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HUBBELL, ROTH & CLARK, INC.

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EMAIL: info@hrcengr.com

August 17, 2017

City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, Michigan 48309

Attention: Mr. Allan Schneck, P.E., DPS Director

Re: Booster Pumping Station #2 Replacement Project HRC Job No. 20150021
RFP Results & Recommendation of Award

Dear Mr. Schneck:

Hubbell, Roth & Clark, Inc. (HRC) along with City staff reviewed the proposals received on June 8, 2017 for the subject project. There were four (4) responsive and responsible proposals received. The proposals were evaluated and ranked in accordance with the Selection Criteria defined in the request for proposal (RFP). The highest ranking proposal was submitted by Trojan Development Inc. of Oxford, Michigan. Copies of the proposal ranking forms are attached for your reference and distribution.

Trojan Development, Inc. has satisfied the requirements of the specifications and has submitted all of the necessary information in order for the bid proposal to be considered complete and responsive. Trojan Development, Inc. has extensive experience working on similar projects in southeast Michigan, received strong recommendations amongst its references, and has successfully completed previous projects with members of the project team. The review team also met with Trojan Development to further ensure their understanding of the project and the City's expectations.

In addition, Trojan Development has teamed with the Gorman-Rupp Company to provide the packaged booster pumping system. It is our understanding that the City of Rochester Hills Department of Public Services and Engineering Department has had a long and successful history with the Gorman Rupp Company and currently utilizes numerous Gorman Rupp products within the City's infrastructure systems.

Based on the above, we recommend award of the Booster Station #2 Replacement Project construction contract to Trojan Development, Inc. at a total amount of \$1,716,279.29. A copy of the Cost Proposal is attached for your reference and distribution.

We also recommend the City Council authorize the Mayor to sign the contract books when executed by the Contractor and verified by City legal staff. Construction is anticipated to begin in October of 2017 and be completed by the beginning of June 2018.

Mr. Allan Schneck, P.E.
August 17, 2017
HRC Job Number 20150021
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If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Daniel W. Mitchell, P.E.
President



Bradley Shepler, P.E.
Associate

Enclosure

pc: Rochester Hills; Paul Davis, Tracey Balint
HRC; T. Maxwell, K. Chapman, J. Nagle, File

COST PROPOSAL
 BOOSTER PUMPING STATION #2 REPLACEMENT PROJECT
 CITY OF ROCHESTER HILLS
 OAKLAND COUNTY, MICHIGAN

Proposals Due: 06/08/2017
 HRC Job # 20150021

Trojan Development, Inc.
 2260 Metamora Road
 Oxford, MI 48371
 P (248) 628-6200
 F (248) 628-6202

Item	Quantity	Unit Price	Total Cost
<u>ALTERNATE PROPOSAL</u>			
1	Packaged Booster Pumping System & Facility, Complete (11212 & 13125)	1 LS	\$ 1,136,826.59 \$1,136,826.59
2	Mobilization	1 LS	\$ 71,119.00 \$ 71,119.00
3	Color Audio-Video Route Survey	1 LS	\$ 2,100.00 \$ 2,100.00
4	Water Main, 12 inch, w/ Zinc Coating, CL54, W/ Polywrap, Std Backfill	36 lft	\$ 184.50 \$ 6,642.00
5	Water Main, 8 inch, CL54, w/ Polywrap, Sand Backfill	10 lft	\$ 95.00 \$ 950.00
6	Water Main, 16 inch, w/ Zinc Coating, CL54, W/ Polywrap, Sand Backfill	134 lft	\$ 209.55 \$ 28,079.70
7	Ex. 16-inch PCCP to DI Transition Tee	2 ea	\$ 8,690.00 \$ 17,380.00
8	Gate Valve & Well, 12 inch	1 ea	\$ 8,525.00 \$ 8,525.00
9	Gate Valve & Well, 16 inch	4 ea	\$ 13,901.20 \$ 55,604.80
10	Gate Valve & Well, 8 inch	1 ea	\$ 4,690.00 \$ 4,690.00
11	Remove and Salvage 8-inch Valve and Box	1 ea	\$ 1,200.00 \$ 1,200.00
12	Gate Valve, 12 inch, Remove & Cap (15-07-4-607)	1 ea	\$ 2,915.00 \$ 2,915.00
13	Gate Valve, 16 inch, Remove & Cap (15-07-4-604)	1 ea	\$ 3,459.00 \$ 3,459.00
14	Gate Valve, 12 inch, Remove & Cap (15-07-4-652)	1 ea	\$ 2,915.00 \$ 2,915.00
15	Sewer, Fusible PVC SDR 23.5, 6 Inch, HDD	85 lft	\$ 119.80 \$ 10,183.00
16	Service Lead, Complete, 6 inch	30 lft	\$ 169.29 \$ 5,078.70
17	Sewer Tap, 6 inch	1 ea	\$ 950.00 \$ 950.00
18	Maintenance Basin, 24-inch Dia	2 ea	\$ 1,840.00 \$ 3,680.00
19	Sewer, HDPE Corrugated Smooth Line Double Wall, 8 Inch, Std Backfill	63 lft	\$ 25.35 \$ 1,597.05
20	Sewer, HDPE Corrugated Smooth Line Double Wall, 8 Inch, Sand Backfill	24 lft	\$ 25.35 \$ 608.40
21	Underdrain, 6 inch, Special	91 lft	\$ 15.95 \$ 1,451.45

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Item	Quantity	Unit Price	Total Cost
22 Dr Structure, 36 inch, W/ 2' Sump	1 ea	\$ 1,590.00	\$ 1,590.00
23 Dr Structure Cover, EJ, 1050 Z1 Type 03	1 ea	\$ 620.00	\$ 620.00
24 HMA Surface, Rem	165 syd	\$ 8.75	\$ 1,443.75
25 Conc, End Section	1 ea	\$ 496.00	\$ 496.00
26 Sewer, RCP CL IV, 12 inch Std Backfill	210 lft	\$ 35.86	\$ 7,530.60
27 HMA, 5E03, MOD, 2 inch	165 syd	\$ 25.98	\$ 4,286.70
28 HMA, 4E03, MOD, 2 inch	175 syd	\$ 24.98	\$ 4,371.50
29 Aggregate Base, 21AA, Special, 4 inch	480 syd	\$ 15.21	\$ 7,300.80
30 Aggregate Base, 21AA, Special, 6 inch	48 syd	\$ 21.98	\$ 1,055.04
31 Site Grading For Stormwater	1 LS	\$ 7,530.00	\$ 7,530.00
32 Driveway, Nonreinf Conc, Driveway, 9 Inch	48 syd	\$ 144.94	\$ 6,957.12
33 Driveway, Nonreinf Conc, Approach, 6 Inch	188 syd	\$ 67.60	\$ 12,708.80
34 Sidewalk, Conc, 4 Inch	650 sft	\$ 4.60	\$ 2,990.00
35 Gate Well, Adjust	2 ea	\$ 600.00	\$ 1,200.00
36 Structure Adjust	1 ea	\$ 700.00	\$ 700.00
37 Structure, Reconstruct	1 ea	\$ 1,200.00	\$ 1,200.00
38 Water Main, 12 Inch, Abandon	180 lft	\$ 15.55	\$ 2,799.00
39 Water Main, 16 Inch, Abandon	240 lft	\$ 22.90	\$ 5,496.00
40 Abandon Existing BPS Facility	1 LS	\$ 21,250.00	\$ 21,250.00
41 Water Main Connection	3 ea	\$ 2,516.23	\$ 7,548.69
42 Water Main, Connection to Booster Pumping System	2 ea	\$ 7,107.30	\$ 14,214.60
43 Downspout Connection	2 ea	\$ 1,175.00	\$ 2,350.00
44 Packaged Booster Pumping System and Facility Foundation, Complete	1 LS	\$ 61,000.00	\$ 61,000.00
45 DTE Service Extension (Allowance)	1 LS	\$ 16,500.00	\$ 16,500.00
46 Electrical Site Work, Installed	1 LS	\$ 41,863.00	\$ 41,863.00
47 Consumers Energy Service Extension (Allowance)	1 LS	\$ 6,500.00	\$ 6,500.00
48 Gas Site Work, Installed	1 LS	\$ 3,500.00	\$ 3,500.00
49 Property Protection Fence	300 lft	\$ 5.00	\$ 1,500.00
50 Topsoil Surface, Furn, 3 inch, Special	800 syd	\$ 6.50	\$ 5,200.00

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Item	Quantity	Unit Price	Total Cost
51 Seeding, Mixture THM	80 lb	\$ 8.75	\$ 700.00
52 Mulch Blanket	800 syd	\$ 2.45	\$ 1,960.00
53 Soil Erosion and Sedimentation Control	1 LS	\$ 8,132.00	\$ 8,132.00
54 Maintaining Traffic	1 LS	\$ 4,956.00	\$ 4,956.00
55 RCOC Permit (Allowance)	1 LS	\$ 2,500.00	\$ 2,500.00
56 City of Rochester Hills Building Permit (Allowance)	1 LS	\$ 14,375.00	\$ 14,375.00

ALTERNATE PROPOSAL SUBTOTAL COST

\$ 1,650,279.29

ALTERNATE OPTION

1 Gate Valve, 16 inch, Remove & Replace (15-07-4-636)	1 ea	\$ 23,250.00	\$ 23,250.00
2 Gate Valve, 16 inch, Remove & Replace (15-07-4-605)	1 ea	\$ 23,250.00	\$ 23,250.00
3 Gate Valve, 12 inch, Remove & Replace (15-07-4-606)	1 ea	\$ 19,500.00	\$ 19,500.00

ALTERNATE OPTION SUBTOTAL COST

\$ 66,000.00

TOTAL CONSTRUCTION COST

\$ 1,716,279.29

ENGINEER:
 Hubbell, Roth & Clark, Inc.
 555 Hulet Drive
 P.O. Box 824
 Bloomfield Hills, MI 48083-0824