



CITY of NOVI CITY COUNCIL

**Agenda Item 4
August 14, 2017**

SUBJECT: Approval to award a construction contract for the Meadowbrook Road Settlement project to Fonson Company, the low-bidder, in the amount of \$171,206.40 subject to final review and approval of the form and agreement by the City Manager's office and the City Attorney.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *GDM*

CITY MANAGER APPROVAL: *[Signature]*

EXPENDITURE REQUIRED	\$ 171,206.40
AMOUNT BUDGETED	\$ 18,075.00 (FY 2016-17 Budget Rollover) \$ 677,771.00 (FY 2017-18 Budget) \$ 695,846.00 Total Budget
LINE ITEM NUMBER	202-202.00-865.173

BACKGROUND INFORMATION:

There is a portion of Meadowbrook Road between Twelve Mile and Thirteen Mile Roads (just south of Burroughs Ave., along the MSU Tollgate Farm property) that has noticeable pavement deflection due to a structural issue with the underlying soils. The proposed project will implement the recommendations of the geotechnical report, which includes the removal of the pavement and reconstructing the entire section of the roadway that has deflected.

AECOM (URS Corporation-Great Lakes) assisted City staff to develop the engineering plans for this project. The plans were advertised for public bid on July 12, 2017. Three bids were received and opened on August 2, 2017 following the solicitation period. The low bidder was Fonson Company. Their bid is being recommended as being in the best interest of the City as it is responsive and complies with all of the requirements of the bidding instructions. The award recommendation letter including the bid tab is attached.

A summary of the bid follows:

Contractor	Base Bid (including Crew Days)*
Fonson Company	\$187,206.40
Springline Excavating	\$209,509.00
Pro-Line Asphalt Paving	\$225,983.85

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

It is anticipated that this project will be substantially complete by the fall of 2017 with final completion and restoration by the late fall of 2017.

RECOMMENDED ACTION: Approval to award a construction contract for the Meadowbrook Road Settlement project to Fonson Company, the low-bidder, in the amount of \$171,206.40 subject to final review and approval of the form and agreement by the City Manager's office and the City Attorney.

Meadowbrook Road Reconstruction

Location Map



Project Area

Meadowbrook Rd


Map Author: J. Mathias
Date: 6/24/17

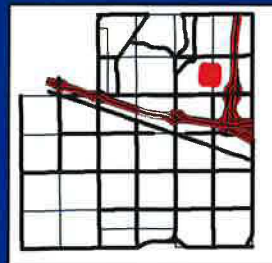
Amended By:
Date:
Department:

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

 Roadway Reconstruction



City of Novi

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

Feet
0 40 80 160 240

1 inch = 208 feet





August 04, 2017

Mr. Joey Mathias
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
Meadowbrook Road Reconstruction
AECOM Project Number 60547640

Dear Mr. Mathias:

Attached is the Bid Tabulation for the above referenced project. Three bids were received and opened. This bid was less than the Engineer's Estimate. The following irregularity was noted in the bids:

There total bid for Springline Excavating, LLC, added up to \$191,509.00 rather than the \$209,509.00 shown in the submitted bid documents. This did not affect the apparent low bidder or the order of the three bids that were received.

The low bidder, Fonson Company, Inc., has successfully completed similar projects in Novi, Brighton, and Monroe County for the Michigan Department of Transportation. We also contacted references and they have performed satisfactorily on these projects. The bonding company listed in the Statement of Qualifications (Hylant Group, Inc., Lisa Wilmot is the agent) has a rating that exceeds the minimum requirements.

We recommend award of the contract to Fonson Company, Inc., for the Bid Amount, excluding crew day costs, of \$171,206.40.

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

Sincerely,

Sean Kelsch, P.E.
Project Manager

cc: George D. Melistas, City of Novi
Mark Koskinen, AECOM

City of Novi
Meadowbrook Road Reconstruction
Bid Tabulation
 6/28/21

Item No.	Item Description	Unit	As Directed	Road	Total	Engineer's Estimate			Fonseca Company			Sprinkle Estimating			Pre-Line Asphalt Paving		
						Unit Price (\$)	Total Cost	Unit Price (\$)	Total Cost Base Bid	Unit Price (\$)	Total Cost	Unit Price (\$)	Total Cost				
1	Mobilization (10%)	LSUM	1			15,715.14	15,715.14	17,500.00	17,500.00	2,000.00	2,000.00	20,000.00	20,000.00				
2	Pre-Construction Audio-Visual	LSUM	1			1,000.00	1,000.00	765.00	765.00	1,200.00	1,200.00	800.00	800.00				
3	Remove HMA Surface	Syd	764			5.00	3,820.00	7.90	6,035.60	10.00	7,640.00	14.00	10,696.00				
4	Curb and Gutter, Rein	Syd	400			19.00	7,600.00	37.65	15,060.00	30.00	12,000.00	70.00	28,000.00				
5	Subwall, Rein	Syd	8			8.00	64.00	94.00	752.00	30.00	240.00	120.00	960.00				
6	Roadway Grading	Sys	2			3,000.00	6,000.00	6,770.00	13,540.00	7,700.00	15,400.00	8,900.00	17,800.00				
7	Subgrade Undercutting, Type II	Cyd	100			50.00	5,000.00	25.00	2,500.00	32.00	3,200.00	10.00	1,000.00				
8	S&I Fence	Fl	400			2.00	800.00	3.75	1,500.00	3.00	1,200.00	3.00	1,200.00				
9	Curb and Gutter Inlet Pile	EA	2			150.00	300.00	110.00	220.00	150.00	300.00	100.00	200.00				
10	Trench 17X5 Geopipe	Syd	658			8.00	5,264.00	5.75	3,783.50	4.00	2,632.00	5.50	3,619.00				
11	Geosynthetic Paving Fabric	Syd	538			8.00	4,304.00	11.00	5,918.00	10.00	5,380.00	10.50	5,649.00				
12	6A Storm, 12 inch, for Stabilization	Syd	838			18.00	15,084.00	28.00	23,464.00	20.00	16,760.00	25.00	20,950.00				
13	Aggregate Base, 21AA Limestone, 6 inch	Syd	194			10.00	1,940.00	18.00	3,492.00	10.00	1,940.00	25.00	4,850.00				
14	Aggregate Base, 21AA Limestone, 10 inch	Syd	682			13.00	8,866.00	17.10	11,653.20	15.00	10,230.00	16.00	11,072.00				
15	Trench Undercut and Backfill	Cyd	25			50.00	1,250.00										
16	Dr Structure, 48 inch dia	EA	1			1,800.00	1,800.00										
17	Dr Structure Cover, Type B	EA	1			750.00	750.00										
18	Dr Structure Cover, Adj, Class 1	EA	1			450.00	450.00										
19	DPW Structure Cover, Adj, Class 1	EA	1			500.00	500.00										
20	Pipe Lip Drainage Structure	EA	1			300.00	300.00										
21	Reconstruct Drainage Structure	Fl	1			200.00	200.00										
22	Underdrain, Subgrade, Open-Graded, 6 inch	Fl	400			12.00	4,800.00	18.00	7,200.00	15.00	6,000.00	20.00	8,000.00				
23	HMA, SE10	Ton	92			150.00	13,800.00	134.00	12,328.00	150.00	13,800.00	160.00	14,400.00				
24	HMA, SE10	Ton	137			150.00	20,550.00	134.00	18,358.00	150.00	20,550.00	160.00	21,960.00				
25	HMA Approach	Ton	14			150.00	2,100.00	134.00	1,876.00	200.00	2,800.00	350.00	4,900.00				
26	Curb and Gutter, Conc, Det C4	Fl	400			20.00	8,000.00	24.00	9,600.00	24.00	9,600.00	26.00	10,400.00				
27	Sidewalk, Conc, 4 inch	SF	68			7.00	482.00	5.00	330.00	5.00	330.00	5.00	330.00				
28	Remove and Replace Decorative Fence	Fl	200			20.00	4,000.00	45.80	9,160.00	35.00	7,000.00	52.00	10,400.00				
29	Barriercap, Type III, High Intensity, Lighted, Furn	EA	13			100.00	1,300.00	65.00	845.00	75.00	975.00	75.00	975.00				
30	Barriercap, Type III, High Intensity, Lighted, Clear	EA	13			8.00	104.00	5.20	67.60	1.00	13.00	1.00	13.00				
31	Characterizing Device, 42 inch, Furn	EA	30			11.64	349.20	11.44	343.20	20.00	600.00	20.00	600.00				
32	Characterizing Device, 42 inch, Clear	EA	30			0.64	19.20	1.04	31.20	1.00	30.00	1.00	30.00				
33	Lighted Arrow, Type C, Furn	EA	2			300.00	760.00	520.00	1,040.00	495.00	990.00	500.00	1,000.00				
34	Lighted Arrow, Type C, Clear	EA	2			30.00	60.00	52.00	104.00	1.00	2.00	1.00	2.00				
35	Minor Traffic Devices	LSUM	1			5,000.00	5,000.00	4,350.00	4,350.00	5,000.00	5,000.00	5,000.00	5,000.00				
36	Pave Mfg, Large, 6 inch or Less Mesh, Rein	Fl	300			0.50	150.00	0.95	285.00	1.00	300.00	5.00	1,500.00				
37	Pave Mfg, Wild Rubble, Type R, Type, 4 inch, White, Ft	Fl	180			3.50	630.00	1.85	333.00	2.00	360.00	2.00	360.00				
38	Pave Mfg, Wet Rubble, Type R, Type, 4 inch, Yellow, Ft	Fl	180			3.50	630.00	1.95	351.00	2.00	360.00	2.00	360.00				
39	Plastic Drum, High Intensity, Furn	EA	20			16.87	337.40	13.52	270.40	20.00	400.00	20.00	400.00				
40	Plastic Drum, High Intensity, Clear	EA	20			0.55	11.00	1.04	20.80	1.00	20.00	1.00	20.00				
41	Sign, Type B, Temp. Prismatic, Furn	SR	985			3.70	3,645.00	3.12	3,073.20	4.00	3,940.00	4.00	3,940.00				
42	Sign, Type B, Temp. Prismatic, Clear	SR	985			0.25	246.25	0.26	256.10	1.00	985.00	0.01	9.85				
43	Sign, Type B, Temp. Prismatic, Special, Furn	SR	100			6.00	600.00	3.50	350.00	6.00	600.00	9.00	900.00				
44	Sign, Type B, Temp. Prismatic, Special, Clear	SR	100			0.40	40.00	0.28	28.00	1.00	100.00	0.01	1.00				
45	Traffic Regulator Control	LSUM	1			10,000.00	10,000.00	500.00	500.00	7,000.00	7,000.00	8,000.00	8,000.00				
46	Portable Type II Barricade, Temp	EA	6			70	420.00	78	468.00	500	3,000.00	200	1,200.00				
47	Sign, Portable, Changeable Message, NTCIP-Compliant, EA	EA	2			300.00	600.00	1300	2,600.00	4000	8,000.00	6000	12,000.00				
48	Sign, Portable, Changeable Message, NTCIP-Compliant, EA	EA	2			750.00	1,500.00	52.00	1,040.00	1.00	2.00	1.00	2.00				
49	Fence, Post-tension	Fl	50			6.00	300.00	6.00	300.00	6.00	300.00	6.00	300.00				
50	Maintenance Genset, LM	Cyd	100			15.00	1,500.00	15.00	1,500.00	42.00	4,200.00	50.00	5,000.00				
51	Pave Mfg, Sprayable Thermoplastic, 4 inch, Yellow	Fl	770			0.90	693.00	1.50	1,155.00	1.50	1,155.00	2.00	1,540.00				
52	Surface Restoration	LSUM	1			5,000.00	5,000.00	4,500.00	4,500.00	6,000.00	6,000.00	3,900.00	3,900.00				
53	Crew Days	Day				640.00	640.00	640.00	640.00	640.00	640.00	640.00	640.00				
	Contingency for Estimate																
						16,781.15	16,781.15	187,343.71	187,343.71	Total Cost	191,888.60	Total Cost	225,493.56				

\$ X,000.00 Indicates Corrected Entry and Total Cost* Indicates Corrected Total

Award Amount (Excludes Crew Days)

\$ 171,205.40