

PRINCIPALS

Daniel W. Mitchell
Nancy M. D. Faught
Keith D. McCormack
Jesse B. VanDeCreek
Roland N. Alix
Michael C. MacDonald
James F. Burton
Charles E. Hart

SENIOR ASSOCIATES

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William R. Davis
Dennis J. Benoit
Robert F. DeFrain
Thomas D. LaCross
Albert P. Mickalich
Timothy H. Sullivan

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Donna M. Martin
Colleen L. Hill-Stramsak
Bradley W. Shepler
Karyn M. Stickel
Jane M. Graham
Thomas G. Maxwell
Todd J. Sneathen
Aaron A. Uranga
Salvatore Conigliaro

HUBBELL, ROTH & CLARK, INC.

OFFICE: 555 Hulet Drive
Bloomfield Hills, MI 48302-0360
MAILING: PO Box 824
Bloomfield Hills, MI 48303-0824
PHONE: 248.454.6300
FAX: 248.454.6312
WEBSITE: www.hrcengr.com
EMAIL: info@hrcengr.com

**ADDENDUM NO. 1
TO
SPECIFICATIONS AND CONTRACT DOCUMENTS
FOR
WTP & WWTP CHEMICAL CONTAINMENT IMPROVEMENTS
CITY OF MARYSVILLE**

Issued: July 3, 2017

HRC Job No. 20160826

Intent:

This Addendum No. 1 is issued prior to receipt of Bids to provide clarifications and address questions relative to the Bidding Documents. Failure to include this Addendum No. 1 and included Specification pages within the Bidding Documents may result in disqualification of the bid.

CONTRACT SPECIFICATION CLARIFICATIONS

Advertisement Page 1 (Issued)

- Modify bid opening date to **Tuesday, July 11, 2017.**

Proposal, Page 1 (Issued)

- Clarify Bid Location modify Bid Date.

Painting, Page 09900/11 (Issued)

- Revise Paint System 9.E – Foot Traffic Area to clarify top coat thicknesses and total thickness for both systems.

PRE-BID MEETING MINUTES

- A copy of the Minutes from the June 29, 2017 Pre-Bid meeting is included with this Addendum No. 1.

CONTRACTOR QUESTIONS

In addition to the Contractor questions asked at the Pre-Bid meeting, the following questions were asked following the meeting:

Question 1: Due to the 4th of July holiday, can bids be extended?

Response 1: Refer to the revised bid date of **Tuesday, July 11, 2017** as modified in the advertisement proposal form.

Question 2: Please clarify the location of the bid opening?

Response 2: As indicated in the advertisement, bids will be opened at City of Marysville Hall, 1111 Delaware Ave. Marysville, MI 48040

Question 3: Are the line items broken down in each Division priced for progress payments purposes only, so that once 100% complete with a division item, the lump sum shown for the division would still be paid regardless of actual quantities higher or lower than the planned quantity?

Response 3: Unit prices will be measured for each area and adjustments made to both the final quantities and sum to reflect in place work at the completion of each division of work.

Question 4: Does the interior containment wall coatings stop at the interior top of wall or over the top of wall to the outside edge?

Response 4: At the interior top of wall.

Question 5: Painting Section 09900/11 – Paint System 9.E: Please clarify what the total mils are for both manufactures systems, due to the total thickness numbers shown being off.

Response 5: Refer to the revised paint schedule for system 9.E.

Question 6: Drawing 3 – (AREA-2) Note regarding Foot traffic area painting system: Is only the floor and top of containment wall getting done as the foot traffic systems or is the exterior wall of the containment also getting done?

Response 6: Exterior of containment wall is also included.

Question 7: Regarding Painting Section 09900/8 – Paint System 9.B – Cove in Containment Areas:

- a. Is the Tnemec cove radius also 2” as the Carboline radius?
- b. Several areas on the drawings shows an arrow for the cove system going at the interior wall and floor. Please clarify that the spec is correct that every pad inside the containments also get the cove system around them.
- c. Does the interior of sump drains also get the cove?

Response 7a: Yes.

Response 7b: Concrete pads within containment area to receive cove system.

Response 7c: Yes.

Prospective Bidders
July 3, 2017
HRC Job Number 20170826
Page 3 of 3

The Bidder shall acknowledge receipt of this Addendum No. 1 below and on page 4 of the Proposal.

Prepared by

HUBBELL, ROTH & CLARK



Aaron A. Uranga, P.E.
Associate

Company Name: _____

Signature: _____

Title: _____

Dated: _____

ADVERTISEMENT FOR BIDS
WTP AND WWTP CHEMICAL CONTAINMENT IMPROVEMENTS
CITY OF MARYSVILLE, MICHIGAN

Sealed proposals for the construction of the WTP and WWTP Chemical Containment Improvements will be received by the City of Marysville City Clerk **until 2:00 p.m., Local Time on Thursday, July 6, Tuesday, July 11, 2017**, at the City of Marysville City Hall, 1111 Delaware Ave. Marysville, Michigan 48040 which time and place all bids will be publicly opened and read.

Bidders shall review and comply with the Instructions to Bidders, which are incorporated by reference, and carefully review all Contract Documents, as defined in the Instructions to Bidders. Bids submitted after the exact time specified for, receipt will not be considered.

The Contracts will consist of the following principal items of work and appurtenances as specified herein and shown on the Contract Drawings.

Description of Work

The work consists of removing existing and providing new surface coatings in the chemical containment areas as follows:

- 1) Bulk chemical storage area at the Water Treatment Plant
- 2) Chemical metering room of the Water Treatment Plant
- 3) Hypochlorite storage and metering room of the Wastewater Treatment Plant
- 4) Bulk ferric chloride storage area at the Wastewater Treatment Plant
- 5) Day ferric chloride storage area at the Wastewater Treatment Plant.

Additional work includes: installation of unit block masonry partition walls in the bulk storage and chemical metering areas of the water treatment plant, chemical piping reconfiguration, existing bulk storage tank repurposing from fluoride storage to alum storage, installation of new fluoride bulk and day storage tanks in the existing metering area, and installation of a new fluoride transfer pump.

Copies of Plans and Specifications and Proposal Forms shall be available on or after **Thursday, June 15, 2017** at the offices of Hubbell, Roth & Clark, Inc., Consulting Engineers, 555 Hulet Drive, Bloomfield Hills, Michigan 48302-0360.

A non-refundable payment of Seventy-Five (\$75.00) Dollars, **CHECK ONLY, payable to "Hubbell, Roth & Clark, Inc."** will be required for each set of Drawings and Specifications. Drawings and Specifications can be shipped by U.P.S. ground for a shipping and handling charge of Twenty (\$20.00) Dollars, CHECK ONLY, non-refundable, to Hubbell, Roth & Clark, Inc. The Bidder is advised that to submit a bid on this project, the Bidder must have purchased a set of Plans and Specifications from Hubbell, Roth & Clark, Inc.

A pre-bid meeting is scheduled for **June 29th, 2017 at 10:00 a.m.**, local time, at the Marysville WTP, 1535 River Rd. Marysville, MI 48040. This meeting will be attended by the Owner, Engineer, and other interested parties. At this meeting, questions regarding the bid documents will be answered and Contractors will be allowed to inspect the work site.

PROPOSAL
FOR
WTP AND WWTP CHEMICAL CONTAINMENT IMPROVEMENTS
CITY OF MARYSVILLE
ST. CLAIR COUNTY, MICHIGAN

City of Marysville
~~1535 River Road~~ **1111 Delaware Ave**
Marysville, MI, 48040

Bids Due: ~~Thursday, July 6, 2017~~ **Tuesday July 11, 2017**
On or Before 2:00 pm, Local Time
HRC Job No. 20160826

To Prospective Bidders:

Name of Bidder: _____

Address: _____

Date: _____ Telephone: _____ Fax: _____

The above, as Bidder, hereby declares this bid is made in good faith without fraud or collusion with any persons bidding, and that the Drawings, Specifications, and all other information referenced in the Instructions to Bidders have been examined. Further, the Bidder is familiar with the location of the work described herein and is fully informed as to the nature of the work and the conditions relating to the performance of the Contract.

The Bidder acknowledges that no representations or warranties of any nature whatsoever have been received, or are relied upon from the City of Marysville, its agents or employees, as to any conditions to be encountered in accomplishing the work and that the bid is based solely upon the Bidder's own independent judgment.

The above, as Bidder, hereby certifies that the Drawings, Specifications, and other data provided by the Owner for bidding purposes have been examined. Further, the undersigned certifies that the proposed construction methods have been reviewed and found acceptable for the conditions which can be anticipated from the information provided for bidding.

The Bidder hereby affirms that the site of work has been inspected and further declares that no charges in addition to the Individual Unit Prices shall be made on account of any job circumstances or field conditions which were present and/or ascertainable prior to the bidding. In addition, The Contractor, as such and as Bidder, shall make the determination as to existing soil conditions and shall also complete the work under whatever conditions created by the Contractor/Bidder's sequence of construction, construction methods, or other conditions the Contractor/Bidder may create, at no additional cost to the Owner.

The above, as Bidder, confirms knowledge of the location of the proposed WTP and WWTP Chemical Containment Improvements Project and appurtenant construction in the City of Marysville, St. Clair County, Michigan, and the conditions under which it must be constructed; and also declares to have carefully examined the Drawings, Specifications, and Contract Documents which the Bidder understands and accepts as sufficient for the purpose of constructing said WTP and WWTP Chemical Containment Improvements Project, and appurtenant work, and agrees to contract with the City of Marysville to furnish all labor, materials, tools, equipment, facilities and supervision necessary to do all the work specified and prescribed for the City of Marysville in strict accordance with the

Paint System 9.E – Foot Traffic Area

Contractor shall note curing times required between coats, per actual product used. Surface Preparation - SSPC-SP-13

Layer	No. of Coats Per Layer	Product Name	Minimum Thickness of Coating Layer Dry	Application Equipment	Product Type
Primer (Walls and Floors)	1	Semstone 110	8.0 mils	Medium Nap Roller	Modified Epoxy
Top-coat (Walls)	1	Semstone 145	40.0 mils 15.0 – 20.0 mils	Flat Trowel Flat Squeegee / Medium Nap Roller	Epoxy Novolac
Top-coat (Floors)	1	Semstone 145	15.0 – 20.0 mils	Flat Squeegee / Medium Nap Roller	Epoxy Novolac
		Total Thickness	45.0 – 46.0 mils 23.0 – 28.0 mils		

Or

Layer	No. of Coats Per Layer	Product Name	Minimum Thickness of Coating Layer Dry	Application Equipment	Product Type
Primer (Walls and Floors)	1	Tnemec Series 239 ChemTread	6.0 – 8.0 mils	Roller Applied	Modified Novolac Polyamide Epoxy
Finish (Walls)	1	Tnemec Series 282	6.0 – 12.0 mils 8.0 – 12.0 mils	Roller	Polyamine Novolac Epoxy
Finish (Floors)	1	Tnemec Series 282	6.0 – 12.0 mils 8.0 – 12.0 mils	Roller	Polyamine Novolac Epoxy
		Total Thickness	52.0 – 60.0 mils 14.0 – 20.0 mils		

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HUBBELL, ROTH & CLARK, INC.

OFFICE: 535 Griswold Street
Buhl Building
Suite 1650
Detroit, MI 48226-3698
PHONE: 313.965.3330
WEBSITE: www.hrcenr.com
EMAIL: info@hrcenr.com

**MEETING MINUTES
PREBID MEETING
CITY OF MARYSVILLE
WTP & WWTP CHEMICAL CONTAINMENT IMPROVEMENTS**

Date: Thursday, May 29, 2017

HRC Job No. 20160826

Time: 10:00 am

Meeting Held: Marysville WTP, 1535 River Rd. Marysville, MI 48040

PURPOSE: To review bid documents and familiarize prospective bidders with the project and work site prior to the bid opening.

1. Introductions and Sign-In

- a. City Staff – Bari Wrubel, Plant Superintendent and others present
- b. HRC – Aaron Uranga, Paige Hammerl
- c. Pre-Bid meeting for the WTP & WWTP Chemical Containment Improvements Project.
- d. Meeting purpose is to review project scope, answer questions on the bidding documents and provide a tour to all prospective project bidders.
- e. Attendance is not mandatory
- f. Pre-bid meeting attendance sheet is attached.

2. Project Overview – Work both Plants in five separate areas

- a. Bulk Chemical Storage Area at WTP
 - i. Three (3) areas of chemical containment coating upgrades (remove existing coatings and apply new).
 - ii. One (1) new partition wall
 - iii. One (1) converted bulk tank (Fluoride to Alum tank)
 1. Relocated transfer pump
 2. New fill piping and fittings
 3. Demolition of existing fluoride discharge piping
 4. Reconfigure Alum discharge piping
- b. Day Storage Area at WTP
 - i. Containment area reconfiguration
 - ii. Containment coating upgrades
 - iii. Piping reconfiguration
 - iv. New Fluoride Day and Bulk tank installation
 - v. Electrical modifications and measuring equipment
- c. Ferric Chloride Bulk Storage Area at WWTP
 - i. Update containment area coating
 - ii. Replace existing sump grating with FRP grating.
- d. Ferric Day Storage Area at WWTP
 - i. Update containment area coating
- e. Hypochlorite Room
 - i. Update containment area coating

3. Sequence of Construction

- a. Both stations are at active plants - All chemical feeding must stay in operation during entirety of project
- b. Proposed project order:

- i. Day Chemical Storage Area at WTP
 - ii. Bulk Chemical Storage Area at WTP
 - iii. Hypochlorite Chemical Storage Area at WWTP
 - iv. Bulk Ferric Chloride Area at WWTP
 - v. Day Ferric Chloride Area at WWTP
 - c. Close coordination between contractor and owner required particularly at the water plant - Alum/Fluoride bulk tank reconfiguration must be coordinated with Owner.
 - d. Alum/Fluoride tank reconfiguration must also be coordinated with installation of new fluoride tanks in Chemical Metering Room to provide uninterrupted feeding of fluoride.
4. City Requirements
 - a. Work hours – 7am – 5pm M-F
 - b. Weekend work by advance notice and approval only
5. Bid Form
 - a. Contains Subtotals for each area of work.
 - b. Contains total for all 5 divisions.
6. Questions
 - a. Only questions of a general nature answered.
 - b. All questions requiring clarifications on drawings must be submitted in writing and will be included in Addendum 1.
7. Site visits – spent approximately 15 minutes per area.
8. Meeting adjourned at 11:10 am.

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.



Aaron Uranga, P.E.
Associate

AAU/peh
pc: All present
HRC; File



Meeting Sign-In Sheet

Project Name: WTP & WWTP Chemical Containment Improvements Project

HRC Job No.: 20160826

Purpose of Meeting: Pre-Bid Meeting

Date of Meeting: June 29, 2017, 10:00 AM

For the City of: City of Marysville

Location of Meeting: Marysville WTP, 1535 River Rd. Marysville, MI

Representative's Name	Company	Address	Phone & Fax Number	Email Address
DOUG WEST	DAK CONST	7077 S. FORK DR 27591 Schoolcraft Livonia, MI 48150	810 644 2302 810 644 2321	DAK@DUSTRATIONS @YAHOO.COM
Jacob Allard	Shenoin Williams Signature Contracting	25780 Plymouth Rd Redford, MI 48237	734-560-6504 313-337-7000 " 987-7000	jacob.a.allard@shenoin.com j33701m@signaturecontracting.com
John Szarama	CHARBOLL	32820 Capito / Livonia MI 48150	734 658 8715	MCO5BY@CHARBOLLING.COM Brandon@SUCDLC.COM
Mike Cosby	Smith's Waterproofing	3521 Vendyke Ave Almont MI 48003	910-799-2571 910-998-2574	Brandon@SUCDLC.COM
DAN MUNN	KERD PUMP	12380 CLEVELAND AVE OAK PARK MI 48237	586-292 8059	DANNUNN@KERDPUMP.COM DANNUNN
Benjamin Turner	Chemical Containment Systems	36650 Needdore Clinton Twp, MI 48035	586-792- 3325	benjamin@chemicalcontainment.com
Ben Roeder	Retter Electric	9522 Gary Ave Dearborn MI 48123	313 891-0334 313 891-0511	broeder@retterelectric.com



Meeting Sign-In Sheet

Bill Scrym	Prof Pup	Coca Cola Pine Bellune	566 615 860	bscopy@professionslump.com
Kyle Wood	Mid-American Group	8475 Port Sunlight Rd Newport MI	734-586-8868 734-596-8970	jealkhorn@midamericangroup.com mthompson@midamericangroup.com
Pete Gebrows	HPCO	32985 Industrial Court Livonia MI, 48150	734-788-8235	PGEBROW@HPCO.COM
Scott Stevens	RES Construction	6209 Hickory Dr Coopersville, MI 48938	810-962-6718	SCSFUTBAL@OUTLOOK.COM SRSfootball
Dave Swartz	Stephenson Builders	3045 Durbin Street	313-993-5777	OFFICE@SEBUSA.COM
Mike Turn	BRENCA CONTRACTORS	26079 Schenker Way Warren, MI 48090	586-758-6000	mtam@brenca.net
Dan Venskusi	EPL Const Group	300 Airpark Drive Flint MI, 48507	810-744-4300	davv@eplogroup.com
Bob Hicks	PLATINUM MECHANICAL	5051 Exchange Dr Flint, MI, 48507	810-244-9571	BOB@PLATINUMMECHANICAL.COM