 1/2" RIVER ROCK- RIVER OAKS	55.58
Vendor VEN26003 - ZYWIEC'S LANDSCAPE AND GARDEN CENTER Total:					239.24
Grand Total:					5,625,235.34

Report Summary

Fund Summary

Fund	Payment Amount
100 - GENERAL FUND	190,092.43
210 - EQUIPMENT REPLACEMENT	950.00
215 - RECYCLING	550.72
230 - SURFACE WATER MANAGEMENT	17,182.29
235 - SEALCOATING FUND	26,310.20
240 - FORFEITURE & SEIZURE	224.50
250 - ICE ARENA	41,730.79
255 - GOLF COURSE SPECIAL REVENUE FUND	59,651.91
285 - ECONOMIC DEVELOPMENT AUTHORITY	11,943.30
286 - ECONOMIC DEVELOPMENT TRUST	4,320.00
290 - HERO CENTER OPERATIONS	12,886.48
455 - 3M SETTLEMENT - MPCA	1,778,888.25
510 - FUTURE PROJECTS	10,211.00
515 - PARK CAPITAL IMPROVEMENT FUND	22,229.00
520 - MSA CONSTRUCTION	35,096.43
534 - TIF 1-12	1,237.50
542 - TIF 1-18	68.75
560 - PAVEMENT MANAGEMENT	930.00
568 - DEVELOPER PETITIONED PROJECTS	531,649.10
570 - PARK TRUST	571,077.87
575 - WATER CONNECT/AREA	104,283.07
580 - SEWER CONNECTION/AREA	53,492.00
585 - STORM CONNECTION/AREA	53,075.00
610 - WATER OPERATING	47,572.84
620 - SEWER OPERATING	660,677.31
630 - STREET LIGHTS	28,858.78
660 - SOUTH WASHINGTON COUNTY AMBUL	5,995.85
700 - SELF INSURANCE	303,725.32
710 - FLEET MAINTENANCE	11,758.54
720 - INFORMATION TECHNOLOGY	54,533.78
810 - DEVELOPER LETTER OF CREDIT	706,095.00
990 - PAYROLL FUND	277,937.33
Grand Total:	5,625,235.34

Account Summary

Account Number	Account Name	Payment Amount
100-00-9100-2034	COBRA INSURANCE	3,352.89
100-01-0010-4210	OP SUPPLY-OTHER	27.50
100-02-0110-4403	TRAVEL/TRAIN/CON	41.88
100-03-0150-4302	LEGAL SERVICE	22,059.50
100-04-0200-4300	PROF SERVICES	485.90
100-04-0200-4302	LEGAL SERVICE	5,552.00
100-05-0300-4200	OFFICE SUPPLIES	187.80
100-09-2500-4305	FEES FOR SERVICE	2,362.62
100-09-2500-4360	UTILITIES	11,121.59
100-09-2500-4370	MAINT-REPAIR/EQ	293.95
100-09-2500-4372	MAINT-REPAIR/BLD	201.98
100-09-2500-4380	RENTAL/LEASE	1,565.93
100-10-1100-4300	PROF SERVICES	12,135.07
100-10-1100-4403	TRAVEL/TRAIN/CON	747.25
100-10-1100-4434	SPECIAL EVENTS	220.59
100-13-1000-2041	SURCHARGE PAYABL	13,223.20
100-13-1000-3140	BUILDING PERMIT	1,240.00
100-13-1000-4300	PROF SERVICES	11,261.40
100-13-1000-4340	PRINTING	1,165.00
100-13-1000-4375	CHARGE-FLEET MNT	25.00
100-13-1030-4300	PROF SERVICES	113.10

Account Summary

Account Number	Account Name	Payment Amount
100-14-2040-4301	ENGINEERING SVS	3,653.50
100-15-0400-4310	COMMUNICATION	65.20
100-15-0400-4360	UTILITIES	67.50
100-21-0500-4210	OP SUPPLY-OTHER	14.00
100-21-0500-4300	PROF SERVICES	1,248.00
100-21-0500-4305	FEES FOR SERVICE	197.25
100-21-0500-4380	RENTAL/LEASE	646.64
100-21-0500-4403	TRAVEL/TRAIN/CON	1,090.00
100-21-0500-4530	MACH & EQUIPMENT	250.00
100-21-0537-4210	OP SUPPLY-OTHER	109.95
100-21-0537-4280	CAPITAL OUTLAY <\$5,00	2,850.00
100-26-0800-4210	OP SUPPLY-OTHER	43.50
100-26-0800-4217	CLOTHING/UNIFORM	237.63
100-26-0800-4272	OP SUP-BUILDINGS	170.82
100-26-0800-4300	PROF SERVICES	1,606.00
100-26-0800-4305	FEES FOR SERVICE	1,321.83
100-26-0800-4360	UTILITIES	5,165.65
100-26-0800-4370	MAINT-REPAIR/EQ	3.75
100-26-0800-4372	MAINT-REPAIR/BLD	3,095.14
100-26-0800-4380	RENTAL/LEASE	226.86
100-26-0800-4403	TRAVEL/TRAIN/CON	345.00
100-31-1200-4210	OP SUPPLY-OTHER	279.48
100-31-1200-4217	CLOTHING/UNIFORM	300.13
100-31-1200-4271	OP SUP-OTHER IMP	44,409.00
100-31-1200-4300	PROF SERVICES	35.30
100-31-1200-4301	ENGINEERING SVS	3,296.00
100-31-1200-4305	FEES FOR SERVICE	315.00
100-31-1200-4380	RENTAL/LEASE	94.41
100-31-1200-4405	CLEAN/WASTE REMV	211.66
100-32-1260-4210	OP SUPPLY-OTHER	82.36
100-35-2005-4210	OP SUPPLY-OTHER	20.32
100-35-2005-4305	FEES FOR SERVICE	577.75
100-35-2005-4372	MAINT-REPAIR/BLD	2,255.05
100-35-2005-4380	RENTAL/LEASE	830.48
100-35-2009-4360	UTILITIES	20.36
100-36-2200-4305	FEES FOR SERVICE	2,400.00
100-41-1500-4209	OP SUPPLIES-CLEN	70.24
100-41-1500-4210	OP SUPPLY-OTHER	3,979.42
100-41-1500-4217	CLOTHING/UNIFORM	140.00
100-41-1500-4271	OP SUP-OTHER IMP	3,838.50
100-41-1500-4272	OP SUP-BUILDINGS	1,484.70
100-41-1500-4280	CAPITAL OUTLAY <\$5,00	2,292.84
100-41-1500-4305	FEES FOR SERVICE	5,810.00
100-41-1500-4360	UTILITIES	2,908.77
100-41-1500-4372	MAINT-REPAIR/BLD	982.00
100-41-1500-4380	RENTAL/LEASE	60.00
100-41-1500-4405	CLEAN/WASTE REMV	814.66
100-41-1500-4540	OTHER CAP OUTLAY	2,594.50
100-51-2300-4210	OP SUPPLY-OTHER	90.78
100-51-2300-4380	RENTAL/LEASE	106.35
210-00-9210-4530	MACH & EQUIPMENT	950.00
215-54-1900-4302	LEGAL SERVICE	108.00
215-54-1900-4405	CLEAN/WASTE REMV	442.72
230-60-3200-4210	OP SUPPLY-OTHER	64.99
230-60-3200-4300	PROF SERVICES	35.30
230-60-3200-4301	ENGINEERING SVS	5,618.00
230-60-3200-4305	FEES FOR SERVICE	135.00
230-60-3200-4371	MAINT-REPAIR/OTH	11,329.00

Account Summary

Account Number	Account Name	Payment Amount
235-00-1217-4271	OP SUP-OTHER IMP	1,078.00
235-00-1217-4301	ENGINEERING SVS	735.00
235-00-1217-4371	MAINT-REPAIR/OTH	24,497.20
240-21-0552-4302	LEGAL SERVICE	142.50
240-21-0554-4390	VICTIM/WITNESS	19.00
240-21-0554-4391	COUNTY DEFENDENT	38.00
240-21-0554-4449	OTHER CONTRACT	25.00
250-77-3700-4210	OP SUPPLY-OTHER	104.88
250-77-3700-4211	MOTOR FUELS	644.22
250-77-3700-4300	PROF SERVICES	2,212.50
250-77-3700-4302	LEGAL SERVICE	668.00
250-77-3700-4305	FEES FOR SERVICE	250.00
250-77-3700-4360	UTILITIES	32,495.75
250-77-3700-4370	MAINT-REPAIR/EQ	2,221.00
250-77-3700-4372	MAINT-REPAIR/BLD	1,850.00
250-77-3700-4380	RENTAL/LEASE	106.37
250-77-3700-4434	SPECIAL EVENTS	149.99
250-77-3700-4438	VENDING RESALE	575.68
250-77-3740-4438	CONCESSIONS RESALE	452.40
255-53-2100-4210	OP SUPPLY-OTHER	546.92
255-53-2100-4300	PROF SERVICES	40.00
255-53-2100-4302	LEGAL SERVICE	64.00
255-53-2100-4305	FEES FOR SERVICE	6,165.35
255-53-2100-4360	UTILITIES	891.43
255-53-2100-4380	RENTAL/LEASE	7,401.88
255-53-2100-4438	PRO/MISC RESALE	1,741.54
255-55-2105-4210	OP SUPPLY-OTHER	2,716.75
255-55-2105-4211	MOTOR FUELS	6,188.69
255-55-2105-4270	OP SUP-VEH/EQ	2,137.69
255-55-2105-4271	OP SUP-OTHER IMP	711.77
255-55-2105-4301	ENGINEERING SVS	3,250.50
255-55-2105-4305	FEES FOR SERVICE	47.22
255-55-2105-4372	MAINT-REPAIR/BLD	473.50
255-55-2105-4405	CLEAN/WASTE REMV	225.00
255-55-2105-4449	OTHER CONTRACT	72.50
255-55-2110-4360	UTILITIES	2,312.00
255-56-2140-4210	OP SUPPLY-OTHER	1,343.68
255-56-2140-4300	PROF SERVICES	120.00
255-56-2140-4305	FEES FOR SERVICE	3,786.41
255-56-2140-4360	UTILITIES	3,906.60
255-56-2140-4370	MAINT-REPAIR/EQ	184.15
255-56-2140-4372	MAINT-REPAIR/BLD	1,125.00
255-56-2140-4380	RENTAL/LEASE	1,019.31
255-56-2140-4436	CONCESSION RESAL	8,302.19
255-56-2140-4439	LIQUOR - RESALE	4,877.83
285-12-1135-4300	PROF SERVICES	383.21
285-12-1135-4301	ENGINEERING SVS	10,631.00
285-12-1135-4302	LEGAL SERVICE	68.00
285-12-1150-4300	PROF SERVICES	54.09
285-12-1150-4305	FEES FOR SERVICE	115.00
285-12-1150-4341	ADVER/PUBLISH	692.00
286-00-9286-4302	LEGAL SERVICE	4,320.00
290-00-2900-4210	OP SUPPLY-OTHER	178.74
290-00-2900-4305	FEES FOR SERVICE	1,598.07
290-00-2900-4360	UTILITIES	9,712.87
290-00-2900-4372	MAINT-REPAIR/BLD	1,062.81
290-00-2900-4380	RENTAL/LEASE	333.99
455-00-7232-4550	PROJECT-CONTRACT	807,089.75

Account Summary

Account Number	Account Name	Payment Amount
455-00-7232-4552	PROJECT-LEGAL	1,361.00
455-00-7255-4550	PROJECT-CONTRACT	960,781.50
455-00-7255-4551	PROJECT-ENGINEER	7,113.00
455-00-7255-4552	PROJECT-LEGAL	2,543.00
510-00-6489-4210	OP SUPPLY-OTHER	615.00
510-00-6489-4305	FEES FOR SERVICE	9,375.00
510-00-9510-4301	ENGINEERING	221.00
515-00-9515-4302	LEGAL SERVICE	232.00
515-00-9515-4540	OTHER CAP OUTLAY	21,997.00
520-00-6552-4551	PROJECT-ENGINEER	34,432.43
520-00-6552-4552	PROJECT-LEGAL	664.00
534-00-9534-4300	PROF SERVICES	1,237.50
542-00-9542-4300	PROF SERVICES	68.75
560-00-6541-4551	PROJECT-ENGINEER	930.00
568-00-6629-4551	PROJECT-ENGINEER	15,809.00
568-00-6629-4552	PROJECT-LEGAL	220.00
568-00-6700-4550	PROJECT-CONTRACT	515,620.10
570-00-9570-4300	PROF SERVICES	21,136.65
570-00-9570-4301	ENGINEERING SVS	34,623.60
570-00-9570-4302	LEGAL SERVICE	496.00
570-00-9570-4540	OTHER CAP OUTLAY	152,688.15
570-00-9570-4550	PROJECT-CONTRACT	361,118.47
570-00-9570-4551	PROJECT-ENGINEER	1,015.00
575-00-7250-4380	RENTAL/LEASE	43,200.00
575-00-7250-4559	PROJECT-OTHER	210.57
575-00-7252-4380	RENTAL/LEASE	60,800.00
575-00-9575-4551	PROJECT-ENGINEER	72.50
580-00-7246-4551	PROJECT-ENGINEER	6,608.00
580-00-7246-4552	PROJECT-LEGAL	924.00
580-00-7246-4554	PROJECT-ROW/EASE	45,355.00
580-00-9580-4301	ENGINEERING SVS	605.00
585-00-9585-4301	ENGINEERING SVS	10,806.00
585-00-9585-4500	LAND	42,269.00
610-70-3000-4210	OP SUPPLY-OTHER	1,333.85
610-70-3000-4217	CLOTHING/UNIFORM	363.94
610-70-3000-4300	PROF SERVICES	40.50
610-70-3000-4360	UTILITIES	45,291.64
610-70-3000-4371	MAINT-REPAIR/OTH	331.25
610-70-3000-4405	CLEAN/WASTE REMV	211.66
620-00-9620-2042	SAC	360,300.15
620-80-3100-3739	MISC UTIL	-3,578.40
620-80-3100-4210	OP SUPPLY-OTHER	3,516.80
620-80-3100-4217	CLOTHING/UNIFORM	164.94
620-80-3100-4300	PROF SERVICES	40.50
620-80-3100-4360	UTILITIES	275.55
620-80-3100-4363	MWCC SERVICE	200,287.56
620-80-3100-4371	MAINT-REPAIR/OTH	99,670.21
630-75-1400-4210	OP SUPPLY-OTHER	2,101.69
630-75-1400-4301	ENGINEERING SVS	629.50
630-75-1400-4305	FEES FOR SERVICE	1,196.10
630-75-1400-4360	UTILITIES	953.65
630-75-1400-4361	NSP STREET LIGHT	7,662.69
630-75-1400-4371	MAINT-REPAIR/OTH	1,000.00
630-75-1400-4438	PRO/MISC RESALE	12,905.00
630-75-1430-4360	UTILITIES	993.07
630-75-1440-4360	UTILITIES	1,079.20
630-75-1450-4360	UTILITIES	337.88
660-24-0600-4210	OP SUPPLY-OTHER	2,083.65

Account Summary

Account Number	Account Name	Payment Amount
660-24-0600-4217	CLOTHING/UNIFORM	822.79
660-24-0600-4300	PROF SERVICES	296.00
660-24-0600-4302	LEGAL SERVICE	1,128.00
660-24-0600-4403	TRAVEL/TRAIN/CON	600.00
660-24-9660-1194	ACCTS REC-AMB	1,065.41
700-00-9700-4144	HEALTH INSURANCE	4,845.57
700-00-9700-4148	WORKERS COMP	218,024.00
700-00-9700-4300	PROF SERVICES	1,257.75
700-00-9700-4352	GENERAL LIABILIT	79,598.00
710-33-1700-4210	OP SUPPLY-OTHER	193.55
710-33-1700-4217	CLOTHING/UNIFORM	32.30
710-33-1700-4270	OP SUP-VEH/EQ	8,349.56
710-33-1700-4305	FEES FOR SERVICE	54.50
710-33-1700-4370	MAINT-REPAIR/EQ	2,222.75
710-33-1700-4405	CLEAN/WASTE REMV	211.66
710-33-1710-4305	FEES FOR SERVICE	402.25
710-33-1710-4370	MAINT-REPAIR/EQ	277.40
710-33-1720-4272	OP SUP-BUILDINGS	14.57
720-00-9720-1230	PREPAID EXPENSE	29,957.53
720-07-0380-4280	CAPITAL OUTLAY <\$5,00	248.98
720-07-0380-4310	COMMUNICATION	6,368.54
720-07-0380-4321	DATA PROCESSING	12,810.00
720-07-0380-4370	MAINT-REPAIR/EQ	2,379.63
720-07-0380-4403	TRAVEL/TRAIN/CON	143.60
720-07-0383-4301	ENGINEERING SVS	2,625.50
810-00-8217-2310	DEPOSITS PAYABLE	159,425.00
810-00-9810-2310	DEPOSITS PAYABLE	546,670.00
990-05-9990-2010	PERA	114,910.30
990-05-9990-2032	GROUP INS-WTHHLD	117,941.87
990-05-9990-2033	DENTAL INS-WITH	9,592.19
990-05-9990-2035	LIFE INS-WITHHLD	3,349.32
990-05-9990-2037	CHILD SUPPORT	677.51
990-05-9990-2038	UNION DUES	550.00
990-05-9990-2043	DEFERRED COMP	27,989.54
990-05-9990-2047	long term disabl	2,926.60
Grand Total:		5,625,235.34

Project Account Summary

Project Account Key	Payment Amount
None	5,625,235.34
Grand Total:	5,625,235.34

PAYROLL CHECK REGISTER

Biweekly PE 09/11/22 – CK 09/22/22 - \$401,634.93