ADDENDUM No. 4

ITB No. 4665

Wheeler Facility Pond Dredging

Bids Due: March 30, 2021 at 10:00 A.M. (Local Time)

The information contained herein shall take precedence over the original documents and all previous addenda (if any) and is appended thereto. This Addendum includes fourteen (14) pages.

Bidder is to acknowledge receipt of this Addendum No. 4, including all attachments (if any) in its Bid by so indicating on page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgment of receipt of this addendum may be considered nonconforming.

The following forms provided within the ITB document should be included in submitted bids:

- City of Ann Arbor Prevailing Wage Declaration of Compliance
- City of Ann Arbor Living Wage Ordinance Declaration of Compliance
- Vendor Conflict of Interest Disclosure Form
- City of Ann Arbor Non-Discrimination Ordinance Declaration of Compliance

Bids that fail to provide these forms listed above upon bid opening may be rejected as non-responsive and may not be considered for award.

I. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the ITB. Bidders are directed to take note in their review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: I need a clarification on “Compacted Topsoil/Compost” I am unable to locate this item in the provided print or a detailed specification. Can you please provide more information on this line item.

Answer 1: On the Bid form, there is a line item bid for compacted topsoil or compost. On page 01270/7, #16 contains a description of what the compacted topsoil/compost is to consist of and how it will be paid.

Question 2a: Please indicate how the “Wetland Plants” as shown in plan view on sheet 4 and in detail on sheet B are to be paid for.

Answer 2a: Wetland plants are no longer part of the project and are not on the bid sheet. In lieu of wetland plants, we are specifying a wetland seed mix. Please see updated plan set provided herein.

Question 2b: Are these wetland plants to be paid as part of the “Live Stake Shrubs Plugs” pay item?
Answer 2b: No, please see answer to #2a

Question 2c: If so, you have a GIGANTIC quantity bust (there are roughly 8,100 plugs required for the specified area, see below).

Answer 2c: See answer to 2a and 2b above

Question 2d: Please clarify the note below the “Wetland Plants” schedule on sheet B. The way I interpret this note is that 25 plants of three different species per 100 SF of the indicated area are required (75 plants / 100 SF). Is this interpretation correct?

Answer 2d: See answer to 2a and 2b above

Question 3a: Does the project NEED to take place according to the revised schedule as indicated?

Answer 3a: No

Question 3b: Based on the new time frame, soils will not be able to be transported to the landfill facility during seasonal weight restrictions (+/- March, 2022). This limits the ability to perform work during this time period. Could we come to a mutually agreeable schedule after the bid?

Answer 3b: Yes

Question 4: Who is responsible for testing the excavated soil for landfill disposal purposes? The Type II landfill will require soil analytical information from each location (this would require +/- 6 samples for testing).

Answer 4: Soil samples have been taken and can be provided to the successful contractor prior to start of construction.

Question 5a: Can silt fence be used in lieu of the silt sock product?

Answer 5a: Yes

Question 5b: If silt sock is required, is a single row acceptable? The detail shows installations where the silt sock is stacked and requires +/- 3 “socks” per LF of installation. Please advise.

Answer 5b: Yes

Question 6: Do you really want 6’ chain link fence as indicated in the plans and specifications? As this is a gated facility, this seems like overkill. Please advise.

Answer 6: Yes

Question 7: Is there any plant maintenance or guarantee required for this project?

Answer 7: Please see #34 on page 01960/7 of the specifications.

Question 8: Where does the 700 cy of compost go? into the shrub beds or is it to be mixed with the topsoil to be respread?

Answer 8: The 700 Cy of compacted topsoil/compost is to be utilized throughout the project restoration if there is not adequate stripped topsoil to respread as well as utilized in areas where shrubbery is specified to be planted.
Question 9: Once we leave the Wheeler Facility are there certain roads we have to follow?

Answer 9: Sheet 1 of the plans shows the access route in and out of the Wheeler Facility. More detailed information of proposed changes can be discussed with the successful bidder at the time of the preconstruction meeting.

Question 10: The wetland plants shown on the drawings for the transfer station pond are not indicated in the bid proposal, are these part of the project?

Answer 10: Wetland plants have been removed from the project and replaced with a wetland seed mix. Please see updated plan set provided herein.

Question 11: There is no item for hardwood mulch, but it is shown on the details for the planting beds. Do we provide and install that material as part of the 708 live stake shrubs to be installed?

Answer 11: Yes, the hardwood mulch is to be part of the overall cost of the shrub and installation.

Question 12: Please verify quantities on bid form.

Answer 12: Please see updated page BF-1 herein. Revised quantities are in red.

Bidders are responsible for any conclusions that they may draw from the information contained in the Addendum.
# BID FORM

Section 1 – Schedule of Prices

Company: 

Project: ITB# 4665 - Wheeler Facility Pond Dredging

## Unit Price Bid –

<table>
<thead>
<tr>
<th>Base Bid</th>
<th>Estimated Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mobilization, Max 5%</td>
<td>1</td>
<td>LS</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>2. Construction Fence, As Needed</td>
<td>200</td>
<td>Ft</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>3. Silt Sock</td>
<td>8,310</td>
<td>Ft</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>4. Stone Filter</td>
<td>4</td>
<td>EA</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>5. Sediment Removal and Earth Excavation</td>
<td>14,400</td>
<td>CY</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>6. Sediment Disposal - Landfill</td>
<td>14,400</td>
<td>CY</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>7. Hydric Soils, Stockpile</td>
<td>4,500</td>
<td>CY</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>8. Level Spreader Rip-Rap</td>
<td>8</td>
<td>CY</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>9. 15” N-12 Pipe</td>
<td>30</td>
<td>Ft</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>10. Trench undercut and Refill</td>
<td>20</td>
<td>CY</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>11. Live Stake Shrubs Plugs</td>
<td>708</td>
<td>EA</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>12. Seed Mix A</td>
<td>3.50</td>
<td>Acre</td>
<td>=</td>
<td></td>
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<tr>
<td>13. Seed Mix B</td>
<td>2.42</td>
<td>Acre</td>
<td>=</td>
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</tr>
<tr>
<td>14. Seed Mix C</td>
<td>0.67</td>
<td>Acre</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>15. Erosion Blanket</td>
<td>286,713</td>
<td>SF</td>
<td>=</td>
<td></td>
</tr>
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<td>16. Compacted Topsoil/Compost</td>
<td>700</td>
<td>CY</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>17. Light Storm Sewer Cleaning (12”-24”)</td>
<td>103</td>
<td>FT</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>18. Light Storm Sewer Cleaning (30”-60”)</td>
<td>311</td>
<td>FT</td>
<td>=</td>
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<tr>
<td>19. Heavy Storm Sewer Cleaning (12”-24”)</td>
<td>103</td>
<td>FT</td>
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<td>20. Heavy Storm Sewer Cleaning (30”-60”)</td>
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<tr>
<td>21. Relocation and Replacement of Concrete Pads</td>
<td>3</td>
<td>EA</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>22. Topsoil Stripping and Stockpile</td>
<td>14,955</td>
<td>SY</td>
<td>=</td>
<td></td>
</tr>
</tbody>
</table>

## PROJECT TOTAL

ESTIMATED TOTAL $__________
WHEELER FACILITY POND DREDGING
4170 PLATT ROAD
CITY OF ANN ARBOR
WASHTENAW COUNTY, MICHIGAN

NOTE:
ALL EXISTING UTILITIES SHOWN ON THIS TOPOGRAPHICAL SURVEY
HAVE BEEN TAKEN FROM VISUAL OBSERVATION, AND RECORD
MAPPING WHERE AVAILABLE. NO GUARANTEE IS MADE, OR SHOULD
BE ASSUMED, AS TO THE COMPLETENESS OR ACCURACY OF THE
UTILITIES SHOWN ON THIS DRAWING. PARTIES UTILIZING THIS
INFORMATION SHALL FIELD VERIFY THE ACCURACY AND
COMPLETENESS PRIOR TO CONSTRUCTION ACTIVITIES.

CITY OF ANN ARBOR PUBLIC WORKS
4251 STONE SCHOOL ROAD
ANN ARBOR, MI 48108
PHONE: (734) 794-6350
WEB SITE: https://www.a2gov.org/departments/public-works/Pages/default.aspx

HUMMEL, ROTH & CLARK, INC
CONTRACTING ENGINEERS SINCE 1916
333 BLOOMFIELD HILL RD
BLOOMFIELD HILLS, MICH.
PHONE: (248) 454-6300
FAX (1st Floor): (248) 454-6312
FAX (2nd Floor): (248) 338-2592
WEB SITE: http://www.hrc-eng.com

CITY OF ANN ARBOR PUBLIC WORKS
4251 STONE SCHOOL ROAD
ANN ARBOR, MI 48108
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WEB SITE: https://www.a2gov.org/departments/public-works/Pages/default.aspx

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DELETION
ADITION
SHEET INDEX

description

Sheet No.

COVER
PROJECT NOTES
PROJECT DETAILS
SOIL EROSION & SEDIMENT CONTROL DETAILS
OVERALL SITE PLAN
SOUTH COMPOST PAD POND
NORTH COMPOST PAD POND & MAINTENANCE POND
FOREBAY & TRANSFER POND
LANDFILL POND

4
2
3
4
5

K E Y

E ELLSWORTH RD
I-94
I-94
M-23
E MORGAN RD
PLATT RD
STONE SCHOOL RD
S STATE RD
MARTON RD
THOMAS RD
W MICHIGAN AVE

811

CALL BEFORE YOU DIG.

(3 WORKING DAYS)

OR 811 CALL811.COM (TOLL FREE)
**SEED MIX A**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>COMMON NAME</th>
<th>RATE (LBS./AC.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arabis alpina</td>
<td>Alpine Arabis</td>
<td>0.23</td>
</tr>
<tr>
<td>Arabis alpina</td>
<td>Alpinia</td>
<td>0.00</td>
</tr>
<tr>
<td>Arabis alpina</td>
<td>Alpine Arabis</td>
<td>0.00</td>
</tr>
<tr>
<td>Arabis alpina</td>
<td>Alpine Arabis</td>
<td>0.00</td>
</tr>
<tr>
<td>Arabis alpina</td>
<td>Alpine Arabis</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**NOTES:**
- Seed mix to be broadcast over the wetland creation and enhancement areas as indicated on the plans.
- Seed mix to be covered with North American Green C125bn erosion control blanket or equivalent installed in compliance with manufacturer’s specifications on all slopes exceeding 1 on 3.
- Seed mix to be broadcast over all areas disturbed by construction activities not specifically designated to be seeded by another mix specified on the sheet or on the plans.

Pkt for 8 oz = Seed Mix C/1000 ac per acre.

---

**SEED MIX B**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>COMMON NAME</th>
<th>RATE (LBS./AC.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andropogon virginicus</td>
<td>Tall Bluegrass</td>
<td>2.50</td>
</tr>
<tr>
<td>Andropogon virginicus</td>
<td>Tall Bluegrass</td>
<td>2.50</td>
</tr>
<tr>
<td>Andropogon virginicus</td>
<td>Tall Bluegrass</td>
<td>2.50</td>
</tr>
<tr>
<td>Andropogon virginicus</td>
<td>Tall Bluegrass</td>
<td>2.50</td>
</tr>
</tbody>
</table>

**NOTES:**
- Seed mix to be broadcast over woodland edges and interior areas with thin canopy. This is Genesis Nursery’s Mesic to Dry Open Woodland seed mix.

Pkt for 8 oz = Seed Mix C/1000 ac per acre.

---

**SEED MIX C**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>COMMERCIAL NAME</th>
<th>RATE (LBS./AC.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andropogon virginicus</td>
<td>Virginia Wild Rye</td>
<td>2.50</td>
</tr>
<tr>
<td>Andropogon virginicus</td>
<td>Virginia Wild Rye</td>
<td>2.50</td>
</tr>
<tr>
<td>Andropogon virginicus</td>
<td>Virginia Wild Rye</td>
<td>2.50</td>
</tr>
<tr>
<td>Andropogon virginicus</td>
<td>Virginia Wild Rye</td>
<td>2.50</td>
</tr>
</tbody>
</table>

**NOTES:**
- Seed mix to be covered with North American Green C125bn erosion control blanket or equivalent installed in compliance with manufacturer’s specifications on all slopes exceeding 1 on 3.

Pkt for 8 oz = Seed Mix C/1000 ac per acre.
SEQUENCE OF CONSTRUCTION - SOIL EROSION CONTROL

1. The contractor shall install and maintain temporary soil erosion and sediment control measures prior to commencement of dredging operations. Measures shall be installed as directed on permits from City of Ann Arbor and Pittsfield Township.

2. Keep the dredging material in designated staging areas. Place sheets and silt fences as designated on plans. Measures shall be maintained as directed by City of Ann Arbor and Pittsfield Township.

3. Begin dredging operation.

4. Check and maintain soil erosion control measures daily. All temporary soil erosion and sedimentation control measures shall be maintained until permanent soil erosion and sedimentation control measures are installed and the area is stabilized.

5. Complete construction.

6. Complete construction.

7. Contractor to maintain temporary sediment control measures until the project is complete.

SOIL EROSION CONTROL MEASURES ARE ITEMIZED AND WILL BE PAID FOR BY UNIT/FT ETC. QUANTITIES ARE ESTIMATED AND MAY BE MORE OR LESS THAN WHAT IS SHOWN ON PLANS.
SOUTH COMPOST PAD POND
WATER ELEV 827.11 (04/03/2020)

CONTRACTOR TO PROTECT STORM STRUCTURES WITH PROPER PROTECTION FENCE

PR STONE FILTER
(SEE DETAIL SHEET D)

INSTALL 30' - 15" N-12
(SEE DETAIL SHEET C)

INSTALL LEVEL SPREADER (2-3 CYD LIGHT RIP-RAP) TO CREATE SWALE
(SEE DETAIL SHEET C)

OFFSET ROW OF NATIVE SHRUBS - 3 ROWS 400 LF
SEE DETAIL SHEET C

INSTALL SILT SOCK
SEE DETAIL SHEET D

SEDIMENT GRADE

LEGEND
INLET FILTER
EX CONTOUR
PR CONTOUR
STAGING AREA
SEED MIX A
SEED MIX B
SEED MIX C
SHRUB PLUGS

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NORTH COMPOST PAD POND
WATER ELEV 825.51 (04/03/2020)

MAINTENANCE POND
WATER ELEV 825.25 (04/03/2020)

CONTRACTOR TO FIELD LOCATE AND VERIFY PIPE CONDITION AND ABILITY TO DREDGE AND CLEAN PRIOR TO CONSTRUCTION

CONTRACTOR TO PROTECT STORM STRUCTURES WITH PROPER PROTECTION FENCE

PR STONE FILTER
SEE DETAIL SHEET D

INSTALL LEVEL SPREADER (2-3 CYD LIGHT RIP-RAP) TO CREATE RAIN GARDEN IN SWALE

LIMITS OF DISTURBANCE

COMPOST AREA
INSTALL SILT SOCK SEE DETAIL SHEET D

EMERGENT WETLANDS
3' 1.6' APPROX

823.57
823.35
823.43
823.28
823.18
823.17
823.41
823.82
824.13
824.03
823.74

LEGEND
INLET FILTER
EX CONTOUR
PR CONTOUR
STAGING AREA
SEED MIX A
SEED MIX B
SEED MIX C
SHRUB PLUGS
APPROVED
CHECKED
DRAWN
DESIGNED
DATE
HRC JOB NO.
DATE
SCALE
ADDITIONS AND/OR REVISIONS
SHEET
NO.
WHEELER FACILITY
POND DREDGING

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FAX (2nd. Floor):  (248) 454-6359
E. ELLSWORTH RD
LANDFILL POND
WATER ELEV 820.03 (03/27/2020)

PROTECT AND REESTABLISH SWALE AS PART OF RESTORATION

LIMITS OF DISTURBANCE

INSTALL SILT SOCK
SEE DETAIL SHEET D

PROPOSED GRADE 1.7' APPROX
SEED MIX A
SEED MIX B
SEED MIX C
SHRUB PLUGS

LEGEND
INLET FILTER
EX CONTOUR
PR CONTOUR
STAGING AREA
SEED MIX A
SEED MIX B
SEED MIX C
SHRUB PLUGS

555 HULET DRIVE
BLOOMFIELD HILLS, MICH.
P.O. BOX 824
48303 - 0824
PHONE: (248) 454-6300
WEB SITE: http://www.hrcengr.com
FAX (1ST. FLOOR): (248) 454-6312
FAX (2ND. FLOOR): (248) 454-6359

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