

# BOSCO FIELDS SPLASH PAD LOCATION MAP

## Proposed Splash Pad Location



**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



0 130 260 520  
 FEET  
 1 INCH = 250 FEET

### 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 | <b>\$2,033,372.82</b> |
| Reliance Building Company      | <b>\$2,311,406.00</b> |

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, reading "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                |
|              | 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 heterolepsis, 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                |
|    |                                                                                                   |          |      |              |                       |             |                       |              |                    |
|    | <b>TOTAL BID AMOUNT (ITEM 1-68 Incl.):</b>                                                        |          |      | <sup>2</sup> | <b>\$2,033,372.82</b> |             | <b>\$2,311,406.00</b> | <sup>1</sup> | <b>\$48,312.00</b> |
|    |                                                                                                   |          |      |              |                       |             |                       |              |                    |
|    | <b>Corrections</b>                                                                                |          |      |              |                       |             |                       |              |                    |
|    | <sup>1</sup> Multiplication Error Line Item 24 Corrected                                          |          |      |              |                       |             |                       |              |                    |
|    | <sup>2</sup> 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 |
|-------------------------|---------------------------------|--------|------|-------------------------------------------|-------------|
| <b>Category 1 - All</b> |                                 |        |      |                                           |             |
| 1                       | Mobilization, Max 5%            | 1.00   | LSUM | \$ _____                                  | \$ _____    |
| 2                       | Earth Excavation & Grading      | 1.00   | LSUM | \$ _____                                  | \$ _____    |
| 3                       | Splash Pad Installation         | 1.00   | LSUM | <b>See attached breakdown for prices.</b> |             |
| 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  | See attached breakdown for prices. |             |
| 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    | See attached breakdown for prices. |             |
| 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   | \$                                 | \$          |



| Item No. | Item Description                                       | Qty    | Unit | Unit Price                         | Total Price |
|----------|--------------------------------------------------------|--------|------|------------------------------------|-------------|
| 36       | Acer rubrum, 3 inch                                    | 6.00   | Ea   | \$ _____                           | \$ _____    |
| 37       | Liriodendron 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 verticillata '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 heterolepis, 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 folgiata '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   |
|-------------------------|------------------------------------------------------|----------|------|--------------------|---------------|
| <b>Category 1 - All</b> |                                                      |          |      |                    |               |
| 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                      | Liriodendron 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 opulifolius '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

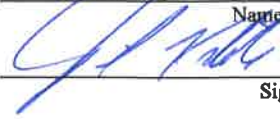
City, State, ZIP\*

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         |
| <b>GRAND TOTAL</b> |                                                   |          |      |            | <b>52,509.00</b> |