

PRINCIPALS

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Nancy M.D. Faught
Daniel W. Mitchell
Jesse B. VanDeCreek
Roland N. Alix
Michael C. MacDonald
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Karyn M. Stickel
Jane M. Graham
Thomas G. Maxwell
Todd J. Sneathen
Aaron A. Uranga

HUBBELL, ROTH & CLARK, INC.

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**DAN DEVINE DRAIN
OAKLAND COUNTY WATER RESOURCES COMMISSIONER
ADDENDUM NO. 1
BLOOMFIELD TOWNSHIP
OAKLAND COUNTY, MICHIGAN**

ISSUED: December 12, 2016

HRC Job No. 20130597

This Addendum is issued to prior to receipt of bids to provide for certain changes and clarifications to the Contract Documents and Specifications or Contract Drawings, as herein specified, and is hereby made a part of the Contract Documents and shall be taken into consideration in preparing the Proposal. The General Conditions and Specifications for the original work and the Contract Drawings are to govern this work unless otherwise revised herein.

The Bidder shall acknowledge the receipt of this Addendum on page P-4 of the Proposal, and at the end of this Addendum. Bidders shall return a copy of their Acknowledgment of Receipt of this Addendum by fax to Hubbell, Roth & Clark, Inc., at (248) 454-6359, or by email to jsurhigh@hrc-engr.com.

The following table of contents lists the extent of this Addendum. Descriptions of the changes or clarifications are given within each heading.

CONTRACT DRAWINGS – Not Issued

CONTRACT DOCUMENTS – Not Issued

The following sections of the Contract Documents are modified as described:

- **Section 1005 – Supplemental Specifications & Special Project Requirements**
 - Pay Item 24 – Station Grading, VRSS, Pay Item 25 – Station Grading (Sec. B-B), Pay Item 26 – Station Grading, Bank Stabilization: Add the following paragraph to each of the item descriptions:

These items are for Drain work in areas with top-of-bank width limitations are generally located between homes. The Contractor shall use low ground pressure equipment weighing 10 tons or less (unloaded) to complete the Work between station 13+00 and 22+00.

- Pay Item 32 – Remove Fire Hydrant (Lump Sum): add the following paragraph to the item description:

Bloomfield Township has requested that this work item be completed by D'Angelo Brothers, Inc. who performs water system services for Bloomfield Township. A quote for the required work has been obtained in the amount of \$9,850.00, and is attached for reference. The Contractor awarded this project will be required to retain D'Angelo Brothers, Inc. to complete this work. The amount bid for this item shall include the quoted amount from D'Angelo Brothers plus any associated costs for coordinating the work.

BULLETIN NO. 1

The following explanations are given to inquiries made by Bidders, submitted in writing, through December 7, 2016, and are presented in no particular order.

- Electronic copies of the plans and specifications will be made available to companies who have purchased plans. All documents submitted with the bid **MUST** be the originals as purchased. Copies of the required forms will not be accepted. Email requests for electronic copies to jsurhigh@hrc-engr.com. An invitation to HRC's Basecamp site will be emailed to the respondent. Note that the invitations expire after a couple of days, so please log in promptly.
- Chipped woody material from clearing and grubbing operations may be spread onsite only in the sections of the Drain designated as Station Grading, Clearing and Grubbing. In other portions of the Drain (Section A-A, Section B-B, Bank Stabilization, and VRSS) materials generated by clearing and grubbing operations must be removed from the site.
- Removal of trees that are in direct conflict with the proposed excavation work shall include removal of the stump. Other tree removals will include grinding the stump to 6 inches below grade and treating with a stump preventative herbicide. Where not in direct conflict with the excavation work, required stump removals will be paid for separately.
- Easement Conditions are included in Appendix B, not in Appendix C as may be noted in the plans and specifications.
- Repair of any underground services, pipes, structures, etc. that may be damaged by the Contractor's operations is the responsibility of the Contractor per General Conditions, Part 16. Also see General Specifications Part 8.
- The landscape plans on Sheet 5A are to be used in conjunction with the easement conditions for those particular properties, and provide the layout guidelines for the replacement plantings and restoration. The quantities for replacement trees and shrubs (Items 39 and 40) have considered the information communicated in the easement conditions and on the landscape plans. If specific information on the easement conditions differ from that shown on the landscape plan, then the easement conditions shall govern.
- At the corner of Palms and Eastways, the existing channel that flows around the west side of the sanitary manhole will be filled in, and a new channel constructed around the east side of the manhole. All noted work to accomplish this will be paid under Item 23 – Station Grading (Sec. A-A).
- On Sheet 6 of the Plans, the proposed Drain work will be paid by the various station grading items, as designated by the dimensions in the profile view.
- Cross sections were not prepared for the portions of the Drain designated for clearing and grubbing only. There is not any excavation required with these sections.
- Section A-A shown on Sheet 4 of the Plans depicts the conditions through a

riffle structure. The channel sections between riffle structures will not have stone materials along the bottom. The channel bottom construction in these areas will be similar to that shown in Section B-B (except bankfull shelf present on both sides).

- The VRSS diversion structure near station 3+25 will have toe-protection and VRSS lifts along both faces to the channel, and will transition into the bank wrap bankfull shelves.
- Soil samples were not obtained in the detention basin or along the drain for analytical testing. Refer to the General Conditions, Part 51 for more information.
- Salvaged topsoil from the project area is to be used for the Work as much as possible. If an insufficient amount of topsoil material is present to complete the Work, then suitable topsoil must be imported. The costs for importing topsoil if needed will not be paid separately, and shall be included in the items as bid.
- Item 38 – Turf Restoration, Seed Mix C will be paid for the actual amount installed as measured. Mulching is included in the pay item, and can include straw with biodegradable netting (General Specifications Part 7), sprayed cellulose fiber (Section 02913 – Seeding), or mulch blankets (Section 02225 – Rolled Erosion Control Products), as necessary to protect the surface and allow dense establishment of new seed growth. The Contractor shall determine the means and methods necessary to protect the restored surfaces during vegetation establishment. Any required reseeding of sparsely growing or eroded areas shall be completed at the Contractor's expense.
- Sod shall be installed where required by easement conditions, and the costs shall be included in Item 41 – Miscellaneous Easement Conditions (Lump Sum).
- The amount of excavation required for the Drain construction may vary depending on the Contractor's means and methods. The estimated volume (measured in-place using cross sections on plans) of excavation for the scenario where a full trapezoidal section is excavated prior to construction of the bankfull shelves would be approximately 1,200 to 1,500 cubic yards.
- For the portions of the Drain work completed under Item 27 – Station Grading, Clearing and Grubbing, necessary tree removals larger than 6" diameter will be paid separately under Items 9, 10 and 11.
- For the portions of the Drain work completed under Item 23, 24, 25 or 26, required clearing and grubbing is included in the respective station grading pay items, and any necessary tree removals larger than 6" diameter will be paid separately under Items 9, 10 and 11.
- Between station 19+00 and 20+25, the noted understory vegetation removal shall be as needed to complete the Work in the area. Areas that do not need to be disturbed for access or construction activities may remain undisturbed.

- Planting mix for the bankfull shelf and VRSS construction shall consist of 1 part excavated topsoil from the site (or imported if needed) and two parts compost as specified in Part 2.04.C of the Special Provision for Native Plantings.
- Video requirements noted in the Specifications for Color Audio-Video Recording of Construction Areas are considered minimum. Higher definition videos are acceptable.
- Existing buried utility services (telephone, electric, cable), irrigation systems, and dog fences for the homes in the project area are likely present in the vicinity of and crossing the Drain. The Contractor is expected to take reasonable efforts to locate and protect all existing utilities and services prior to beginning construction activity. The costs for repair, relocation or reinstallation of these items shall be the responsibility of the Contractor.
- Prevailing wages are not required on this Contract.
- The Pre-Bid Meeting was held on November 30, 2016. The meeting notes are attached and are hereby made a part of Addendum No. 1.

Prepared by:
HUBBELL, ROTH & CLARK, INC.



James J. Surhigh, P.E.
Senior Project Engineer

Attachments

pc: All Bidders
OCWRC – Michael Walsh
Bloomfield Township – Olivia Olsztyn-Budry
HRC – D. Mitchell, D. Stratelak, File

Acknowledgement of Receipt of Addendum

Company Name: _____

Name: _____

Written Name: _____

Address: _____

Telephone: _____ Fax: _____



Project Cost Estimate

November 15, 2016

PO Box 531330
Livonia, MI 48153

TO: Bloomfield Township
4200 Telegraph Rd.
Bloomfield Township, MI 48303-0489

WRC Dan Devine Drain Project
Hydrant Removal
on Eastways, North of 893 Foxhall Rd.

ATTN: Olivia Olsztyn-Budry, PE
oolsztyn-budry@bloomfieldtp.org

DESCRIPTION OF WORK	AMOUNT
<p><u>TO REMOVE EXISTING HYDRANT LOCATED IN THE DRAIN ALONG EASTWAYS</u></p> <p><i>Scope of work to include, but not limited to:</i></p> <p>Excavation, Dewater and Stabilize the Excavation, Remove Existing Hydrant and Auxiliary Valve, Install Plug or Cap, Backfill Excavation to Existing Grade.</p> <p><i>This Cost Estimate Includes:</i></p> <p>All Labor, Material, Equipment and Restoration</p>	<p></p> <p>\$ 9,850.00</p>
TOTAL	\$ 9,850.00

If you have any questions regarding this estimate, please contact:

Vince D'Angelo

Ph: (248) 515-1942

eMail: vince@dangelo-brothers.com

We thank you for the opportunity to handle your service needs.

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**MEETING MINUTES FOR
DAN DEVINE DRAIN
OAKLAND COUNTY**

Date: Wednesday, November 30, 2016

HRC Job No. 20130597

Time: 10:00 am

Meeting Held: OCWRC

<u>Attendee Name</u>	<u>Representing</u>	<u>Phone No.</u>
Mike Walsh.....	OCWRC	248-452-2026
Jim Surhigh	HRC.....	248-454-6342

For prospective bidders and others see attached attendance list

PURPOSE: Dan Devine Drain Pre-Bid Meeting

1. Open meeting
2. Introductions and distribution of sign-in sheet.
3. Project Description
 - a. The project includes cleanout, grading, debris removal, and restoration of approximately 3,210 linear feet of existing open channel, the removal of approximately 940 cubic yards of sediment from an existing detention basin, and CIPP lining of approximately 340 feet of 12-inch diameter to 15-inch diameter RCP drain pipe. The project also includes streambank stabilization measures, tree removal, tree planting, removal and replacement of fencing, removal and replacement of landscape wall, and restoration.
4. The engineer's estimate is approximately \$1.4 million.
5. Front End Important Points.
 - a. Important Dates
 - i. Last Questions Wednesday, 12/07/16 @ noon.
 - ii. Bid opening @ WRC Office on Friday, 12/16/16 @ 3 P.
 - iii. We will schedule a pre-award meeting with the low bidder at some point after bids are received.
 - b. We plan to issue the notice to proceed sometime around April of 2017.
 - c. Project is subject to the sale of bonds, and bids need to be held for 120 days or until 4/15/17.
 - d. Article 12 of Information for Bidders requires you to self-perform at least 51% of the work not including General Conditions.
 - e. Liquidated damages are \$500/day per Article III of the agreement.
6. Submittals w/bid – See General Supplemental Conditions
 - a. Proposal, complete and signed and acknowledging all addenda.
 - b. Proposal Guarantee/Bid bond (5%).
 - c. Signed Vendor Certification that it is not an “Iran Linked Business”.
 - d. Completed Experience and Qualification Statement (Form DC-118).

These items are a separate color in the documents you received.

7. Submittals within 10 days of bid by the low bidder and others if we ask.
 - a. Documents and other items identified in IB Section No. 12.
 - i. MIOSHA Forms 300 and 300A.
 - ii. Notarized statement indicating that Contractor has not submitted a false claim to a governmental agency.
 - iii. Certification that the contractor has not been removed from a project for a safety violation.
 - b. Preliminary schedule based on start date of 4/24/17, which is when we plan to issue NTP. We may request this information from the other bidders.
 - c. Experience and Qualifications Statement for any subcontractor performing work in excess of \$500,000. Your subcontractors also need to be listed in your Experience and Qualifications Statement that needs to be submitted with your bid.
8. Pay special attention to General Supplemental Conditions and Section 01005 (Supplemental Specifications and Special Project Requirements) where the pay items are described.
 - a. Escrow bid documents are not required.
 - b. CPM schedule is not required.
 - c. We will not have an OCIP.
 - d. There are also easement conditions in Appendix C that have requirements for plantings, trees, sod, etc. that need to be included in your bid within the other pay items.
 - e. There is an RCOC permit cost of \$650 that needs to be included in your cost. There is also a \$3,000 bond required per the permit. Permit is in Appendix A.
9. Also pay close attention to the Easement Documentation in Appendix B. There are many items associated with the easements for each parcel that need to be accounted for in your bid. Include those costs in the Item 41 in the proposal called Miscellaneous Easement Conditions.

We also have not acquired easements for four of the properties along the project, and we are in the process of condemning these properties to obtain the easements. It is assumed that the easements shown on the plans are (temporary and permanent) are what we will receive; however, conditions could change. Also, these easements may ultimately have different conditions associated with them. If the conditions change significantly from what is shown on the plans, we will issue a change order to reflect changes in the work. Properties that are in the process of condemnation are:

Parcel Number	Sheet No.
19-11-226-029	6, 7
19-11-227-010	5, 6
19-11-227-016	5
19-11-276-007	5

10. Design, Specs, Pay Items, and other details. (HRC)
- a. Expect to complete project under flow conditions. The upper end of the drain receives base flow from an existing wetland area on the north side of Square Lake. Many of the homes have sump pump connections to the drain that frequently discharge.
 - b. Staging and material storage will be allowed in the public right-of-way, permanent easement areas, and the detention pond parcel.
 - c. The measurements for the detention pond excavation will be the in-place volume of materials removed, not the loose measure after excavation or by number of trucks. Grade stakes will be set showing in-place cut measurements.
 - d. Intent of project is to install a low-flow channel 5.5 feet wide by 1.1 feet deep (bankfull width and depth). A bankfull shelf will be installed to provide channel capacity for higher flow levels. In Section A-A areas, the bankfull shelves are 5.5 feet wide each. In other sections, the bankfull shelf width will vary due to limitations in the top-of-channel width.
 - e. Payment for the channel construction (including excavation, bankfull shelf construction, restoration, etc.) will be paid as station grading by the linear foot as measured along the center of the Drain for the various sections as noted on the plans.
 - f. Planting mix to consist of one part salvaged topsoil and two parts compost.
 - g. In-stream structures will be paid on a each basis. Note that general dimensions of these structures are given on the plans. The typical details included with the plans depict larger structures that what will be required on this project.
 - h. Access to the Drain to complete the work is limited to where it intersects public right-of-way or where specific easements have been obtained for access as shown on the plans.
 - i. Construction traffic shall be restricted to the haul route as designated on the plans. The preconstruction video must include the entire haul route and proposed staging/storage areas.
 - j. Bidders are instructed to review the easement conditions carefully. Pay items are included for replacement trees and shrubs on an each basis, but not be specific species. All other required work and restoration described in the easement conditions must be included in the lump sum pay item for miscellaneous easement conditions.
 - k. WRC will consider making plans and specifications available electronically to interested plan holders.

These minutes are intended to be a summary of those items discussed. Any corrections and/or comments should be noted to the writer as soon as possible.

Respectfully submitted,

HUBBELL, ROTH & CLARK, INC.



James J. Surhigh, P.E.
Senior Project Engineer

Attachment

pc: All present
HRC; D. Mitchell, D. Stratelak, File

OAKLAND COUNTY WATER RESOURCES COMMISSIONER ATTENDANCE SHEET

DATE: 11/30/16

FACILITATOR: WRC

TYPE (Training, Committee, etc.): Pre-Bid Meeting

TOPIC: Dan Devine Drain

PRINTED NAME	E-MAIL/EMPLOYEE ID	REPRESENTING/ UNIT	CONTACT NUMBER
Mik Walsh	walshm@oah.gov.com	WRC	248-452-2026
MARK DAVENPORT	MARK.DAVENPORT@brothers.com	DBC	734-697-2994
ROSS PENNALA	MAILBOX@ZITOCONSTRUCTION.COM	ZITO CONSTRUCTION	810-695-9025
Tony Cavaliere	vshenoy@dmutilities.com	D.V.M. Utiliter	586-979-0402
JOSH DAVIS	ESTIMATING@IAFRATE.COM	IAFRATE CONST	586 580 0843
PARKER DEMONT	parker.demont@AnglinCivil.com	Anglin Civil	248-397-4200
Ryan Doski	Ryan@superiorexcavating.com	Superior Exc	248-431-2941
Mark Davenport	MARK.DAVENPORT@brothers.com	DBC	734-697-2994
Jim Surhight	jsurhigh@hrc-engr.com	HRC	248-454-6342
Suzie DeSoria	suzie@heinztree.com	Heinz Tree Service	989-529-3525
NICK CARULLO	NICK@WARRENCONCRETE.COM	WARREN CONCRETE	586-323-3350
DAVID LASH	DAVE@WWW.PONDPERFECTION.COM		810-845-6070
Robert Sherby	estimating@TSPenvironmental.com	TSP	734-838-0426
BOGON CANTERON	INLANDLAKES@COMCAST.NET	INLAND LAKES	248-338-8088
Jordan Bidigare	Jordan@BidigareContractors.com	Bidigare Contractors, Inc.	248-733-1113