



CITY of NOVI CITY COUNCIL

Agenda Item 1
September 28, 2015

SUBJECT: Approval to award a construction contract for the Eight Mile Road Pathway (between Beck and Garfield) to Merlo Construction, the low bidder, in the amount of \$460,669, subject to final review and approval of form of agreement by City Manager's office and the City Attorney.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *BTC RA*

CITY MANAGER APPROVAL: *[Signature]*

| | |
|-----------------------------|--|
| EXPENDITURE REQUIRED | \$ 460,669 (Base Bid and Alternate 1) |
| AMOUNT BUDGETED | \$ 572,326 |
| LINE ITEM NUMBER | 204-204.00-974.423 |

BACKGROUND INFORMATION:

The purpose of this project is to construct an 8-foot wide pathway along the north side of Eight Mile Road between Beck Road and the crosswalk located west of the Garfield Road and Eight Mile Road intersection to complete the pathway gaps in this area. The existing segments of pathway along the frontage of Maybury Park Estates and Tuscan Reserve would remain in place with minor modifications to meet Americans with Disability Act (ADA) requirements. The attached map shows the location of the proposed pathway.

The project was bid as a base bid and two alternates. The base bid includes the construction of all pathway segments along the north side of Eight Mile Road, except across the frontage of the proposed Ballantyne subdivision (which is Alternate 1) and the proposed Dunhill Park subdivision (which is Alternate 2). The alternates were included to give flexibility at the time of award should there be movement toward developing one or both of the sites or if the bid prices exceed the budget.

Six bids were received and opened on September 17, 2015 following a public bid solicitation period. Merlo Construction was the low bidder, and after review of Merlo's bid it is recommended as being in the best interest of the City as it is responsive (i.e., Merlo has complied with all requirements of the bidding instructions) and the unit prices are in-line with the engineer's estimate. Merlo has successfully worked as a subcontractor on various City projects over the years. (Spalding DeDecker's award recommendation letter including the bid tabulation dated September 21, 2015 is attached). A summary of the bid received is as follows:

| Contractor | Bid Price (including Crew Days)* | Alternate 1 (including Crew Days)* | Alternate 2 (including Crew Days)* | Total Bid Price (including Crew Days)* |
|---------------------------|--|--|--|--|
| Merlo Construction | \$454,872.25 | \$23,077.00 | \$175,506.00 | \$653,455.25 |
| Fonson | 560,218.50 | 20,058.83 | 216,850.00 | 797,127.33 |
| Audia | 538,427.00 | 28,709.00 | 233,433.00 | 799,569.00 |
| Koala-T | 632,514.70 | 35,825.60 | 283,975.50 | 952,315.20 |
| Anglin | 727,139.25 | 51,289.00 | 302,085.25 | 1,072,568.50 |
| Bidigare | 772,164.00 | 38,014.00 | 340,052.00 | 1,150,230.00 |

* Crew Days are included to compare bids, but are not included in the award.

The budget for this project is \$572,326, of which \$30,000 was previously awarded for design engineering and \$47,223 is being considered elsewhere on this agenda for construction engineering, leaving \$495,046 available for construction. In order to construct the base bid and both alternates, an additional \$152,000 would need to be allocated. Staff is recommending the award of Alternate 1 (Ballantyne frontage sidewalk) and the base bid at this time. Singh, the developer of Ballantyne, has indicated that although there is an approved site plan for the project, there are no immediate plans to construct the development. Given the uncertainty of when this connection to the Eight Mile crosswalk would be constructed and the minimal cost to complete Alternate 1, staff is recommending it be awarded at this time.

Alternative 2 is costly to construct because of poor soils in the area. The Dunhill Park development will be appearing in front of Planning Commission on September 30 for consideration of a concept plan. Since development of the sidewalk along the frontage of the proposed development is costly and development may occur within a year, staff is not recommending award of Alternate 2 at this time. If it is later determined that the Dunhill Park development will not occur, alternate 2 could be awarded as a change order in the future.

It is anticipated that this project will commence this fall and would be completed by summer 2016.

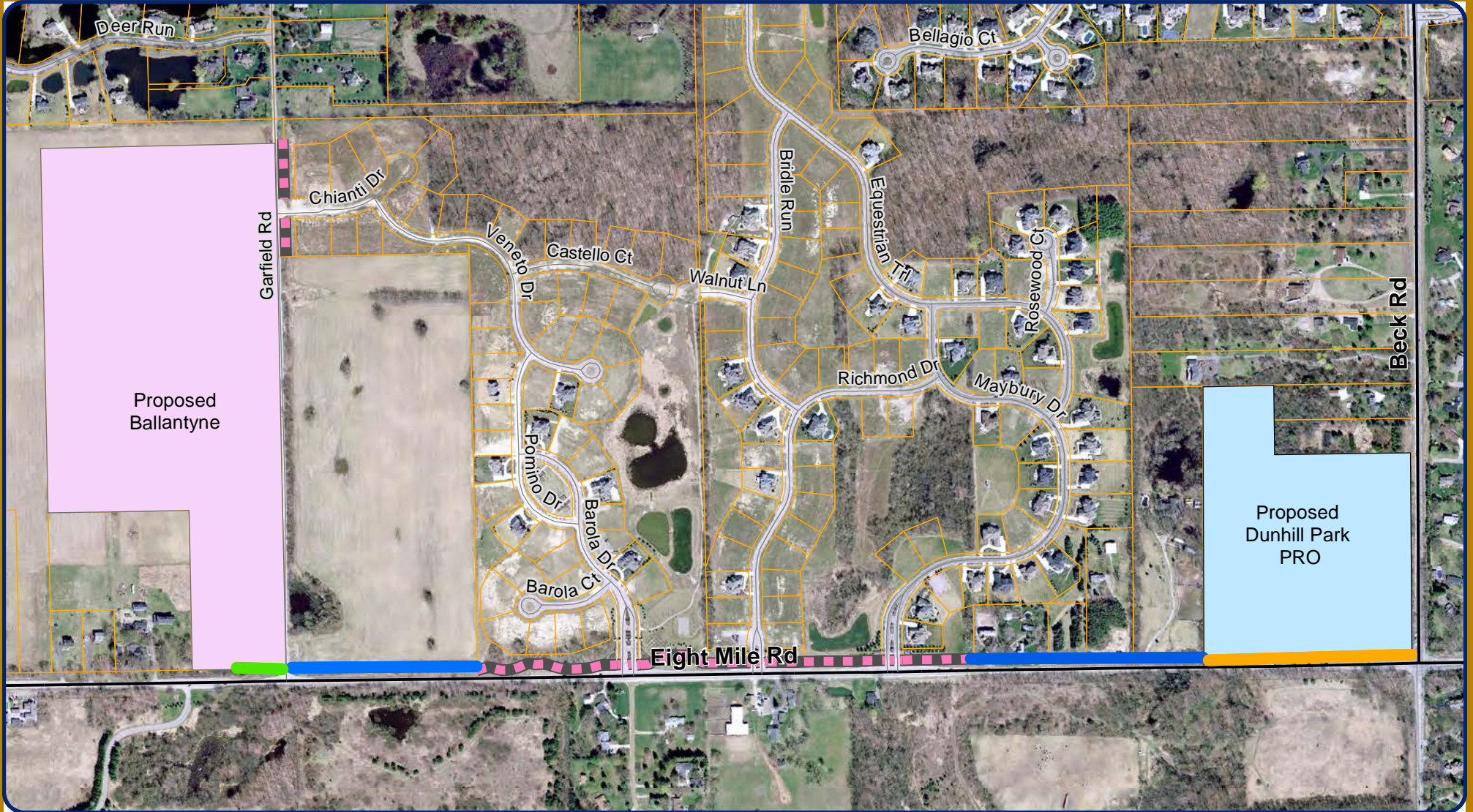
RECOMMENDED ACTION: Approval to award a construction contract for the Eight Mile Road Pathway (between Beck and Garfield) to Merlo Construction, the low bidder, in the amount of \$460,669, subject to final review and approval of form of agreement by City Manager’s office and the City Attorney.

| | 1 | 2 | Y | N |
|-------------------------------|---|---|---|---|
| Mayor Gatt | | | | |
| Mayor Pro Tem Staudt | | | | |
| Council Member Casey | | | | |
| Council Member Markham | | | | |

| | 1 | 2 | Y | N |
|-------------------------------|---|---|---|---|
| Council Member Mutch | | | | |
| Council Member Poupard | | | | |
| Council Member Wrobel | | | | |

Eight Mile Road Pathway

Base Bid with Alternates







Map Author: Coburn
 Date: 9/21/15
 Project:
 Version #:

Amended By:
 Date:
 Department:

MAP INTERPRETATION NOTICE

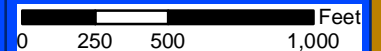
Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate 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.

Legend

-  Alternate_2
-  Alternate_1
-  Base_Bid
-  Existing Pathway



City of Novi
 Engineering Division
 Department of Public Services
 26300 Lee BeGole Drive
 Novi, MI 48375
cityofnovi.org



 **SPALDING DEDECKER**
Engineering & Surveying Excellence since 1954

September 21, 2015

Mr. Benjamin Croy, PE, Civil Engineer
City of Novi
26300 Lee BeGole Drive
Novi, Michigan 48375

Re: **Recommendation for Award**
8 Mile Road Pathway
SDA Project No.: Job No NV14004

Dear Mr. Croy:

On September 17, 2015 at 2:00 p.m., construction bids were opened and publicly read at the City of Novi Civic Center for the 8 Mile Road Pathway project. The project includes placement of concrete pathway along the north side of 8 Mile Road between Garfield Road and Beck Road.

The City Clerk's office received six (6) sealed bids for this project, with each bidder considered to be responsive having submitted a bid compliant with all requirements. The apparent low bidder, Merlo Construction Co. submitted a total bid (including alternates 1 and 2) of \$653,455.25. Following the bid opening, Spalding DeDecker reviewed all of the bids received, verified the calculations, and prepared the bid tabulation for the project (attached). Based on a review of experience and references provided, Spalding DeDecker finds that Merlo Construction Co. is qualified to perform the required construction.

It is our recommendation that the project be awarded to the low bidder, Merlo Construction Co., for the 8 Mile Road Pathway project for one of the following scopes:

Base Bid in the amount of \$440,152.25 (Total bid of \$454,872.25 minus \$14,720.00 for crew days.)

Base Bid plus Alternate 1 in the amount of \$460,669.25 (Total bid of \$477,949.25 minus \$17,280.00 for crew days.)

Base Bid plus Alternates 1 and 2 in the amount of \$627,855.25 (Total bid of \$653,455.25 minus \$25,600.00 for crew days.)

Upon award by the City Council, our office will coordinate the completion of the Contract Agreement, Bonds, and Insurance information with Merlo Construction Co.

Sincerely,
SPALDING DEDECKER



Edward Strada, PE
Project Manager

BID TABULATION - 8 MILE ROAD PATHWAY
CITY OF NOVI

6 Bids received, opened 7/18/15

Project No. NV
 By: TER
 Reviewed: ES

| BASE BID | | | | Merlo Construction | | Fonson | | Audia | |
|----------|---|----------|------|--------------------|-------------|-----------------|-------------|-----------------|-------------|
| No | ITEM | QUANTITY | UNIT | UNIT PRICE (\$) | AMOUNT (\$) | UNIT PRICE (\$) | AMOUNT (\$) | UNIT PRICE (\$) | AMOUNT (\$) |
| 1 | Bonds, Insurance & Mobilization (5% max) | 1 | LS | \$22,000.00 | 22,000.00 | \$22,750.00 | 22,750.00 | \$14,000.00 | 14,000.00 |
| 2 | Pre Construction Audio/Visual DVD Coverage | 1 | LS | \$1,500.00 | 1,500.00 | \$885.00 | 885.00 | \$2,500.00 | 2,500.00 |
| 3 | Soil Erosion and Sedimentation Control Measures | 1 | LS | \$1,000.00 | 1,000.00 | \$13,700.00 | 13,700.00 | \$7,000.00 | 7,000.00 |
| 4 | Temporary Traffic Control Devices | 1 | LS | \$3,500.00 | 3,500.00 | \$21,000.00 | 21,000.00 | \$6,000.00 | 6,000.00 |
| 5 | Tree Protection Fencing (As Needed) | 100 | LF | \$15.00 | 1,500.00 | \$2.40 | 240.00 | \$8.00 | 800.00 |
| 6 | Construction Protection Fencing - Orange | 415 | LF | \$3.00 | 1,245.00 | \$4.70 | 1,950.50 | \$8.00 | 3,320.00 |
| 7 | Clearing and Grubbing | 20 | STA | \$575.00 | 11,500.00 | \$750.00 | 15,000.00 | \$1,000.00 | 20,000.00 |
| 8 | Remove Tree, (8"-18"), Complete | 2 | EA | \$300.00 | 600.00 | \$250.00 | 500.00 | \$700.00 | 1,400.00 |
| 9 | Remove Tree, (19"-36"), Complete | 1 | EA | \$1,000.00 | 1,000.00 | \$775.00 | 775.00 | \$1,500.00 | 1,500.00 |
| 10 | Sidewalk, Remove | 365 | SF | \$3.00 | 1,095.00 | \$1.60 | 584.00 | \$2.00 | 730.00 |
| 11 | Concrete Curb and Gutter, Remove | 17 | LF | \$16.00 | 272.00 | \$16.00 | 272.00 | \$15.00 | 255.00 |
| 12 | HMA Driveway, Remove | 92 | SY | \$12.00 | 1,104.00 | \$11.00 | 1,012.00 | \$25.00 | 2,300.00 |
| 13 | Culv, End, Rem, Less than 24 Inch | 1 | EA | \$175.00 | 175.00 | \$155.00 | 155.00 | \$400.00 | 400.00 |
| 14 | Sewer, Rem, Less than 24 Inch | 208 | LF | \$30.00 | 6,240.00 | \$26.00 | 5,408.00 | \$15.00 | 3,120.00 |
| 15 | Excavation, Peat | 1,850 | CY | \$28.00 | 51,800.00 | \$32.00 | 59,200.00 | \$30.00 | 55,500.00 |
| 16 | Subgrade Undercut (As Needed) | 600 | CY | \$36.00 | 21,600.00 | \$74.00 | 44,400.00 | \$36.00 | 21,600.00 |
| 17 | Pathway Grading | 13 | STA | \$1,300.00 | 16,900.00 | \$5,500.00 | 71,500.00 | \$2,500.00 | 32,500.00 |
| 18 | Backfill, Swamp | 650 | CY | \$33.00 | 21,450.00 | \$30.00 | 19,500.00 | \$20.00 | 13,000.00 |
| 19 | Embankment, CIP | 280 | CY | \$12.00 | 3,360.00 | \$13.80 | 3,864.00 | \$18.00 | 5,040.00 |
| 20 | Regrade Ditch | 820 | LF | \$20.00 | 16,400.00 | \$13.70 | 11,234.00 | \$10.00 | 8,200.00 |
| 21 | Culv End Sect, Conc, 12 Inch, Complete | 6 | EA | \$600.00 | 3,600.00 | \$1,290.00 | 7,740.00 | \$800.00 | 4,800.00 |
| 22 | Culv End Sect, Conc, 18 Inch, Complete | 1 | EA | \$725.00 | 725.00 | \$1,880.00 | 1,880.00 | \$950.00 | 950.00 |
| 23 | Sewer C76 CL IV, 12 Inch, Tr A | 328 | LF | \$50.00 | 16,400.00 | \$32.00 | 10,496.00 | \$90.00 | 29,520.00 |
| 24 | Dr Structure, 48 Inch Dia, Low Head | 2 | EA | \$2,300.00 | 4,600.00 | \$2,130.00 | 4,260.00 | \$3,300.00 | 6,600.00 |
| 25 | Dr Structure Cover, EJ1040 Type N | 2 | EA | \$565.00 | 1,130.00 | \$640.00 | 1,280.00 | \$550.00 | 1,100.00 |
| 26 | Str Rehab Type 1: Point Up Structure | 1 | EA | \$125.00 | 125.00 | \$370.00 | 370.00 | \$480.00 | 480.00 |
| 27 | Str Rehab Type 2: Structure Cover Adjust | 1 | EA | \$325.00 | 325.00 | \$670.00 | 670.00 | \$820.00 | 820.00 |
| 28 | Str Rehab Type 3: Reconstruct Structure | 1 | EA | \$300.00 | 300.00 | \$1,600.00 | 1,600.00 | \$1,200.00 | 1,200.00 |
| 29 | Capillary Break | 1,190 | SY | \$22.00 | 26,180.00 | \$21.50 | 25,585.00 | \$34.00 | 40,460.00 |
| 30 | Aggregate Base, 6 Inch, Limestone | 2,430 | SY | \$9.50 | 23,085.00 | \$14.10 | 34,263.00 | \$13.00 | 31,590.00 |
| 31 | HMA Driveway, Complete | 194 | SY | \$100.00 | 19,400.00 | \$65.00 | 12,610.00 | \$55.00 | 10,670.00 |
| 32 | Sidewalk, Conc, 4 Inch | 16,395 | SF | \$4.00 | 65,580.00 | \$4.00 | 65,580.00 | \$5.80 | 95,091.00 |
| 33 | Sidewalk, Conc, 4 Inch, Colored | 480 | SF | \$6.00 | 2,880.00 | \$10.00 | 4,800.00 | \$18.00 | 8,640.00 |
| 34 | ADA Ramp, Conc, 6 Inch | 110 | SF | \$4.50 | 495.00 | \$10.50 | 1,155.00 | \$12.00 | 1,320.00 |
| 35 | ADA Detectable Warning Plate | 14 | SF | \$40.00 | 560.00 | \$40.00 | 560.00 | \$45.00 | 630.00 |
| 36 | Concrete Curb and Gutter, Modified | 17 | LF | \$30.00 | 510.00 | \$50.00 | 850.00 | \$38.00 | 646.00 |
| 37 | Composite Pedestrian Railing (As Needed) | 50 | LF | \$40.00 | 2,000.00 | \$45.00 | 2,250.00 | \$110.00 | 5,500.00 |
| 38 | Remove and Relocate Lamp Pole | 1 | EA | \$2,000.00 | 2,000.00 | \$880.00 | 880.00 | \$1,000.00 | 1,000.00 |
| 39 | Modular Block Retaining Wall | 825 | FSF | \$39.00 | 32,175.00 | \$37.00 | 30,525.00 | \$45.00 | 37,125.00 |
| 40 | Shrub Planting - Ludwig Spaeth Lilac | 20 | EA | \$235.00 | 4,700.00 | \$75.00 | 1,500.00 | \$150.00 | 3,000.00 |
| 41 | Shrub Planting - Smooth Hydrangea | 35 | EA | \$210.00 | 7,350.00 | \$75.00 | 2,625.00 | \$150.00 | 5,250.00 |
| 42 | Wetland Edge Seed Mix and Mulch Blanket | 1,230 | SY | \$17.25 | 21,217.50 | \$4.00 | 4,920.00 | \$8.00 | 9,840.00 |

| | | | | | | | | | |
|----------------------------|-----------------------|----------|-----|-------------|---------------------|-------------|---------------------|-------------|---------------------|
| 43 | Class "A" Sodding | 355 | SY | \$7.25 | 2,573.75 | \$8.00 | 2,840.00 | \$10.00 | 3,550.00 |
| 44 | Restoration | 1 | LS | \$11,000.00 | 11,000.00 | \$17,500.00 | 17,500.00 | \$18,000.00 | 18,000.00 |
| 45 | Permit Allowance | 1 | LS | \$7,000.00 | 7,000.00 | \$3,950.00 | 3,950.00 | \$1,000.00 | 1,000.00 |
| 46 | Inspection Crew Days* | \$640.00 | DAY | 23.00 | 14,720.00 | 40.00 | 25,600.00 | 32.00 | 20,480.00 |
| SUBTOTAL - BASE BID | | | | | \$454,872.25 | | \$560,218.50 | | \$538,427.00 |

| ALTERNATE 1: STA 153-50 TO GARFIELD ROAD | | | | Merlo Construction | | Fonson | | Audia | |
|--|---|----------|------|--------------------|----------------------|-----------------|--------------------|-----------------|--------------------|
| No | ITEM | QUANTITY | UNIT | UNIT PRICE (\$) | AMOUNT (\$) | UNIT PRICE (\$) | AMOUNT (\$) | UNIT PRICE (\$) | AMOUNT (\$) |
| 47 | Bonds, Insurance & Mobilization (5% max) | 1 | LS | \$1,000.00 | 1,000.00 | \$1,000.00 | 1,000.00 | \$1,000.00 | 1,000.00 |
| 48 | Pre Construction Audio/Visual DVD Coverage | 1 | LS | \$750.00 | 750.00 | \$1,050.00 | 1,050.00 | \$900.00 | 900.00 |
| 49 | Soil Erosion and Sedimentation Control Measures | 1 | LS | \$2,000.00 | 2,000.00 | \$580.00 | 580.00 | \$600.00 | 600.00 |
| 50 | Temporary Traffic Control Devices | 1 | LS | \$2,500.00 | 2,500.00 | \$650.00 | 650.00 | \$1,500.00 | 1,500.00 |
| 51 | Clearing and Grubbing | 1 | STA | \$575.00 | 575.00 | \$750.00 | 750.00 | \$1,000.00 | 1,000.00 |
| 52 | Remove Tree, (8"-18"), Complete | 4 | EA | \$300.00 | 1,200.00 | \$250.00 | 1,000.00 | \$700.00 | 2,800.00 |
| 53 | Remove Tree, (19"-36"), Complete | 1 | EA | \$1,000.00 | 1,000.00 | \$775.00 | 775.00 | \$1,500.00 | 1,500.00 |
| 54 | Concrete Curb and Gutter, Remove | 17 | LF | \$16.00 | 272.00 | \$15.99 | 271.83 | \$15.00 | 255.00 |
| 55 | Pathway Grading | 1 | STA | \$1,300.00 | 1,300.00 | \$2,000.00 | 2,000.00 | \$2,500.00 | 2,500.00 |
| 56 | Aggregate Base, 6 Inch, Limestone | 170 | SY | \$9.50 | 1,615.00 | \$14.10 | 2,397.00 | \$13.00 | 2,210.00 |
| 57 | Sidewalk, Conc, 4 Inch | 1,060 | SF | \$4.00 | 4,240.00 | \$4.00 | 4,240.00 | \$5.80 | 6,148.00 |
| 58 | ADA Ramp, Conc, 6 Inch | 110 | SF | \$4.50 | 495.00 | \$10.50 | 1,155.00 | \$12.00 | 1,320.00 |
| 59 | ADA Detectable Warning Plate | 14 | SF | \$40.00 | 560.00 | \$40.00 | 560.00 | \$45.00 | 630.00 |
| 60 | Concrete Curb and Gutter, Modified | 17 | LF | \$30.00 | 510.00 | \$50.00 | 850.00 | \$38.00 | 646.00 |
| 61 | Restoration | 1 | LS | \$2,500.00 | 2,500.00 | \$1,500.00 | 1,500.00 | \$2,500.00 | 2,500.00 |
| 62 | Inspection Crew Days* | \$640.00 | DAY | 4 | 2,560.00 | 2 | 1,280.00 | 5 | 3,200.00 |
| SUBTOTAL - ALTERNATE 1 | | | | | * \$23,077.00 | | \$20,058.83 | | \$28,709.00 |

| ALTERNATE 2: STA 198+42 TO BECK ROAD | | | | Merlo Construction | | Fonson | | Audia | |
|--------------------------------------|---|----------|------|--------------------|-------------|-----------------|-------------|-----------------|-------------|
| No | ITEM | QUANTITY | UNIT | UNIT PRICE (\$) | AMOUNT (\$) | UNIT PRICE (\$) | AMOUNT (\$) | UNIT PRICE (\$) | AMOUNT (\$) |
| 63 | Bonds, Insurance & Mobilization (5% max) | 1 | LS | \$7,000.00 | 7,000.00 | \$5,500.00 | 5,500.00 | \$4,000.00 | 4,000.00 |
| 64 | Pre Construction Audio/Visual DVD Coverage | 1 | LS | \$600.00 | 600.00 | \$375.00 | 375.00 | \$960.00 | 960.00 |
| 65 | Soil Erosion and Sedimentation Control Measures | 1 | LS | \$1,500.00 | 1,500.00 | \$2,000.00 | 2,000.00 | \$3,000.00 | 3,000.00 |
| 66 | Temporary Traffic Control Devices | 1 | LS | \$3,200.00 | 3,200.00 | \$8,000.00 | 8,000.00 | \$2,200.00 | 2,200.00 |
| 67 | Construction Protection Fencing - Orange | 165 | LF | \$3.00 | 495.00 | \$4.70 | 775.50 | \$8.00 | 1,320.00 |
| 68 | Clearing and Grubbing | 9 | STA | \$575.00 | 5,175.00 | \$750.00 | 6,750.00 | \$1,000.00 | 9,000.00 |
| 69 | Remove Tree, (8"-18"), Complete | 9 | EA | \$300.00 | 2,700.00 | \$250.00 | 2,250.00 | \$700.00 | 6,300.00 |
| 70 | Remove Tree, (19"-36"), Complete | 5 | EA | \$1,000.00 | 5,000.00 | \$775.00 | 3,875.00 | \$1,500.00 | 7,500.00 |
| 71 | Fence, Rem | 80 | LF | \$1.50 | 120.00 | \$5.00 | 400.00 | \$15.00 | 1,200.00 |
| 72 | Culv, End, Rem, Less than 24 Inch | 1 | EA | \$175.00 | 175.00 | \$150.00 | 150.00 | \$400.00 | 400.00 |
| 73 | Excavation, Peat | 935 | CY | \$28.00 | 26,180.00 | \$35.00 | 32,725.00 | \$30.00 | 28,050.00 |
| 74 | Pathway Grading | 5 | STA | \$1,300.00 | 6,500.00 | \$6,240.00 | 31,200.00 | \$2,500.00 | 12,500.00 |
| 75 | Backfill, Swamp | 330 | CY | \$33.00 | 10,890.00 | \$30.00 | 9,900.00 | \$20.00 | 6,600.00 |
| 76 | Embankment, CIP | 158 | CY | \$12.00 | 1,896.00 | \$14.00 | 2,212.00 | \$18.00 | 2,844.00 |
| 77 | Regrade Ditch | 265 | LF | \$20.00 | 5,300.00 | \$14.00 | 3,710.00 | \$10.00 | 2,650.00 |
| 78 | Culv End Sect, Conc, 18 Inch, Complete | 3 | EA | \$775.00 | 2,325.00 | \$1,880.00 | 5,640.00 | \$950.00 | 2,850.00 |
| 79 | Sewer C76 CL IV, 18 Inch, Tr A | 301 | LF | \$55.00 | 16,555.00 | \$42.00 | 12,642.00 | \$110.00 | 33,110.00 |

| | | | | | | | | | |
|-------------------------------|---|----------|-----|------------|---------------------|-------------|---------------------|------------|---------------------|
| 80 | Dr Structure, 48 Inch Dia, Low Head | 1 | EA | \$2,300.00 | 2,300.00 | \$2,120.00 | 2,120.00 | \$3,300.00 | 3,300.00 |
| 81 | Dr Structure, 60 Inch Dia, Low Head | 1 | EA | \$2,600.00 | 2,600.00 | \$2,880.00 | 2,880.00 | \$5,000.00 | 5,000.00 |
| 82 | Dr Structure Cover, EJ1040 Type N | 2 | EA | \$565.00 | 1,130.00 | \$640.00 | 1,280.00 | \$550.00 | 1,100.00 |
| 83 | Capillary Break | 665 | SY | \$22.00 | 14,630.00 | \$21.50 | 14,297.50 | \$34.00 | 22,610.00 |
| 84 | Aggregate Base, 6 Inch, Limestone | 1080 | SY | \$9.50 | 10,260.00 | \$14.10 | 15,228.00 | \$13.00 | 14,040.00 |
| 85 | Sidewalk, Conc, 4 Inch | 7555 | SF | \$4.00 | 30,220.00 | \$4.00 | 30,220.00 | \$5.80 | 43,819.00 |
| 86 | Wetland Edge Seed Mix and Mulch Blanket | 460 | SY | \$17.25 | 7,935.00 | \$4.00 | 1,840.00 | \$8.00 | 3,680.00 |
| 87 | Restoration | 1 | LS | \$2,500.00 | 2,500.00 | \$10,000.00 | 10,000.00 | \$8,000.00 | 8,000.00 |
| 88 | Inspection Crew Days* | \$640.00 | DAY | 13 | 8,320.00 | 17 | 10,880.00 | 10 | 6,400.00 |
| SUBTOTAL - ALTERNATE 2 | | | | | \$175,506.00 | | \$216,850.00 | | \$232,433.00 |

TOTAL BASE BID AND ALTERNATES 1&2

\$653,455.25 *

\$797,127.33

\$799,569.00

Other Bids Received: Koala-T \$952,315.20
 Anglin \$1,055,328.50 *
 Bidigare \$1,150,230.00



* Calculation error corrected: Bid order was not effected.

BID
for
8 MILE ROAD PATHWAY
(GARFIELD ROAD TO BECK ROAD)

Bid of MELLO CONSTRUCTION CO. hereinafter called Bidder,
organized and existing under the laws of or a resident of the State of Michigan, doing business as
MELLO CONSTRUCTION CO. *

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 or 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 |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

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:

BASE BID: GARFIELD ROAD TO STA 198+42

| Item No. | Ref Spec | Item Description | Qty | Unit | Unit Price | Total Price |
|----------|----------|---|-----|------|------------|-------------|
| 1 | 02.02 | Bonds, Insurance & Mobilization (5% max) | 1 | LS | 22000.00 | 22000.00 |
| 2 | 02.02 | Pre Construction Audio/Visual DVD Coverage | 1 | LS | 1500.00 | 1500.00 |
| 3 | 30.13 | Soil Erosion and Sedimentation Control Measures | 1 | LS | 1000.00 | 1000.00 |
| 4 | 30.14 | Temporary Traffic Control Devices | 1 | LS | 3500.00 | 3500.00 |
| 5 | 30.15 | Tree Protection Fencing (As Needed) | 100 | LF | 15.00 | 1500.00 |



| | | | | | | |
|----|-------|--|--------|-----|------------------------------|------------------------------------|
| 6 | 30.16 | Construction Protection Fencing - Orange | 415 | LF | 3.00 | 1245.00 |
| 7 | 30.17 | Clearing and Grubbing | 20 | STA | 575.00 | 11500.00 |
| 8 | 30.18 | Remove Tree, (8"-18"), Complete | 2 | EA | 300.00 | 600.00 |
| 9 | 30.18 | Remove Tree, (19"-36"), Complete | 1 | EA | 1000.00 | 1000.00 |
| 10 | 30.19 | Sidewalk, Remove | 365 | SF | 3.00 | 1095.00 |
| 11 | 30.20 | Concrete Curb and Gutter, Remove | 17 | LF | 16.00 | 272.00 |
| 12 | 30.21 | HMA Driveway, Remove | 92 | SY | 12.00 | 1104.00 |
| 13 | M203 | Culv, End, Rem, Less than 24 Inch | 1 | EA | 175.00 | 175.00 |
| 14 | M203 | Sewer, Rem, Less than 24 Inch | 208 | LF | 30.00 | 6240.00 |
| 15 | M205 | Excavation, Peat | 1,850 | CY | 28.00 | 51800.00 |
| 16 | 30.22 | Subgrade Undercut (As Needed) | 600 | CY | 36.00 ^{6"} 37.00 | 21600.00 ^{6"} 21450.00 |
| 17 | 30.23 | Pathway Grading | 13 | STA | 1300.00 | 16900.00 |
| 18 | M205 | Backfill, Swamp | 650 | CY | 33.00 | 21450.00 |
| 19 | M205 | Embankment, CIP | 280 | CY | 12.00 | 3360.00 |
| 20 | 02.06 | Regrade Ditch | 820 | LF | 20.00 | 16400.00 |
| 21 | 30.24 | Culv End Sect, Conc, 12 Inch, Complete | 6 | EA | 600.00 | 3600.00 |
| 22 | 30.24 | Culv End Sect, Conc, 18 Inch, Complete | 1 | EA | 725.00 | 725.00 |
| 23 | M402 | Sewer C76 CL IV, 12 Inch, Tr A | 328 | LF | 50.00 | 16400.00 |
| 24 | 30.25 | Dr Structure, 48 Inch Dia, Low Head | 2 | EA | 2300.00 | 4600.00 |
| 25 | M403 | Dr Structure Cover, EJ1040 Type N | 2 | EA | 565.00 | 1130.00 |
| 26 | 30.26 | Str Rehab Type 1: Point Up Structure | 1 | EA | 125.00 | 125.00 |
| 27 | 30.27 | Str Rehab Type 2: Structure Cover Adjust | 1 | EA | 325.00 | 325.00 |
| 28 | 30.28 | Str Rehab Type 3: Reconstruct Structure | 1 | EA | 300.00 | 300.00 |
| 29 | 30.29 | Capillary Break | 1,190 | SY | 22.00 | 26180.00 |
| 30 | 30.30 | Aggregate Base, 6 Inch, Limestone | 2,430 | SY | 9.50 | 23085.00 |
| 31 | 30.31 | HMA Driveway, Complete | 194 | SY | 100.00 | 19400.00 |
| 32 | 30.32 | Sidewalk, Conc, 4 Inch | 16,395 | SF | 4.00 | 65580.00 |
| 33 | 30.33 | Sidewalk, Conc, 4 Inch, Colored | 480 | SF | 6.00 | 2880.00 |



| | | | | | | |
|----------------------------|-------|--|-------|-----|----------------------|----------|
| 34 | 30.34 | ADA Ramp, Conc, 6 Inch | 110 | SF | 4.50 | 495.00 |
| 35 | 30.35 | ADA Detectable Warning Plate | 14 | SF | 40.00 | 560.00 |
| 36 | 30.36 | Concrete Curb and Gutter, Modified | 17 | LF | 30.00 | 510.00 |
| 37 | 30.37 | Composite Pedestrian Railing (As Needed) | 50 | LF | 40.00 | 2000.00 |
| 38 | 30.38 | Remove and Relocate Lamp Pole | 1 | EA | 2000.00 | 2000.00 |
| 39 | 30.39 | Modular Block Retaining Wall | 825 | FSF | 39.00 | 32175.00 |
| 40 | 30.40 | Shrub Planting - Ludwig Spaeth Lilac | 20 | EA | 235.00 | 4700.00 |
| 41 | 30.40 | Shrub Planting - Smooth Hydrangea | 35 | EA | 210.00 | 7350.00 |
| 42 | 30.41 | Wetland Edge Seed Mix and Mulch Blanket | 1,230 | SY | 17.25 | 21217.50 |
| 43 | 2.00 | Class "A" Sodding | 355 | SY | 7.25 | 2573.75 |
| 44 | 30.42 | Restoration | 1 | LS | 11000.00 | 11000.00 |
| 45 | 30.11 | Permit Allowance | 1 | LS | 7000.00 | 7000.00 |
| 46 | 30.43 | Inspection Crew Days | 23 | DAY | \$640.00 | 14720.00 |
| SUB-TOTAL BASE BID: | | | | | \$ 454,872.25 | |

ALTERNATE 1: STA 153+50 TO GARFIELD ROAD

| Item No. | Ref Spec | Item Description | Qty | Unit | Unit Price | Total Price |
|----------|----------|---|-------|------|------------|-------------|
| 46 | 02.02 | Bonds, Insurance & Mobilization (5% max) | 1 | LS | 1000.00 | 1000.00 |
| 47 | 02.02 | Pre Construction Audio/Visual DVD Coverage | 1 | LS | 750.00 | 750.00 |
| 48 | 30.13 | Soil Erosion and Sedimentation Control Measures | 1 | LS | 2000.00 | 2000.00 |
| 49 | 30.14 | Temporary Traffic Control Devices | 1 | LS | 2500.00 | 2500.00 |
| 50 | 30.17 | Clearing and Grubbing | 1 | STA | 575.00 | 575.00 |
| 51 | 30.18 | Remove Tree, (8"-18"), Complete | 4 | EA | 300.00 | 1200.00 |
| 52 | 30.18 | Remove Tree, (19"-36"), Complete | 1 | EA | 1000.00 | 1000.00 |
| 53 | 30.20 | Concrete Curb and Gutter, Remove | 17 | LF | 16.00 | 272.00 |
| 54 | 30.23 | Pathway Grading | 1 | STA | 1300.00 | 1300.00 |
| 55 | 30.30 | Aggregate Base, 6 Inch, Limestone | 170 | SY | 9.50 | 1615.00 |
| 56 | 30.32 | Sidewalk, Conc, 4 Inch | 1,060 | SF | 4.00 | 4240.00 |
| 57 | 30.34 | ADA Ramp, Conc, 6 Inch | 110 | SF | 4.50 | 495.00 |



| | | | | | | |
|-------------------------------|-------|------------------------------------|----|-----|---------------------|---------|
| 58 | 30.35 | ADA Detectable Warning Plate | 14 | SF | 40.00 | 560.00 |
| 59 | 30.36 | Concrete Curb and Gutter, Modified | 17 | LF | 30.00 | 510.00 |
| 60 | 30.42 | Restoration | 1 | LS | 2500.00 | 2500.00 |
| 61 | 30.43 | Inspection Crew Days | 4 | DAY | \$640.00 | 2560.00 |
| SUB-TOTAL ALTERNATE 1: | | | | | \$ 23,677.00 | |

ALTERNATE 2: STA 198+42 TO BECK ROAD

| Item No. | Ref Spec | Item Description | Qty | Unit | Unit Price | Total Price |
|----------|----------|---|-----|------|------------|-------------|
| 63 | 02.02 | Bonds, Insurance & Mobilization (5% max) | 1 | LS | 7000.00 | 7000.00 |
| 63 | 02.02 | Pre Construction Audio/Visual DVD Coverage | 1 | LS | 600.00 | 600.00 |
| 64 | 30.13 | Soil Erosion and Sedimentation Control Measures | 1 | LS | 1500.00 | 1500.00 |
| 65 | 30.14 | Temporary Traffic Control Devices | 1 | LS | 3200.00 | 3200.00 |
| 66 | 30.16 | Construction Protection Fencing - Orange | 165 | LF | 3.00 | 495.00 |
| 67 | 30.17 | Clearing and Grubbing | 9 | STA | 575.00 | 5175.00 |
| 68 | 30.18 | Remove Tree, (8"-18"), Complete | 9 | EA | 300.00 | 2700.00 |
| 69 | 30.18 | Remove Tree, (19"-36"), Complete | 5 | EA | 1000.00 | 5000.00 |
| 70 | M204 | Fence, Rem | 80 | LF | 1.50 | 120.00 |
| 71 | M203 | Culv, End, Rem, Less than 24 Inch | 1 | EA | 175.00 | 175.00 |
| 72 | M205 | Excavation, Peat | 935 | CY | 28.00 | 26180.00 |
| 73 | 30.23 | Pathway Grading | 5 | STA | 1300.00 | 6500.00 |
| 74 | M205 | Backfill, Swamp | 330 | CY | 33.00 | 10890.00 |
| 75 | M205 | Embankment, CIP | 158 | CY | 12.00 | 1896.00 |
| 76 | 02.06 | Regrade Ditch | 265 | LF | 20.00 | 5300.00 |
| 77 | 30.24 | Culv End Sect, Conc, 18 Inch, Complete | 3 | EA | 775.00 | 2325.00 |
| 78 | M402 | Sewer C76 CL IV, 18 Inch, Tr A | 301 | LF | 55.00 | 16555.00 |
| 79 | 30.25 | Dr Structure, 48 Inch Dia, Low Head | 1 | EA | 2300.00 | 2300.00 |
| 80 | 30.25 | Dr Structure, 60 Inch Dia, Low Head | 1 | EA | 2600.00 | 2600.00 |
| 81 | M403 | Dr Structure Cover, EJ1040 Type N | 2 | EA | 565.00 | 1130.00 |
| 82 | 30.29 | Capillary Break | 665 | SY | 22.00 | 14630.00 |



| | | | | | | |
|-------------------------------|-------|---|-------|-----|-----------|-------------------|
| 83 | 30.30 | Aggregate Base, 6 Inch, Limestone | 1,080 | SY | 9.50 | 10260.00 |
| 84 | 30.32 | Sidewalk, Conc, 4 Inch | 7,555 | SF | 4.00 | 30220.00 |
| 85 | 30.41 | Wetland Edge Seed Mix and Mulch Blanket | 460 | SY | 17.25 | 7935.00 |
| 86 | 30.42 | Restoration | 1 | LS | 2500.00 | 2500.00 |
| 87 | 30.43 | Inspection Crew Days | 13 | DAY | \$640.00 | 8320.00 |
| SUB-TOTAL ALTERNATE 2: | | | | | \$ | 175,506.00 |

| | | | | | | |
|--|--|--|--|--|-----------|-------------------|
| TOTAL BASE BID PLUS ALTERNATES 1 AND 2: | | | | | \$ | 653,985.25 |
|--|--|--|--|--|-----------|-------------------|

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 to Substantial Completion within 60 calendar days, and to Final Completion, including restoration and all punch list items, within 75 calendar days.**

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 Six Hundred Dollars (\$600.00) 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.

SUBMITTED on 9-16-15
Date*

Telephone Number*

248-714-5486 248-714-5429

MELLO CONSTRUCTION

Facsimile Number*

Street*

4964 TECHNICAL DR.

City, State, ZIP*

*Typed or printed in ink.

MILFORD, MI 48381



BY: MELLO CONSTRUCTION Co.
Name of Bidder*

[Handwritten Signature]
Signature

Ray Mello Vice President
Name and Title of Signatory*



BIDDER'S QUALIFICATION AND EXPERIENCE STATEMENT

The OWNER will require supporting evidence regarding Bidder's Qualifications and competency. The Bidder will be required to furnish all of the applicable information listed below, which must be submitted with the sealed Bid at the time of Bid Opening. The Qualifications and Experience Statement must be typewritten and signed in ink.

A fill-in-the blank version of this form is available for your convenience on the City of Novi's website (www.cityofnovi.org) under Forms & Permits/Engineering.

QUALIFICATIONS AND EXPERIENCE STATEMENT

The undersigned certifies under oath that the information provided herein is true and sufficiently complete so as not to be misleading.

Submitted to: CITY OF NOVI / DEPARTMENT OF PUBLIC SERVICES

Address: 26300 LEE BEGOLD DRIVE NOVI MICH. 48375

Submitted by: GARY WATERS

Name: MELLO CONSTRUCTION CO.

Address: 4964 TECHNICAL DR.

City, State, ZIP MILFORD MICH. 48381

Telephone Number: 248-714-5486 Fax Number: 248-714-5249

Principal Office: SAME

Corporation: Joint Venture: _____

Partnership: _____ Other: _____

Individual: _____

Name of Project: 8 MILE PATHWAY GARFIELD TO BECK RD.

Type of Work (file separate form for each classification of work):

General: Underground: _____

HMA: _____ Concrete: _____

Other: _____ (Please Specify)



Organization

How many years has your organization been in business as a CONTRACTOR?

24 yes.

How many years has your organization been in business under its present business name?

24 yes.

Under what other business names has your organization operated?

If your organization is a corporation, answer the following:

Date of Incorporation: 1991

State of Incorporation: MICHIGAN

President's Name: PERRY MELLO

Vice President's Name: Ray Mello

Secretary's Name: CHRISTINE KOUTOUK

Treasurer's Name: Perry Mello

If your organization is a partnership, answer the following:

Date of Organization: _____

Type of Partnership: _____

Names of General Partners: _____

If your organization is individually owned, answer the following:

Date of Organization: _____

Name of OWNER: _____

If the form of your organization is other than those listed above, describe it and name the principals:



Licensing

List jurisdictional and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable:

MICH. RESIDENTIAL BLD LICENSE
2102102302

List jurisdiction in which your organization's partnership or trade name is filed:

Experience

List the categories of work that your organization normally performs with its own forces:

UNDERGROUND UTILITIES
EXCAVATION
CONCRETE

On a separate sheet, list major construction projects your organization has in progress. List the name of project, owner, architect/engineer, contract amount, percent complete, and scheduled completion date.

On a separate sheet, list the major construction projects your organization has completed in the past five (5) years. List the name of the project, owner, architect/engineer, contract amount, date of completion, and percentage of the cost of the work performed with your own forces.

On a separate sheet, list the construction experience and present commitments of the key individuals of your organization who would be employed in the Work.

Claims and Suits

If the answer to any of the questions below is yes, please attach details.

Has your organizations ever failed to complete any work awarded to it? NO

Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or officers? NO



Has the City of Novi filed a claim on any contract within the prior three years which asserted that your organization:

1) failed to perform as required by the contract?

YES NO

2) completed contracted work in an untimely manner causing delays and interference;

YES NO

3) lacked financial resources and the ability to satisfactorily perform the contract or provide the services or supplies;

YES NO

4) exhibited poor quality of performance or completed work under the contract;

YES NO

5) failed to comply with laws and ordinances relating to the contract performance;

YES NO

6) defaulted on its quotations or prices;

YES NO

References

| Entity | Contact Name | Phone |
|-------------------------|--------------|--------------|
| <i>Trade References</i> | | |
| 1. HD Supply | TY JOHNSON | 734-398-5950 |
| 2. SUPERIOR MATERIALS | JOHN WARNER | 248-788-8000 |
| 3. PIEDMONT CONC | DAYE | 248-474-7740 |
| <i>Bank References</i> | | |
| 1. PNC BANK | DARA | 248-932-0846 |
| 2. | | |
| 3. | | |
| <i>Surety</i> | | |
| GUY HURLEY | | |



Name of Bonding Company: GREAT AMERICAN

Name of Bonding Agent: GUY HULLAY

Address of Bonding Agent: 1080 KIRTS BLYD STE 500
TROY MICH. 48064 248-519-4400

SUBMITTED on 9-16-15
Date*

BY: MERLO CONSTRUCTION Co.
Name of Bidder*

Ray Merlo
Signature

RAY MERLO Vice President
Name and Title of Signatory*

*Typed or printed in ink.

Raymond Merto being duly sworn deposes and says that the information provided herein is true and sufficiently complete so as not to be misleading.

Subscribed and sworn before me this 16 day of September 2015.

Notary Public: Christine L Kotoucek

My Commission Expires: 3-6-17

IF THIS INFORMATION IS NOT SUBMITTED WITH THE SEALED BID AT THE TIME OF BID, THE BID WILL BE CONSIDERED INCOMPLETE.

CHRISTINE L. KOTUCEK
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES MAR 6, 2017
ACTING IN COUNTY OF Oakland



Past Projects

Major Construction Projects Last Five Years

| Project | Owner | Contract Amount | Completion Date | Percentage Performed |
|---------------------------|--------------|------------------------|------------------------|-----------------------------|
| Fed EX | Fed Ex | \$4.5 Million | 6/15/2013 | 100% |
| Plymouth Scholars Academy | Plymouth | \$1.2 Million | 8/25/2013 | 100% |
| Fort Custer | US Govnt | \$ 800,000.00 | 9/20/2011 | 100% |
| Macomb Mall | Macomb | \$ 889,500.00 | 1/30/2015 | 100% |
| | | | | |

Current Projects

Major construction projects currently ongoing for 2015

| <u>Project</u> | <u>Owner</u> | <u>Engineer</u> | <u>Contract Amount</u> | <u>Percentage we perform</u> |
|----------------|--------------|-----------------|------------------------|------------------------------|
| Eberspacher | Corrigan | | \$958,500.00 | 100% |
| Dicks Sporting | Dicks | Kieft Eng. | \$414,500.00 | 100% |
| Charles Drew | DTC | Giffels Web | \$201,000.00 | 100% |
| M-1 Rail | MDOT | Mannik Smith | \$728,323.00 | 100% |

This list consists of the "major" projects Merlo Construction has in progress.

Merlo Construction Key Individuals

| Employee | Experience | Position |
|-----------------|-------------------|-----------------|
| Ray Merlo | 34 Years | Owner/Estimator |
| Gary Watters | 41 Years | Estimator/PM |
| Brian Gustin | 13 Years | Superntendant |
| David Crosby | 36 Years | PM |
| | | |