



CITY OF NOVI CITY COUNCIL
APRIL 17, 2023

SUBJECT: Consideration of approval to award the construction contract to Cadillac Asphalt, LLC, the low bidder, for the Industrial Road Rehabilitation project, in the amount of \$2,223,748.76, and amend the budget.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 2,223,748.76
AMOUNT BUDGETED	\$ 764,815.00 FY 2022-23 Budget \$ 1,867,890.00 FY 2023-24 Budget \$ 2,632,705.00 Total
APPROPRIATION REQUIRED	\$ 300,000.000
LINE ITEM NUMBER	202-449.20-975.248

BACKGROUND INFORMATION:

City staff identified roads for repair in the Beck North Corporate Park and the Beck West Industrial Park (both zoned for light and/or general industrial activity). The project was designed to include a base bid (Magellan Dr and Humboldt Dr) and two alternate bids (Hudson Dr and Desoto/Peary/Ryan Cts) in case of high bid prices. The low bid came in within 0.4% of the Engineer's Estimate, so staff recommends awarding the base bid and both alternate bids.

AECOM assisted the Engineering Division with developing engineering design plans for the project. The plans were advertised for public bids on March 1, 2023. Four (4) bids were received and opened on March 29, 2023, following the solicitation period. Cadillac Asphalt, LLC, 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) *
Cadillac Asphalt, LLC	\$ 2,319,748.76
Pro-Line Asphalt Paving Corp.	\$ 2,431,991.00
Ajax Paving	\$ 2,948,493.00
Best Asphalt, Inc.	\$ 3,108,160.00

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

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. Construction will occur this summer.

AECOM		
Contract Administration	2.75% of the construction award (\$2,223,748.78 X 0.0275)	\$ 61,153.09
Crew Days	\$800 daily inspection fee x 120 days	\$ 96,000.00

Geotech		
Material testing services	1.9% of the construction award (\$2,223,748.78 X 0.019)	\$ 42,251.23

RECOMMENDED ACTION: Approval to award the construction contract to Cadillac Asphalt, LLC, the low bidder, for the Industrial Road Rehabilitation project, in the amount of \$2,223,748.76, and amend the budget.

RESOLUTION

NOW, THEREFORE BE IT RESOLVED that the following Budget Amendment for the construction contract to Cadillac Asphalt, LLC, the low bidder, for the Industrial Road Rehabilitation project is authorized:

	INCREASE (DECREASE)
MAJOR STREET FUND	
APPROPRIATIONS	
Capital Outlay	300,000
TOTAL APPROPRIATIONS	<u>\$ 300,000</u>
Net Increase (Decrease) to Fund Balance	<u><u>\$ (300,000)</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 17, 2023.

Cortney Hanson
City Clerk

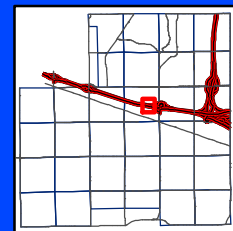
Industrial Road Rehabilitation Program



Map Author: Runkel
 Date: 5/25/22
 Project: Industrial Rd Rehab
 Version #: 1.0

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.

- Roads Proposed for Base Bid
- Roads Proposed for Alternate Bid
- Municipal Boundary



City of Novi

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





March 31, 2023
Mr. Ben Croy, PE
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
Industrial Roads Rehabilitation
AECOM Project Number 60689152

Dear Mr. Croy:

Attached is the Bid Tabulation for the above referenced project. Four bids were received and opened on March 29, 2023, although one of the bidders did not attend the mandatory pre-bid meeting and therefore was not in consideration. They were not the lowest bid, so it did not impact the award. Competition appears to have been good. Mathematical errors were noted in the lowest and fourth highest bidders. The errors did not impact the order of the bidders.

The low bid for the base bid work is lower than the Engineer's Estimate for the Project, but the two alternate bids were higher than the Engineer's Estimate for the Project. Excluding Crew Days, the combined bid for the base bid and two alternate bids was only 0.4% higher than the Engineer's Estimate for the Project.

Cadillac Asphalt LLC, the low bidder for the project, has completed similar projects for the city and has performed well. The bonding company listed in the Statement of Qualifications has an AM Best rating that exceeds the minimum requirements.

We recommend award of contract for the contract work to Cadillac Asphalt LLC for the Base Bid, Alternate Bid 1, and Alternate Bid 2 for \$2,223,748.76. The amount bid for Inspection (Crew Days) is not included in the award amount.

Please feel free to contact me if you need anything else or wish to discuss the project.

Sincerely,

A handwritten signature in blue ink, which appears to read "Sean Kelsch".

Sean Kelsch, P.E.
Project Manager

cc: Mark Koskinen, AECOM

BID
Industrial Roads Rehabilitation

Bid of CADILLAC ASPHALT LLC hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as CADILLAC ASPHALT LLC *.

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.
 1
 2

Addendum Date
 3-3-23
 3-10-23

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 – Magellan Drive & Humboldt Dr					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
1	Mobilization, Max 10% (Base)	LS	1	\$ 94,000.00	\$ 94,000.00
4	Pre-Construction Audio-Visual (Base)	LS	1	\$ 1600.00	\$ 1600.00
7	Cold Milling Conc Pavt	Syd	14,418	\$ 5.25	\$ 75,694.50
8	Cold Milling HMA Surface	Syd	256	\$ 23.87	\$ 6110.72
9	Pavt, Rem	Syd	1,488	\$ 20.00	\$ 29760.00
10	HMA Surface, Rem	Syd	238	\$ 20.00	\$ 4760.00
11	Curb and Gutter, Rem	Ft	977	\$ 37.00	\$ 36,149.00
12	Pavt Repr, Rem	Syd	150	\$ 55.00	\$ 8250.00
13	Excavation, Earth	Cyd	468	\$ 36.00	\$ 16848.00
14	Joint Repair	Ft	12,250	\$ 1.00	\$ 12,250.00
15	Erosion Control, Silt Fence	Ft	1,000	\$ 4.00	\$ 4000.00

Base Bid – Magellan Drive & Humboldt Dr					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
16	Erosion Control, Inlet Protection, Fabric Drop	Ea	24	\$ 250.00	\$ 6000.00
17	Conc Curb	Ft	2,888	\$ 36.00	\$ 103,968.00
18	HMA, 4EML	Ton	1,769	\$ 116.46	\$ 206,017.74
19	HMA, 5EML	Ton	447	\$ 165.47	\$ 73,965.09
20	Geosynthetic Paving Fabric	Syd	14,418	\$ 5.39	\$ 77,713.02
21	Hand Patching	Ton	590	\$ 75.00	\$ 44,250.00
22	Driveway, Nonreinf Conc, 9 inch	Syd	1,133	\$ 86.00	\$ 97,438.00
23	Pavt Repr, Nonreinf Conc, 6 inch	Syd	150	\$ 55.00	\$ 8,250.00
24	Aggregate Base, 21AA, Limestone, 8 inch	Syd	2,096	\$ 23.00	\$ 48,208.00
25	Dr Structure Cover, Adj, Case 1	Ea	21	\$ 655.00	\$ 13,755.00
26	DPS Structure Cover, Adj, Case 1	Ea	5	\$ 775.00	\$ 3,875.00
27	Point Up Drainage Structure	Ea	22	\$ 175.00	\$ 3,850.00
28	Reconstruct Drainage Structure	Ft	10	\$ 200.00	\$ 2,000.00
29	Dr Structure Cover, Type C	Ea	3	\$ 740.00	\$ 2,220.00
30	Permanent Pavement Markings (Base)	LS	1	\$ 5500.00	\$ 5500.00
32	Maintaining Traffic (Base)	LS	1	\$ 29,760.00	\$ 29,760.00
35	Surface Restoration (Base)	LS	1	\$ 7500.00	\$ 7500.00
38	Crew Days (Base)	Day	48	\$800.00	\$38,400.00
Total Base Bid:				\$ 1,062,092.17	

Bid Alternate 1 – Peary Ct, Ryan Ct & Desoto Ct					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
2	Mobilization, Max 10% (Alt 1)	LS	1	\$ 55000.00	\$ 55000.00
5	Pre-Construction Audio-Visual (Alt 1)	LS	1	\$ 1500.00 1600.00	\$ 1500.00 1600.00
7	Cold Milling Conc Pavt	Syd	7,623	\$ 5.25	\$ 40,020.75
8	Cold Milling HMA Surface	Syd	51	\$ 23.87	\$ 1,217.37
9	Pavt, Rem	Syd	807	\$ 20.00	\$ 16,140.00

Bid Alternate 1 – Peary Ct, Ryan Ct & Desoto Ct					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
10	HMA Surface, Rem	Syd	20	\$ 2000	\$ 400.00
11	Curb and Gutter, Rem	Syd	1,390	\$ 37.00	\$ 51,430.00
12	Pavt Repr, Rem	Syd	75	\$ 55.00	\$ 4,125.00
13	Excavation, Earth	Cyd	270	\$ 36.00	\$ 9,720.00
14	Joint Repair	Ft	5,050	\$ 1.00	\$ 5,050.00
15	Erosion Control, Silt Fence	Ft	500	\$ 4.00	\$ 2,000.00
16	Erosion Control, Inlet Protection, Fabric Drop	Ea	12	\$ 250.00	\$ 3,000.00
17	Conc Curb	Ft	2,126	\$ 36.00	\$ 76,536.00
18	HMA, 4EML	Ton	922	\$ 116.46	\$ 107,376.12
19	HMA, 5EML	Ton	241	\$ 165.47	\$ 39,878.27
20	Geosynthetic Paving Fabric	Syd	7,623	\$ 5.39	\$ 41,087.97
21	Hand Patching	Ton	244	\$ 75.00	\$ 18,300.00
22	Driveway, Nonreinf Conc, 9 inch	Syd	721	\$ 86.00	\$ 62,006.00
23	Pavt Repr, Nonreinf Conc, 6 inch	Syd	75	\$ 55.00	\$ 4,125.00
24	Aggregate Base, 21AA, Limestone, 8 inch	Syd	1,213	\$ 23.00	\$ 27,899.00
25	Dr Structure Cover, Adj, Case 1	Ea	12	\$ 655.00	\$ 7,860.00
26	DPS Structure Cover, Ajd, Case 1	Ea	2	\$ 775.00	\$ 1,550.00
27	Point Up Drainage Structure	Ea	14	\$ 175.00	\$ 2,450.00
28	Reconstruct Drainage Structure	Ft	4	\$ 200.00	\$ 800.00
29	Dr Structure Cover, Type C	Ea	4	\$ 740.00	\$ 2,960.00
33	Maintaining Traffic (Alt 1)	LS	1	\$ 27,500.00	\$ 27,500.00
36	Surface Restoration (Alt 1)	LS	1	\$ 55,000.00	\$ 55,000.00
39	Crew Days (Alt 1)	Day	36	\$ 800.00	\$ 28,800.00
Total Bid Alternate 1 – Peary Ct, Ryan Ct & Desoto Ct				\$	644,231.48

644,331.48

Bid Alternate 2 – Hudson Dr					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
3	Mobilization, Max 10% (Alt 2)	LS	1	\$ 60,000.00	\$ 60,000.00
6	Pre-Construction Audio-Visual (Alt 2)	LS	1	\$ 1600.00	\$ 1600.00
7	Cold Milling Conc Pavt	Syd	8,200	\$ 5.25	\$ 43050.00
8	Cold Milling HMA Surface	Syd	16	\$ 23.87	\$ 381.92
9	Pavt, Rem	Syd	451	\$ 20.00	\$ 9020.00
10	HMA Surface, Rem	Syd	40	\$ 20.00	\$ 800.00
11	Curb and Gutter, Rem	Syd	1,443	\$ 37.00	\$ 53,391.00
12	Pavt Repr, Rem	Syd	80	\$ 55.00	\$ 4400.00
13	Excavation, Earth	Cyd	199	\$ 36.00	\$ 7164.00
14	Joint Repair	Ft	5,450	\$ 1.00	\$ 5450.00
15	Erosion Control, Silt Fence	Ft	500	\$ 4.00	\$ 2000.00
16	Erosion Control, Inlet Protection, Fabric Drop	Ea	16	\$ 250.00	\$ 4000.00
17	Conc Curb	Ft	1,443	\$ 36.00	\$ 51948.00
18	HMA, 4EML	Ton	992	\$ 116.46	\$ 115488.64
19	HMA, 5EML	Ton	251	\$ 165.47	\$ 41532.97
20	Geosynthetic Paving Fabric	Syd	8,200	\$ 5.39	\$ 44198.00
21	Hand Patching	Ton	263	\$ 75.00	\$ 19725.00
22	Driveway, Nonreinf Conc, 9 inch	Syd	387	\$ 86.00	\$ 33282.00
23	Pavt Repr, Nonreinf Conc, 6 inch	Syd	80	\$ 55.00	\$ 4400.00
24	Aggregate Base, 21AA, Limestone, 8 inch	Syd	893	\$ 23.00	\$ 20539.00
25	Dr Structure Cover, Adj, Case 1	Ea	14	\$ 655.00	\$ 9170.00
26	DPS Structure Cover, Adj, Case 1	Ea	1	\$ 775.00	\$ 775.00
27	Point Up Drainage Structure	Ea	14	\$ 175.00	\$ 2450.00
28	Reconstruct Drainage Structure	Ft	4	\$ 200.00	\$ 800.00
29	Dr Structure Cover, Type C	Ea	5	\$ 740.00	\$ 3700.00
31	Permanent Pavement Markings (Alt 2)	LS	1	\$ 7500.00	\$ 7500.00
34	Maintaining Traffic (Alt 2)	LS	1	\$ 30220.00	\$ 30220.00

Bid Alternate 2 – Hudson Dr					
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
37	Surface Restoration (Alt 2)	LS	1	\$ 7500.00	\$ 7500.00
40	Crew Days (Alt 2)	Day	36	\$800.00	\$ 28800.00
Total Bid Alternate 2 – Hudson Dr				\$	613,285.53