



CITY OF NOVI CITY COUNCIL
APRIL 3, 2023

SUBJECT: Consideration of approval to award the construction contract to DeAngelis Diamond Construction, the low bidder, for the construction of Jessica's Splash Pad, in the amount of \$1,931,416.28, and amend the budget.

SUBMITTING DEPARTMENT: Parks, Recreation and Cultural Services
Department of Public Works, Engineering Division

| | |
|-------------------------------|---------------------------|
| EXPENDITURE REQUIRED | \$ 1,931,416.28 |
| AMOUNT BUDGETED | \$ 1,500,000.00 |
| APPROPRIATION REQUIRED | \$ 1,250,000.00 |
| LINE ITEM NUMBER | 401-752.00-977.037 |

BACKGROUND INFORMATION:

A splash pad, in honor of former FOX 2 Meteorologist Jessica Starr-Rose, is planned for the Bosco Fields Park. A new building with a 20' x 20' mechanical room will house the controls for the splash pad, along with restrooms and changing areas. Water service and sanitary sewer service will be extended from Beck Road to connect to the restrooms and splash pad. The splash pad's aquatic equipment was prepurchased from Vortex Aquatic Structures International following City Council's approval in 2022, and will consist of a 4,500 square-foot pad with a recirculating water system. Other amenities, such as landscaping, a pedestrian bridge, shade structures and seating are also included with the project.

City engineering consultant, OHM Advisors, assisted with developing engineering design plans for the project. The plans were advertised for public bids on February 13, 2023. Two (2) complete bids were received and opened on March 13, 2023, following the solicitation period. DeAngelis Diamond Construction, the low bidder, is recommended in the best interest of the City, as it is responsive and complies with all requirements of the bidding instructions. The award recommendation letter including the bid tabulation is attached. A summary of the bids is as follows:

| Contractor | Total Program Bid (includes crew days)* |
|--------------------------------|--|
| DeAngelis Diamond Construction | \$2,033,372.82 |
| Reliance Building Company | \$2,311,406.00 |

***Crew days and sanitary sewer service are included to compare bids, but not included in the award.**

The lowest qualified bid was higher than the engineer's estimate of probable construction costs. The attached Letter of Recommendation from OHM Advisors provides more details on the price increase. The water and sewer service lead installation will be provided by D & D Water & Sewer, Inc., with whom the City has a contract. The contract administration and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects.

| D & D Water & Sewer, Inc. | | |
|--|--|--------------|
| Water & Sewer service installation | 3/8/23 quote for water and sewer lead connection from Beck Rd to splash pad | \$52,509.00 |
| OHM Advisors | | |
| Contract Administration (CA) | 4.75% of the construction award and water & sewer service installation (\$1,931,416.28 + \$52,509) X 0.0475 | \$ 94,236.45 |
| Crew Days | \$800 daily inspection fee x 50 days* (*OHM recommended number of days per CA proposal) | \$ 40,000.00 |
| G2 Consulting Group | | |
| Material Testing Services | 1.9% of the construction award and water & sewer service installation (\$1,931,416.28 + \$52,509) x 0.019 | \$37,693.95 |

RECOMMENDED ACTION: Approval to award the construction contract to DeAngelis Diamond Construction, the low bidder, for the construction of Jessica's Splash Pad, in the amount of \$1,931,416.28 and amend the budget.

RESOLUTION

NOW, THEREFORE BE IT RESOLVED that the following Budget Amendment for the splash pad construction contract to DeAngelis Diamond Construction is authorized:

| | INCREASE (DECREASE) |
|--|-------------------------------------|
| Capital Improvement Program (CIP) Fund | |
| APPROPRIATIONS | |
| Capital Outlay | 1,250,000 |
| TOTAL APPROPRIATIONS | <u>\$ 1,250,000</u> |
| Net Increase (Decrease) to Fund Balance | <u><u>\$ (1,250,000)</u></u> |

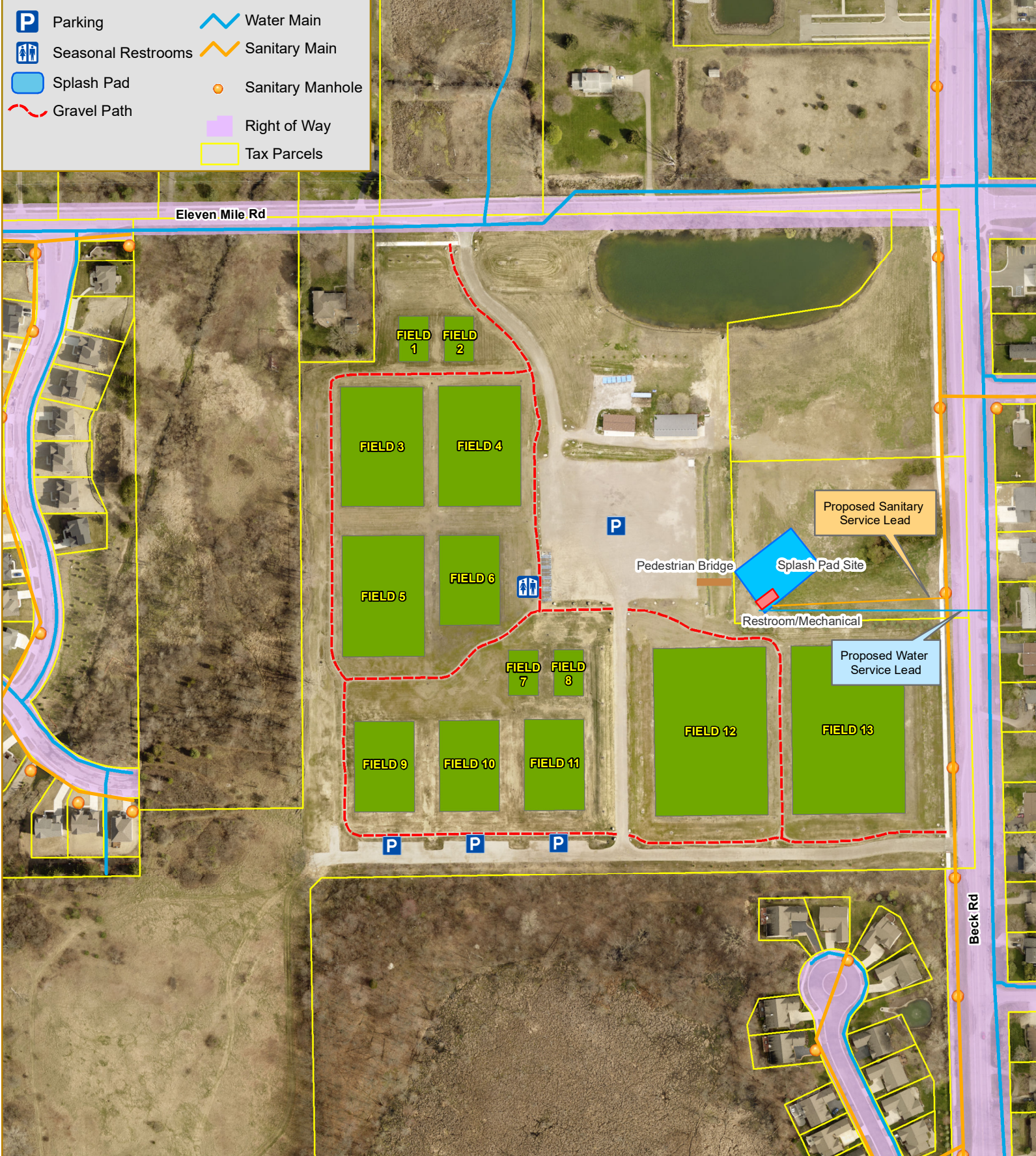
I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi at a regular meeting held on April 3, 2023

Cortney Hanson
City Clerk

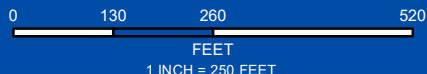
BOSCO FIELDS SPLASH PAD LOCATION MAP

Proposed Splash Pad Location

| | |
|--------------------|------------------|
| Parking | Water Main |
| Seasonal Restrooms | Sanitary Main |
| Splash Pad | Sanitary Manhole |
| Gravel Path | Right of Way |
| | Tax Parcels |



CITY OF NOVI
 PARKS, RECREATION & CULTURAL SERVICES
 NOVI CITY HALL
 45175 W. TEN MILE ROAD
 NOVI, MI 48375
 (248) 347-0400
 CITYOFNOVI.ORG
 MAP AUTHOR: K. BLOUGH



MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

March 22, 2023

Jeffrey Muck
Director Parks, Recreation & Cultural Services
City of Novi
45175 Ten Mile Road
Novi, MI 48375

RE: Jessica's Splash Pad at Bosco Fields
Recommendation of Award

Dear Mr. Muck:

Sealed bids for the Jessica's Splash Pad at Bosco Fields project were received and publicly read aloud on Monday, March 13, 2023, at Council Chambers, at 10:00 am. Proposals were received by the City from two (2) bidders. Note that an additional bid was received for only the site fencing item, which is not included below. We have reviewed and checked the bids and attached the Bid Tabulation for your information. The summary of the bids received are as follows:

| Contractor | TOTAL BID |
|--------------------------------|-----------------------|
| DeAngelis Diamond Construction | \$2,033,372.82 |
| Reliance Building Company | \$2,311,406.00 |

The project scope consists of constructing a new splash pad with a recirculating water system, new restroom and mechanical building, pedestrian bridge connection, concrete plaza with shade structures, landscaping, fencing, and associated site improvements. The final engineer's estimate of probable construction costs was approximately \$1,600,000.

Based on the bids received and conversation with prospective bidders, we suspect the bid results are in part due to the accelerated construction schedule, limited availability of materials and resources, small size of the work compared to number of trades/subcontractors needed, as well as complexities of the project. Additionally, after review of the bid packages, it was determined that the sanitary sewer services for the project could be completed by the City's water/sewer contractor, reducing the project amount by approximately \$14,000. It should be noted that there are a limited number of contractors who install splash pads, which further impacts bid pricing.

DeAngelis Diamond Construction is the apparent lowest responsible bidder for this project. They have satisfactorily completed similar projects as the general contractor in various locations across southeast Michigan as well as other states. Based on the desired construction schedule and limited contractor/material availability, we do not foresee construction prices decreasing in the short term. Therefore, we recommend award of this contract to DeAngelis Diamond Construction in the amount of **\$1,931,416.28** per the unit prices bid for the project. Please note that this contract award amount is derived from the total bid amount of \$2,033,372.82, less the crew day cost of \$88,000 and less the sanitary services cost of \$13,956.54.



If you have any questions, please do not hesitate to call me at (248) 751-3104.

Sincerely,
OHM Advisors

A handwritten signature in blue ink that reads "Timothy J. Juidici".

Timothy J. Juidici, P.E.
Principal-in-Charge

Encl: Bid Tabulation

cc: Jeff Herczeg, Director of Public Works
Aaron Staup, Construction Engineer
Rebecca Runkel, Project Engineer
Ben Weaver, OHM

Opening Date - 03/13/2023
Date Reviewed - 03/13/2023

**CITY OF NOVI
BID TABULATION
JESSICA'S SPLASH PAD**

| | | | |
|-------------------|---------------------------------|-----------------------------------|--------------------------------------|
| VENDOR NAME: | DeAngelis Diamond Construction | Reliance Building Company | Industrial Fence & Landscaping, Inc. |
| | 39555 Orchard Hill Pl. Ste. 235 | 26200 Town Center Drive, Ste. 195 | 12030 Pleasant Street |
| STREET: | | | |
| CITY, STATE, ZIP: | Novi, MI 48375 | Novi, MI 48375 | Detroit, MI 48217 |
| BID TOTAL: | | | |

BID TABULATION

| DESCRIPTION | | Quantity | Unit | UNIT PRICE | TOTAL PRICE | UNIT PRICE | TOTAL PRICE | UNIT PRICE | TOTAL PRICE |
|-------------|---|----------|------|--------------|--------------|--------------|--------------|------------|-------------|
| 1 | Mobilization, Max 5% | 1.00 | LSUM | \$18,419.33 | \$18,419.33 | \$114,000.00 | \$114,000.00 | n/a | n/a |
| 2 | Earth Excavation & Grading | 1.00 | LSUM | \$83,590.21 | \$83,590.21 | \$91,000.00 | \$91,000.00 | n/a | n/a |
| 3 | Splash Pad Installation | 1.00 | LSUM | \$299,908.41 | \$299,908.41 | \$310,000.00 | \$310,000.00 | n/a | n/a |
| 4 | Restroom & Maintenance Building | 1.00 | LSUM | \$648,422.98 | \$648,422.98 | \$780,000.00 | \$780,000.00 | n/a | n/a |
| 5 | 10" Storm Sewer (SCLPP) | 427.00 | Ft | \$63.24 | \$27,003.48 | \$60.00 | \$25,620.00 | n/a | n/a |
| 6 | 6" Storm Sewer (SCLPP) | 43.00 | Ft | \$116.72 | \$5,018.96 | \$38.00 | \$1,634.00 | n/a | n/a |
| 7 | 4" Storm Sewer (PVC) | 59.00 | Ft | \$90.22 | \$5,322.98 | \$33.00 | \$1,947.00 | n/a | n/a |
| 8 | 2' Dia. Catch Basin | 4.00 | Ea | \$3,657.43 | \$14,629.72 | \$3,000.00 | \$12,000.00 | n/a | n/a |
| 9 | 4' Dia. Catch Basin | 2.00 | Ea | \$5,606.85 | \$11,213.70 | \$4,200.00 | \$8,400.00 | n/a | n/a |
| 10 | 10" Flared End Section | 1.00 | Ea | \$5,235.71 | \$5,235.71 | \$1,900.00 | \$1,900.00 | n/a | n/a |
| 11 | 6" Fared End Section | 1.00 | Ea | \$5,022.21 | \$5,022.21 | \$1,600.00 | \$1,600.00 | n/a | n/a |
| 12 | 4" PVC Sanitary Service | 33.00 | Ft | \$170.95 | \$5,641.35 | \$70.00 | \$2,310.00 | n/a | n/a |
| 13 | 6" PVC Sanitary Service | 69.00 | Ft | \$120.51 | \$8,315.19 | \$76.00 | \$5,244.00 | n/a | n/a |
| 14 | 2-1/2" Copper (Type K) Water Service | 10.00 | Ft | \$443.51 | \$4,435.10 | \$99.00 | \$990.00 | n/a | n/a |
| 15 | Soil Erosion & Sediment Control Measures | 1.00 | LSUM | \$8,651.71 | \$8,651.71 | \$6,800.00 | \$6,800.00 | n/a | n/a |
| 16 | Parking Lot Striping | 1.00 | LSUM | \$5,982.96 | \$5,982.96 | \$880.00 | \$880.00 | n/a | n/a |
| 17 | ADA Parking Signage | 3.00 | Ea | \$1,353.82 | \$4,061.46 | \$150.00 | \$450.00 | n/a | n/a |
| 18 | Aggregate Base, 21AA, 6 inch | 309.00 | Syd | \$43.98 | \$13,589.82 | \$36.00 | \$11,124.00 | n/a | n/a |
| 19 | MDOT Class II Sand, 4 inch | 1456.00 | Syd | \$13.63 | \$19,845.28 | \$12.00 | \$17,472.00 | n/a | n/a |
| 20 | Concrete Walkway, 4 inch | 13100.00 | Sft | \$5.57 | \$72,967.00 | \$8.20 | \$107,420.00 | n/a | n/a |
| 21 | Concrete Drive, 6 inch | 975.00 | Sft | \$10.06 | \$9,808.50 | \$11.00 | \$10,725.00 | n/a | n/a |
| 22 | Reinforced Concrete, 6 inch | 16.00 | Sft | \$265.54 | \$4,248.64 | \$310.00 | \$4,960.00 | n/a | n/a |
| 23 | Conduit, Schedule 40, 4 inch | 740.00 | Ft | \$17.04 | \$12,609.60 | \$29.00 | \$21,460.00 | n/a | n/a |
| 24 | Conduit, Schedule 40, 3 inch | 7.00 | Ft | \$518.37 | \$3,628.59 | \$1,100.00 | \$7,700.00 | n/a | n/a |
| 25 | Conduit, Directional Bore. 2, 4 inch | 200.00 | Ft | \$0.00 | \$0.00 | \$120.00 | \$24,000.00 | n/a | n/a |
| 26 | DB Cable, in Conduit, 600V, 1/C#3/0 | 21.00 | Ft | \$0.00 | \$0.00 | \$91.00 | \$1,911.00 | n/a | n/a |
| 27 | Decorative Aluminum Fencing | 671.00 | Ft | \$52.98 | \$35,549.58 | \$87.00 | \$58,377.00 | \$72.00 | \$48,312.00 |
| 28 | Synthetic Grass Surface | 2000.00 | Sft | \$8.77 | \$17,540.00 | \$36.00 | \$72,000.00 | n/a | n/a |
| 29 | Wooden Pedestrian Bridge | 1.00 | LSUM | \$65,876.12 | \$65,876.12 | \$84,000.00 | \$84,000.00 | n/a | n/a |
| 30 | Eastern Pergola | 1.00 | LSUM | \$90,621.94 | \$90,621.94 | \$97,000.00 | \$97,000.00 | n/a | n/a |
| 31 | Western Pergola | 1.00 | LSUM | \$75,765.10 | \$75,765.10 | \$83,000.00 | \$83,000.00 | n/a | n/a |
| 32 | Gateway Arch | 1.00 | LSUM | \$52,055.98 | \$52,055.98 | \$40,000.00 | \$40,000.00 | n/a | n/a |
| 33 | Bench | 20.00 | Ea | \$2,578.26 | \$51,565.20 | \$3,800.00 | \$76,000.00 | n/a | n/a |
| 34 | Bistro Table | 24.00 | Ea | \$488.59 | \$11,726.16 | \$410.00 | \$9,840.00 | n/a | n/a |
| 35 | Bistro Chair | 96.00 | Ea | \$116.81 | \$11,213.76 | \$190.00 | \$18,240.00 | n/a | n/a |
| 36 | Large Table | 4.00 | Ea | \$1,437.03 | \$5,748.12 | \$880.00 | \$3,520.00 | n/a | n/a |
| 37 | Trash Receptacles | 6.00 | Ea | \$1,495.33 | \$8,971.98 | \$3,500.00 | \$21,000.00 | n/a | n/a |
| 38 | Quercus bicolor, 3 inch | 3.00 | Ea | \$1,656.28 | \$4,968.84 | \$700.00 | \$2,100.00 | n/a | n/a |
| 39 | Acer rubrum, 3 inch | 6.00 | Ea | \$1,041.64 | \$6,249.84 | \$720.00 | \$4,320.00 | n/a | n/a |
| 40 | Liriodendron tulipifera, 3 inch | 3.00 | Ea | \$1,656.28 | \$4,968.84 | \$630.00 | \$1,890.00 | n/a | n/a |
| 41 | Betula nigra 'Heritage', 12' ht. | 6.00 | Ea | \$1,014.95 | \$6,089.70 | \$610.00 | \$3,660.00 | n/a | n/a |
| 42 | Amelanchier x grandiflora 'Autumn Brilliance, 12' ht. | 10.00 | Ea | \$779.77 | \$7,797.70 | \$630.00 | \$6,300.00 | n/a | n/a |
| 43 | Pinus strobus, 10' ht. | 8.00 | Ea | \$905.33 | \$7,242.64 | \$840.00 | \$6,720.00 | n/a | n/a |
| 44 | Picea glauca 'Densata', 10' ht. | 8.00 | Ea | \$921.34 | \$7,370.72 | \$840.00 | \$6,720.00 | n/a | n/a |
| 45 | Abies balsamea, 10' ht. | 8.00 | Ea | \$921.34 | \$7,370.72 | \$840.00 | \$6,720.00 | n/a | n/a |
| 46 | Tsuga canadensis, 10' ht. | 3.00 | Ea | \$2,172.24 | \$6,516.72 | \$840.00 | \$2,520.00 | n/a | n/a |
| 47 | Physocarpus opulifoliosus 'Seward', 3' ht. | 6.00 | Ea | \$657.34 | \$3,944.04 | \$88.00 | \$528.00 | n/a | n/a |
| 48 | Hydrangea macrophylla 'Bailmer', 2.5' ht. | 22.00 | Ea | \$224.40 | \$4,936.80 | \$88.00 | \$1,936.00 | n/a | n/a |
| 49 | Rosa 'Radrazz', 2.5' ht. | 7.00 | Ea | \$568.01 | \$3,976.07 | \$64.00 | \$448.00 | n/a | n/a |
| 50 | Ilex verticillate 'Red Sprite', 2.5' ht. | 12.00 | Ea | \$358.03 | \$4,296.36 | \$90.00 | \$1,080.00 | n/a | n/a |
| 51 | Spiraea japonica 'Goldmound', 2' ht. | 4.00 | Ea | \$940.64 | \$3,762.56 | \$63.00 | \$252.00 | n/a | n/a |
| 52 | Taxus x media 'Wardii', 2.5' ht. | 27.00 | Ea | \$232.07 | \$6,265.89 | \$140.00 | \$3,780.00 | n/a | n/a |

| | | | | | | | | | |
|----|---|----------|------|-------------|------------------------------------|-------------|-----------------------|-----|---------------------------------|
| 53 | Potentilla fruticosa 'McKay's White', 2' ht. | 31.00 | Ea | \$172.51 | \$5,347.81 | \$59.00 | \$1,829.00 | n/a | n/a |
| 54 | Buxus x 'Green Gem', 18" ht. | 12.00 | Ea | \$384.71 | \$4,616.52 | \$110.00 | \$1,320.00 | n/a | n/a |
| 55 | Panicum virgatum 'Cloud Nine', 2 gal. | 14.00 | Ea | \$289.34 | \$4,050.76 | \$23.00 | \$322.00 | n/a | n/a |
| 56 | Sporobolus heterolepis, 1 gal. | 32.00 | Ea | \$131.59 | \$4,210.88 | \$23.00 | \$736.00 | n/a | n/a |
| 57 | Festuca glauca 'Elijah Blue', 1 gal. | 42.00 | Ea | \$105.34 | \$4,424.28 | \$23.00 | \$966.00 | n/a | n/a |
| 58 | Hosta 'Gold Standard', 1 gal. | 21.00 | Ea | \$189.34 | \$3,976.14 | \$15.00 | \$315.00 | n/a | n/a |
| 59 | Hosta 'Patriot', 1 gal. | 48.00 | Ea | \$94.84 | \$4,552.32 | \$15.00 | \$720.00 | n/a | n/a |
| 60 | Diervilla lonicera 'Michigan Sunset', 1 gal. | 35.00 | Ea | \$122.14 | \$4,274.90 | \$23.00 | \$805.00 | n/a | n/a |
| 61 | Rudbeckia folgida 'Goldsturm', 1 gal. | 39.00 | Ea | \$111.80 | \$4,360.20 | \$15.00 | \$585.00 | n/a | n/a |
| 62 | Tudbeckia speciosa 'Viette's Little Suzy', 1 gal. | 23.00 | Ea | \$174.73 | \$4,018.79 | \$27.00 | \$621.00 | n/a | n/a |
| 63 | Iris verginica, 1 gal. | 56.00 | Ea | \$84.34 | \$4,723.04 | \$27.00 | \$1,512.00 | n/a | n/a |
| 64 | Astilbe chinensis 'Visions in White', 1 gal. | 13.00 | Ea | \$292.71 | \$3,805.23 | \$27.00 | \$351.00 | n/a | n/a |
| 65 | Carex pennsylvanica, Qt. Pot. | 479.00 | Ea | \$23.38 | \$11,199.02 | \$12.00 | \$5,748.00 | n/a | n/a |
| 66 | Planting Mix | 236.00 | Cyd | \$47.52 | \$11,214.72 | \$53.00 | \$12,508.00 | n/a | n/a |
| 67 | Shredded Hardwood Mulch, 4" depth | 79.00 | Cyd | \$83.84 | \$6,623.36 | \$82.00 | \$6,478.00 | n/a | n/a |
| 68 | Steel Edging | 841.00 | Ft | \$23.23 | \$19,536.43 | \$12.00 | \$10,092.00 | n/a | n/a |
| 69 | Turf Restoration | 1.00 | LSUM | \$11,197.69 | \$11,197.69 | \$23,000.00 | \$23,000.00 | n/a | n/a |
| 70 | Automatic Underground Irrigation System | 1.00 | LSUM | \$23,276.46 | \$23,276.46 | \$28,000.00 | \$28,000.00 | n/a | n/a |
| 71 | Crew Days | \$800.00 | Cday | 110.00 | \$88,000.00 | 40.00 | \$32,000.00 | n/a | n/a |
| | | | | | | | | | |
| | TOTAL BID AMOUNT (ITEM 1-68 Incl.): | | | | ² \$2,033,372.82 | | \$2,311,406.00 | | ¹ \$48,312.00 |
| | | | | | | | | | |
| | Corrections | | | | | | | | |
| | ¹ Multiplication Error Line Item 24 Corrected | | | | | | | | |
| | ² Multiplication Error Line Items 18, 19, 21, 22, 23, 27, 28, 33-50, & 52-68 Corrected | | | | | | | | |

**BID
for
Jessica's Splash Pad**

Bid of DeAngelis Diamond Construction hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as _____*.

Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the site and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

| Addendum No. | Addendum Date |
|--------------|----------------|
| <u>1</u> | <u>2/20/23</u> |
| <u>2</u> | <u>3/3/23</u> |
| <u>3</u> | <u>3/8/23</u> |

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified.

The Bidder agrees to complete the Project for the following unit prices: **See attached breakdown for prices.**

| Item No. | Item Description | Qty | Unit | Unit Price | Total Price |
|-------------------------|---------------------------------|--------|------|---|-------------|
| Category 1 - All | | | | | |
| 1 | Mobilization, Max 5% | 1.00 | LSUM | \$ _____ | \$ _____ |
| 2 | Earth Excavation & Grading | 1.00 | LSUM | \$ _____ | \$ _____ |
| 3 | Splash Pad Installation | 1.00 | LSUM | See attached breakdown for prices. | |
| 4 | Restroom & Maintenance Building | 1.00 | LSUM | \$ _____ | \$ _____ |
| 5 | 10" Storm Sewer (SCLPP) | 427.00 | Ft | \$ _____ | \$ _____ |
| 6 | 6" Storm Sewer (SLCPP) | 43.00 | Ft | \$ _____ | \$ _____ |



| Item No. | Item Description | Qty | Unit | Unit Price | Total Price |
|----------|--|-----------|---------|------------|-------------|
| 7 | 4" Storm Sewer (PVC) | 59.00 | Ft | \$ _____ | \$ _____ |
| 8 | 2' Dia. Catch Basin | 4.00 | Ea | \$ _____ | \$ _____ |
| 9 | 4' Dia. Catch Basin | 2.00 | Ea | \$ _____ | \$ _____ |
| 10 | 10" Flared End Section | 1.00 | Ea | \$ _____ | \$ _____ |
| 11 | 6" Fared End Section | 1.00 | Ea | \$ _____ | \$ _____ |
| 12 | Soil Erosion & Sediment Control Measures | 1.00 | LSL ... | \$ _____ | \$ _____ |
| 13 | Parking Lot Striping | 1.00 | LSUM | \$ _____ | \$ _____ |
| 14 | ADA Parking Signage | 3.00 | Ea | \$ _____ | \$ _____ |
| 15 | Aggregate Base, 21AA, 6 inch | 309.00 | Syd | \$ _____ | \$ _____ |
| 16 | MDOT Class II Sand, 4 inch | 1456.00 | Syd | \$ _____ | \$ _____ |
| 17 | Concrete Walkway, 4 inch | 13,100.00 | Sft | \$ _____ | \$ _____ |
| 18 | Concrete Drive, 6 inch | 975.00 | Sft | \$ _____ | \$ _____ |
| 19 | Reinforced Concrete, 6 inch | 16.00 | Sft | \$ _____ | \$ _____ |
| 20 | Conduit, Schedule 40, 4 inch | 740.00 | Ft | \$ _____ | \$ _____ |
| 21 | Conduit, Schedule 40, 3 inch | 7.00 | Ft | \$ _____ | \$ _____ |
| 22 | Conduit, Directional Bore, 2, 4 inch | 200.00 | Ft | \$ _____ | \$ _____ |
| 23 | DB Cable, in Conduit, 600V, 1/C#3/0 | 21.00 | Ft | \$ _____ | \$ _____ |
| 24 | Decorative Aluminum Fencing | 671.00 | Ft | \$ _____ | \$ _____ |
| 25 | Synthetic Grass Surface | 2,000.00 | Sft | \$ _____ | \$ _____ |
| 26 | Wooden Pedestrian Bridge | 1.00 | LSUM | \$ _____ | \$ _____ |
| 27 | Eastern Pergola | 1.00 | LSUM | \$ _____ | \$ _____ |
| 28 | Western Pergola | 1.00 | LSUM | \$ _____ | \$ _____ |
| 29 | Gateway Arch | 1.00 | L | \$ _____ | \$ _____ |
| 30 | Bench | 20.00 | Ea | \$ _____ | \$ _____ |
| 31 | Bistro Table | 24.00 | Ea | \$ _____ | \$ _____ |
| 32 | Bistro Chair | 96.00 | Ea | \$ _____ | \$ _____ |
| 33 | Large Table | 4.00 | Ea | \$ _____ | \$ _____ |
| 34 | Trash Receptacles | 6.00 | Ea | \$ _____ | \$ _____ |
| 35 | Quercus bicolor, 3 inch | 3.00 | Ea | \$ _____ | \$ _____ |

See attached breakdown for prices.

See attached breakdown for prices.



| Item No. | Item Description | Qty | Unit | Unit Price | Total Price |
|----------|---|--------|------|------------------------------------|-------------|
| 36 | Acer rubrum, 3 inch | 6.00 | Ea | \$ _____ | \$ _____ |
| 37 | Lirodendron tulipifera, 3 inch | 3.00 | Ea | \$ _____ | \$ _____ |
| 38 | Betula nigra 'Heritage', 12' ht. | 6.00 | Ea | \$ _____ | \$ _____ |
| 39 | Amelanchier x grandiflora 'Autumn Brilliance, 12' ht. | 10.00 | Ea | \$ _____ | \$ _____ |
| 40 | Pinus strobus, 10' ht. | 8.00 | E | See attached breakdown for prices. | |
| 41 | Picea glauca 'Densata', 10' ht. | 8.00 | Ea | \$ _____ | \$ _____ |
| 42 | Abies balsamea, 10' ht. | 8.00 | Ea | \$ _____ | \$ _____ |
| 43 | Tsuga canadensis, 10' ht. | 3.00 | Ea | \$ _____ | \$ _____ |
| 44 | Physocarpus opulifoliosus 'Seward', 3' ht. | 6.00 | Ea | \$ _____ | \$ _____ |
| 45 | Hydrangea macrophylla 'Bailmer', 2.5' ht. | 22.00 | Ea | \$ _____ | \$ _____ |
| 46 | Rosa 'Radrazz', 2.5' ht. | 7.00 | Ea | \$ _____ | \$ _____ |
| 47 | Ilex verticillate 'Red Sprite', 2.5' ht. | 12.00 | Ea | \$ _____ | \$ _____ |
| 48 | Spiraea japonica 'Goldmound', 2' ht. | 4.00 | Ea | \$ _____ | \$ _____ |
| 49 | Taxus x media 'Wardii', 2.5' ht. | 27.00 | Ea | \$ _____ | \$ _____ |
| 50 | Potentilla fruticosa 'McKay's White', 2' ht. | 31.00 | Ea | \$ _____ | \$ _____ |
| 51 | Buxus x 'Green Gem', 18" ht. | 12.00 | Ea | \$ _____ | \$ _____ |
| 52 | Panicum virgatum 'Cloud Nine', 2 gal. | 14.00 | Ea | \$ _____ | \$ _____ |
| 53 | Sporobolus heterolepsis, 1 gal. | 32.00 | Ea | \$ _____ | \$ _____ |
| 54 | Festuca glauca 'Elijah Blue', 1 gal. | 42.00 | Ea | \$ _____ | \$ _____ |
| 55 | Hosta 'Gold Standard', 1 gal. | 21.00 | Ea | \$ _____ | \$ _____ |
| 56 | Hosta 'Patriot', 1 gal. | 48.00 | Ea | \$ _____ | \$ _____ |
| 57 | Diervilla lonicera 'Michigan Sunset', 1 gal. | 35.00 | | See attached breakdown for prices. | |
| 58 | Rudbeckia folgida 'Goldsturm', 1 gal. | 39.00 | Ea | \$ _____ | \$ _____ |
| 59 | Rudbeckia speciosa 'Viette's Little Suzy', 1 gal. | 23.00 | Ea | \$ _____ | \$ _____ |
| 60 | Iris verginica, 1 gal. | 56.00 | Ea | \$ _____ | \$ _____ |
| 61 | Astilbe chinensis 'Visions in White', 1 gal. | 13.00 | Ea | \$ _____ | \$ _____ |
| 62 | Carex pennsylvanica, Qt. Pot. | 479.00 | Ea | \$ _____ | \$ _____ |
| 63 | Planting Mix | 236.00 | Cyd | \$ _____ | \$ _____ |



| Item No. | Item Description | Qty | Unit | Unit Price | Total Price |
|----------|---|--------|------|------------|-------------|
| 64 | Shredded Hardwood Mulch, 4" depth | 79.00 | Cyd | \$ _____ | \$ _____ |
| 65 | Steel Edging | 841.00 | Ft | \$ _____ | \$ _____ |
| 66 | Turf Restoration | 1.00 | LSUM | \$ _____ | \$ _____ |
| 67 | Automatic Underground Irrigation System | 1.00 | LSUM | \$ _____ | \$ _____ |
| 68 | Crew Days | _____ | Cday | \$ 800.00 | \$ _____ |

Total Bid Amount (ITEM 1-68 incl.): See attached breakdown for prices.

If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received. **The undersigned shall complete the work in accordance with the following schedule:**

Operational Completion to include a completed splash pad, restroom and mechanical building, concrete installation, pedestrian bridge, and synthetic turf in accordance with the plan set by **August 25, 2023.**

Auxiliary Structures Completion to include the pergola structures, gateway arch, fencing and other associated architectural elements by **December 15, 2023.**

Substantial Completion to include all remaining contract items by **May 17, 2024.**

Final Completion to include all punch list items by **May 24, 2024.**

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of Substantial Completion of the Work, within the time specified in this Bid, the OWNER will suffer a damage of ONE THOUSAND FIVE HUNDRED dollars (\$1,500.00) per day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.



| Item No | Item Description | Qty | Unit | Unit Price | Total Price |
|-------------------------|---|----------|------|--------------------|---------------|
| Category 1 - All | | | | | |
| 1 | Mobilization, max 5% | 1.00 | LSUM | \$ 18,419.33 | \$ 18,419.33 |
| 2 | Earth Excavation and Grading | 1.00 | LSUM | \$ 83,590.21 | \$ 83,590.21 |
| 3 | Splash Pad Installation | 1.00 | LSUM | \$ 299,908.41 | \$ 299,908.41 |
| 4 | Restroom & Maintenance Building/Shower | 1.00 | LSUM | \$ 648,422.98 | \$ 648,422.98 |
| 5 | 10" Storm Sewer (SCLPP) | 427.00 | Ft | \$ 63.24 | \$ 27,002.57 |
| 6 | 6" Storm Sewer (SCLPP) | 43.00 | Ft | \$ 116.72 | \$ 5,019.00 |
| 7 | 4" Storm Sewer (PVC) | 59.00 | Ft | \$ 90.22 | \$ 5,322.71 |
| 8 | 2' Dia. Catch Basin | 4.00 | Ea | \$ 3,657.43 | \$ 14,629.71 |
| 9 | 4' Dia. Catch Basin | 2.00 | Ea | \$ 5,606.85 | \$ 11,213.71 |
| 10 | 10" Flared End Section | 1.00 | Ea | \$ 5,235.71 | \$ 5,235.71 |
| 11 | 6" Flared End Section | 1.00 | Ea | \$ 5,022.21 | \$ 5,022.21 |
| 12 | 4" PVC Sanitary Service | 33.00 | Ft | \$ 170.95 | \$ 5,641.36 |
| 13 | 6" PVC Sanitary Service | 69.00 | Ft | \$ 120.51 | \$ 8,315.44 |
| 14 | 2-1/2" Copper (Type K) Water Service | 10.00 | Ft | \$ 443.51 | \$ 4,435.08 |
| 15 | Soil Erosion & Sediment Control Measures | 1.00 | LSUM | \$ 8,651.71 | \$ 8,651.71 |
| 16 | Parking Lot Striping | 1.00 | LSUM | \$ 5,982.96 | \$ 5,982.96 |
| 17 | ADA Parking Signage | 3.00 | Ea | \$ 1,353.82 | \$ 4,061.46 |
| 18 | Aggregate Base, 21AA | 309.00 | Syd | \$ 43.98 | \$ 13,588.36 |
| 19 | MDOT Class II Sand, 4 Inch | 1456.00 | Syd | \$ 13.63 | \$ 19,847.65 |
| 20 | Concrete Walkway, 4 inch | 13100.00 | Sft | \$ 5.57 | \$ 72,936.24 |
| 21 | Concrete Drive, 6 inch | 975.00 | Sft | \$ 10.06 | \$ 9,810.38 |
| 22 | Reinforced Concrete, 6 inch | 16.00 | Sft | \$ 265.54 | \$ 4,248.70 |
| 23 | Conduit, Schedule 40, 4 inch | 740.00 | Ft | \$ 17.04 | \$ 12,612.13 |
| 24 | Conduit, Schedule 40, 3 inch | 7.00 | Ft | \$ 518.37 | \$ 3,628.59 |
| 25 | Conduit, Directional Bore, 2, 4 Inch | 200.00 | Ft | no bid - inc above | |
| 26 | DB Cable, in Conduit, 600V, 1/C#3/0 | 21.00 | Ft | no bid - inc above | |
| 27 | Decorative Aluminum Fencing | 671.00 | Ft | \$ 52.98 | \$ 35,547.37 |
| 28 | Synthetic Grass Surface | 2000.00 | Sft | \$ 8.77 | \$ 17,533.31 |
| 29 | Wooden Pedestrian Bridge | 1.00 | LSUM | \$ 65,876.12 | \$ 65,876.12 |
| 30 | Eastern Pergola | 1.00 | LSUM | \$ 90,621.94 | \$ 90,621.94 |
| 31 | Western Pergola | 1.00 | LSUM | \$ 75,765.10 | \$ 75,765.10 |
| 32 | Gateway Arch | 1.00 | LSUM | \$ 52,055.98 | \$ 52,055.98 |
| 33 | Bench | 20.00 | Ea | \$ 2,578.26 | \$ 51,565.21 |
| 34 | Bistro Table | 24.00 | Ea | \$ 488.59 | \$ 11,726.11 |
| 35 | Bistro Chair | 96.00 | Ea | \$ 116.81 | \$ 11,213.71 |
| 36 | Large Table | 4.00 | Ea | \$ 1,437.03 | \$ 5,748.11 |
| 37 | Trash Receptacles | 6.00 | Ea | \$ 1,495.33 | \$ 8,971.96 |
| 38 | Quercus bicolor, 3 inch | 3.00 | Ea | \$ 1,656.28 | \$ 4,968.83 |
| 39 | Acer rubum, 3 inch | 6.00 | Ea | \$ 1,041.64 | \$ 6,249.83 |
| 40 | Lirodendron tulipifera, 3 inch | 3.00 | Ea | \$ 1,656.28 | \$ 4,968.83 |
| 41 | Betula nigra 'Heritage', 12' ht. | 6.00 | Ea | \$ 1,014.95 | \$ 6,089.71 |
| 42 | Amelanchier x grandiflora ' autumn brilliance' 12' ht | 10.00 | Ea | \$ 779.77 | \$ 7,797.71 |
| 43 | Pinus strobus, 10' ht | 8.00 | Ea | \$ 905.33 | \$ 7,242.61 |
| 44 | Picea glauca 'Densata', 10' ht | 8.00 | Ea | \$ 921.34 | \$ 7,370.71 |
| 45 | Abies balsamea, 10' ht | 8.00 | Ea | \$ 921.34 | \$ 7,370.71 |
| 46 | Tsuga canadensis, 10' ht | 3.00 | Ea | \$ 2,172.24 | \$ 6,516.71 |
| 47 | Physocarpus opulifoliosus 'Seward', 3' ht | 6.00 | Ea | \$ 657.34 | \$ 3,944.03 |
| 48 | Hydrangea macrophylla 'bailmer', 2.5' ht | 22.00 | Ea | \$ 224.40 | \$ 4,936.81 |
| 49 | Rosa 'Radrazz', 2.5' ht | 7.00 | Ea | \$ 568.01 | \$ 3,976.06 |
| 50 | Ilex verticillate 'Red Sprite', 2.5' ht | 12.00 | Ea | \$ 358.03 | \$ 4,296.31 |
| 51 | Spiraea japonica 'Goldmound', 2' ht | 4.00 | Ea | \$ 940.64 | \$ 3,762.56 |

March 13, 2023

City of Novi – Jessica's Splashpad

| | | | | | | | |
|----|---|--------|------|----|-----------|----|-----------|
| 52 | Taxus x media 'Wardi', 2.5' ht. | 27.00 | Ea | \$ | 232.07 | \$ | 6,265.84 |
| 53 | Potentilla fruticosa, 'McKay's White', 2' ht | 31.00 | Ea | \$ | 172.51 | \$ | 5,347.79 |
| 54 | Buxus x 'Green Gem', 18" ht | 12.00 | Ea | \$ | 384.71 | \$ | 4,616.56 |
| 55 | Panicum virgatum 'Cloud Nine', 2 gal | 14.00 | Ea | \$ | 289.34 | \$ | 4,050.78 |
| 56 | Sporobolus heterolepsis, 1 gal | 32.00 | Ea | \$ | 131.59 | \$ | 4,210.91 |
| 57 | Festuca glauca 'Elijah Blue', 1 gal | 42.00 | Ea | \$ | 105.34 | \$ | 4,424.41 |
| 58 | Hosta 'Gold Standard', 1 gal | 21.00 | Ea | \$ | 189.34 | \$ | 3,976.06 |
| 59 | Hosta 'Patriot', 1 gal | 48.00 | Ea | \$ | 94.84 | \$ | 4,552.51 |
| 60 | Diervilla lonicera 'Michigan Sunset', 1 gal | 35.00 | Ea | \$ | 122.14 | \$ | 4,274.96 |
| 61 | Rudbeckia folgida 'Goldstrum', 1 gal | 39.00 | Ea | \$ | 111.80 | \$ | 4,360.36 |
| 62 | Rudbeckia speciosa Viette's Little Suzy', 1 gal | 23.00 | Ea | \$ | 174.73 | \$ | 4,018.76 |
| 63 | Iris verginica, 1 gal | 56.00 | Ea | \$ | 84.34 | \$ | 4,723.31 |
| 64 | Astilbe chinensis 'Visions in White', 1 gal | 13.00 | Ea | \$ | 292.71 | \$ | 3,805.26 |
| 65 | Carex pennsylvania, Qt Pot | 479.00 | Ea | \$ | 23.38 | \$ | 11,197.69 |
| 66 | Planting Mix | 236.00 | Cyd | \$ | 47.52 | \$ | 11,213.71 |
| 67 | Shredded Hardwood Mulch, 4" depth | 79.00 | | \$ | 83.84 | \$ | 6,623.46 |
| 68 | Steel Edging | 841.00 | Ea | \$ | 23.23 | \$ | 19,540.21 |
| 69 | Turf Restoration | 1.00 | Ea | \$ | 11,197.69 | \$ | 11,197.69 |
| 70 | Automatic Underground Irrigation System | 1.00 | LSUM | \$ | 23,276.46 | \$ | 23,276.46 |
| 71 | Crew Days | | Cday | \$ | 800.00 | | no bid* |

*See qualifications for explanation

TOTAL BID AMOUNT (ITEM 1-71 incl.): \$ 1,945,340

SUBMITTED on: March 13, 2023

Date*

39555 Orchard Hill Pl, Ste 235

Street*

Novi, MI 48375

City, State, ZIP*

248-533-2897

Telephone Number*

BY: DeAngelis Diamond Construction

Name of Bidder*



Signature*

David Kovalik - Division Manager/VP

Name and Title of Signatory*

Facsimile Number*

*Typed or printed in ink



Proposal



D & D Water & Sewer, Inc.

5700 Sheldon Rd S

Canton, MI 48188

Contact: Mark DiMichele, PE

Phone: 734-368-2375

Fax: 734-397-8486

Quote To: City of Novi
Aaron Staup

Job Name: Novi Splash Pad

Date of Plans:

Proposal Date: 3/8/2023

Revision Date: Rev 2 Sub Plastic for K Copper

Phone:

Fax:

| ITEM | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|--------------------|---|----------|------|------------|------------------|
| 1 | 2in Water Service Curb Stop to Building 2in PL | 357.00 | LF | 27.00 | 9,639.00 |
| 2 | 2 in Water Service and Tap Bored under Beck Rd PL | 100.00 | LF | 40.00 | 4,000.00 |
| 3 | 4" PVC San Service | 58.00 | LF | 35.00 | 2,030.00 |
| 4 | 6" PVC San Service | 364.00 | LF | 60.00 | 21,840.00 |
| 5 | 4ft Diameter Manhole | 1.00 | EA | 8,000.00 | 8,000.00 |
| 6 | Connect to Existing Manhole Drop Connection | 1.00 | EA | 3,000.00 | 3,000.00 |
| 7 | Restoration Topsoil and Seed | 1.00 | ALOW | 4,000.00 | 4,000.00 |
| GRAND TOTAL | | | | | 52,509.00 |

Splashpad Timeline –

September 27, 2021- Starr Family proposes to City Council raising \$400,000 to construct splash pad in Jessica Starr's honor

February 7, 2022- Council sets goal of constructing splash pad at Bosco by July 4, 2023

April 6, 2022- Council budget meeting. 1.5 million allocated to fund construction

April 25, 2022- Splashpad aquatic features and filter system approved to order

May 9, 2022- Council approves FY 22/23 budget

May 23, 2022- Engineering design services awarded to OHM Advisors for design of Jessica's Splash Pad

July 1, 2022- FY 22/23 begins

June-November 2022- site and building design including mechanical, electrical, utility connections, landscape, architectural, review by Community Development team, etc.

October 2022- Splashpad aquatic features and filter system received and stored at DPW

November 4, 2022- 65% plans reviewed

December 21, 2022- application for permit submitted to EGLE

February 27, 2023- pre-bid meeting held

March 6, 2023- permit received from EGLE allowing construction to proceed

March 13, 2023- bids received and opened

April 5, 2023- bid approval (tentative) by Council