

Cedar Street Reservoir Rehabilitation

ADDENDUM NO. 3
July 21, 2023

THIS IS AN ADDENDUM

TO PROSPECTIVE BIDDERS AND OTHERS CONCERNED:

This addendum amends or supplements the Procurement Section, Drawings and other provisions of the Contract Documents as indicated below. All provisions which are not so amended or supplemented remain in full force and effect.

The terms used in this Addendum have the meanings stated in the General Conditions. Additional terms used in this Addendum have the meanings stated below, which are applicable to both the singular and plural thereof.

I. PROCUREMENT

- A. Updated Bid Form 00 42 13 Addendum #3 attached.
 - i. Update new camera pay item to be an allowance of \$15,000.00.

II. DRAWINGS

- A. Replace the following plan sheets:
 - i. C-301
 - 1. Added light pole detail.

III. CONTRACT DOCUMENTS

- A. GENERAL REQUIREMENTS
 - i. CAT 6 between the remote I/O and the pump station shall be revised to a CAT 6A.
 - ii. Replace specification section 01 20 00 Price and Payment Procedures with attached version.
 - 1. Update new camera pay item to be an allowance.

IV. CONTRACTOR QUESTIONS & ANSWERS

- A. What is the average height of the reservoir? Average height of the reservoir is 20ft.

Prospective bidders shall attach this Addendum page to their proposal and shall sign the Addendum and submit same with bid and shall enter Addendum Number and date on the Bid Form. Failure to include signed Addendum with bid proposal shall be cause for rejection of bid.

(Bidder)

By: _____

Date: _____

Title: _____

SECTION 00 41 13

BID FORM

ARTICLE 1 – BID RECIPIENT

1.1 This Bid is submitted to:

The City of Flint
Department of Purchases and Supplies
1101 S. Saginaw Street, Room 203
Flint, MI 48502

Attn: Lauren Rowley
Purchasing Manager

(Hereinafter called Owner)

1.2 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.1 Bidder accepts all of the terms and conditions of the Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 120 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner. Bidder shall sign and deliver the required number of counterparts of the Agreement with the bonds and other documents required by the Bidding Documents within twenty (20) days after the issuance date of the Notice of Award.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.1 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified in SC-4.2 as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.6 as containing reliable "technical data."
- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 3.1.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- J. In connection with the performance of Work under this Contract, Bidder agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition or developmental disability, or national origin.
- K. The submission of this Bid constitutes and incontrovertible representation by the Bidder that the Bidder has complied with every requirement of the Bidding Documents, and that without exception, the Bid prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER’S CERTIFICATION

4.1 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.1.D:
 - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 - 2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.1 Bidder will complete the Work in accordance with the Contract Documents for the prices identified below.

- A. Unit Prices shall be computed in accordance with Paragraph 11.3.B of the General Conditions.
- B. The Owner reserves the right to award additional assignments once a Contract’s original scope of work is completed and accepted by the Owner.
- C. The Contractor shall not be entitled to renegotiate any unit pricing based upon the quantity of any work.
- D. Bidder acknowledges that quantities of work are not guaranteed. Final payment for all unit price Bid items will be based on actual quantities of work completed as described in the Contract Documents.

E. The City of Flint reserves the right to reject any or all Bids, or to accept or reject any Bid in part, and to waive any minor informality or irregularity in the Bid received if it is determined by the City of Flint, or their designee, that the best interest of the City will be served by doing so. No Bid will be considered from any person, firm, or corporation in arrears or in default to the City on any contract, debt, taxes, or other obligation, or if the Bidder is debarred by the City of Flint from consideration for a Contract award.

The undersigned bidder will complete the Work in accordance with the Contract Documents for the following pay items.

Item No.	Description	Quantity	Units	Unit Price	Bid Amount
1	Mobilization	1	LS		
2	Clearing and Site Preparation	1	LS		
3	Site Demolition	1	LS		
4	Conc Patching	100	SF		
5	Concrete Crack Repair	1600	LF		
6	Top Slab Expansion Joint Repair	570	LF		
7	Exterior Wall and Base Slab Expansion Joint Repair	1010	LF		
8	Overflow Headwall	1	EA		
9	Sluice Gates (48")	2	EA		
10	Sluice Gates (36")	1	EA		
11	Roof Hatch (3' x 3')	3	EA		
12	Roof Hatch (4' x 4')	2	EA		
13	Roof Hatch (5' x 2'6")	3	EA		
14	Roof Hatch (5' x 3'6")	2	EA		
15	Sand Blast and Paint Vent	10	EA		
16	Clean Exposed Masonry Wall – Sikagard-850	3700	SFT		
17	22" Candy Cane Vent with Screen	8	EA		
18	Replace Vent Screen	10	EA		
19	Sluice Gate Operators	3	EA		
20	Limit Switches	11	EA		
21	1" Conduit	416	LF		
22	¾" Conduit	745	LF		
23	Replace Electrical Panel	2	EA		
24	New Security Camera Allowance	1	Allow	\$15,000.00	
25	New Lights	3	EA		
26	Silt Fence	2000	LF		
27	Rip-Rap	7	CYD		
28	Replace Handrail	470	LF		
29	Replace 36" Butterfly Valve	3	EA		
30	Replace 6" Gate Valve	1	EA		
31	Replace 12" Gate Valve	1	EA		
32	24" Reinf. Conc. Pipe CL-IV	8	LF		
33	Replace 24" Flap Gate	1	EA		
34	30" Flap Gate	1	EA		
35	42" Flap Gate	2	EA		
36	Roof Slab Bottom Coating	135000	SFT		
37	Construction Joint Repair	2100	LF		
38	Fiberglass Ladder	12	EA		

39	Crystalline Waterproofing	8550	SFT		
40	Brick Weep Holes	1	LS		
41	Bottom Slab Survey	1	LS		
42	Tank Deterioration Allowance	1	Allow	\$100,000.00	
43	Masonry Tuck Pointing	2000	SFT		
44	Paving Alternative 1	954	SYD		
45	Paving Alternative 2	447	SYD		
46	Paving Alternative 3	945	SYD		
47	Building Permit Allowance	1	Allow	\$20,000.00	
Total					\$

Items 44, 45, and 46 may be deleted from the contract.

Pay items have been computed in accordance with Article 11 of the General Conditions. Work not specifically listed as a Pay Item is included in the Pay Items listed and will not be paid for separately.

In accordance with the above understanding, the undersigned proposes to perform the Work, furnish all labor, materials and equipment to complete the Work in its entirety in the manner and under the conditions required for the Contract Price of

\$ _____.

Total Bid Amount in Words

G. This Contract will be awarded to the lowest responsive, responsible Bidder. The Bidder(s) to whom an award is made will be notified at the earliest possible date. Tentative acceptance of the Bid, intent to recommend award of a contract, and actual award of the Contract will be provided by written notice sent to the Bidder at the address designated in the bid. After a final award of the Agreement by the City of Flint, the Bidder must execute and perform said Agreement. If, for by reasons of refusal by the Bidder, a contract is not executed with the selected Bidder after notice of recommendation for award, then the City may recommend the next lowest responsive and responsible Bidder.

H. Bidder acknowledges that:

1. Each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor’s overhead and profit for each separately identified item, and
2. Estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

- 6.1 Bidder agrees that the Work is anticipated to be substantially complete on or before February 17, 2024 and will be completed and ready for final payment in accordance with Paragraph 14.7 of the General Conditions on or before March 18, 2024.
- 6.2 Bidder accepts the provisions of the Agreement as to liquidated damages should final completion exceed anticipated completion date based upon mutual acceptance of the contract

- parties.
- 6.3 **All Work shall be done under a one (1) year warranty.**

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.1 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security in the form of a Bid Bond. Refer to Section 00 43 13;
 - B. Non-collusion Affidavit of Prime Bidder included as Exhibit B.
 - C. Bid Certification Form included as Exhibit C.
 - D. List of Proposed Subcontractors. Use the form included as Exhibit D.
 - E. List of Proposed Suppliers. Use the form included as Exhibit E.
 - F. List of Project References. Use the form included as Exhibit F.
 - G. Evidence of authority to do business in the state of Michigan; or a written covenant to obtain such license within the time for acceptance of Bids;
 - H. Contractor's License No: [_____] (if applicable) Evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;
 - I. Required Bidder Qualification Statement with Supporting Data; and
 - J. Ownership statement. Use the form included as Exhibit G.
 - K. Supplemental information as defined in Article 3 of the Instructions to Bidders.

ARTICLE 8 – DEFINED TERMS

- 8.1 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

9.1 This Bid is submitted

by: An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

A Partnership

Partnership Name: _____

By: _____
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____
Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____
(CORPORATE SEAL)

Attest _____

Date of Qualification to do business in Michigan is ____/____/____.

A Joint Venture

Name of Joint Venture: _____

First Joint Venturer Name: _____(SEAL)

By: _____
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____(SEAL)

By: _____
(Signature of first joint venture partner - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

Bidder's Business Address _____

Phone No. _____ Fax No. _____

E-mail _____

SUBMITTED on _____, 20____.

State Contractor License No. _____.

Sworn and subscribed to before me this

_____ day of _____, 20____.

Notary or other officer authorized to administer oaths

My commission expires: _____, 20____.

(Bidders shall not add any conditions or qualifying statements to this Bid as otherwise the Bid may be declared irregular as being not responsive to the advertisement. **BIDDERS SHALL USE THIS BID FORM IN SUBMITTING THEIR BIDS.**)

Bidder acknowledges that the above representations are material and important and will be relied on by the Owner in awarding the Contract(s) for which this Bid is submitted. The Bidder understands that misstatement in this Bid is and shall be treated as fraudulent concealment from the Owner of the true facts relating to the submission of the Bid for this Contract.

Bidder, being duly sworn, deposes and states that he is the person making the above Bid or is authorized to make this Bid on behalf of said partnership, joint venture or corporation; and that said Bid is genuine and not sham or collusive, and is not made in the interest of or on behalf of any person, partnership, joint venture, or corporation not therein named, and that he has not directly or indirectly induced or solicited any bidder to put in a sham bid; that he has not directly or indirectly induced or solicited any other person, partnership, joint venture, or corporation to refrain from bidding, and that he has not in any manner sought by collusion to secure himself or to said partnership, joint venture, or corporation an advantage over other bidders.

EXHIBIT A

CHECKLIST OF ITEMS REQUIRED FOR SUBMISSION OF BID

BIDDERS MUST COMPLETE THIS SHEET AND SUBMIT WITH THEIR BID, ALONG WITH THE FOLLOWING ITEMS

- ___ Checklist form – Exhibit A
- ___ Non-Collusion Affidavit – Exhibit B
- ___ Bid Certification – Exhibit C
- ___ Capacity information
 - Bidder has to provide information on their capacity to perform the work outlined in the bid documents.
 - Provide a historical summary of work that demonstrates the required experience, both in time and quantity of work completed.
- ___ Experience and qualifications
 - Identify all subcontractors (if applicable) and provide same information as proposed bidder. – Exhibit D
 - Identify all equipment and suppliers (if applicable) intended to be utilized for this contract. – Exhibit E
- ___ References
 - Supply at least five (5) references from municipalities (city, county, township, etc.) or communities (or developments) demonstrating experience working on projects that are similar in size and scope to this project. Please include customer's name, dates of contracts, summary of services provided, reference contact name, phone number, and address. – Exhibit F
- ___ Other
 - Ownership Statement – Exhibit G
 - Identify the name of the landfill or approved disposal site in which excavation spoils, debris, and waste will be disposed for the period of this contract. The City may request financial information of said landfill or disposal site at a later date.
 - Describe how your company meets or exceeds the minimum experience qualification of the services requested.
 - Any information that the vendor would like to submit with their proposal.
- ___ Supplemental information as defined in Article 3 of the Instructions to Bidders.
- ___ Bid Bond – Section 00 43 13

PLEASE NOTE: FAILURE TO SUBMIT THE ABOVE ITEMS WILL RESULT IN A REJECTION OF YOUR BID.

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EXHIBIT B

NON-COLLUSION AFFIDAVIT

State of _____:

s.s.

County of _____:

I state that I am _____ of _____
(Title) (Name of Firm)

and that I am authorized to make this affidavit on behalf of my Firm, its Owner, Directors and Officers. I am the person responsible in my firm for the price(s) and the amount of the bid.

I state that:

1. The price(s) and the amounts of this bid have been arrived at independently and without consultation, communication or agreement with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of the bid, and neither the approximate price(s) nor the approximate amount of the bid, have been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before the bid opening.
3. No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or noncompetitive or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a discussion with, or inducement from, any firm or person to submit a complementary or noncompetitive bid.
5. _____, its affiliates, subsidiaries, officers, directors and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as follows:

I state that _____ understands and
(Name of Firm)

Acknowledges that the above representations are material and important and will be relied on by the City of Flint, Department of Purchases and Supplies in awarding the contract(s) for which this bid is submitted. I understand and my firm understands that misstatement in this affidavit is and shall be treated as fraudulent concealment from the City of Flint, Department of Purchases and Supplies of the true facts relating to the submission of bids for this contract.

(Signature)

(Printed Name)

(Position / Job Title)

EXHIBIT C

BID CERTIFICATION FORM

THIS PAGE MUST BE COMPLETED AND INCLUDED WITH THE BID

The undersigned hereby certifies, on behalf of the respondent named in this Certification (the "Respondent"), that the information provided in this offer submitted to the City of Flint, Department of Purchases and Supplies is accurate and complete, and that I am duly authorized to submit same. I hereby certify that the Respondent has reviewed all documents and requirements included in this offer and accept its terms and conditions.

Company (Respondent): _____

Address: _____

City, State & Zip Code: _____

Phone / Fax Number: _____

Email: _____

Authorized Representative: _____
(Printed)

(Signature)

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EXHIBIT D

LIST OF SUBCONTRACTORS

Herewith is the list of Subcontractors referenced in the Bid submitted by:

(Bidder)

City of Flint, Department of Purchases and Supplies
(Owner)

dated _____

The following work will be performed (or provided) by the following Subcontractors, and coordinated by us:

SECTION OF WORK	SUBCONTRACTOR'S NAME

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EXHIBIT E

LIST OF SUPPLIERS

Herewith is the list of Suppliers referenced in the Bid submitted by:

(Bidder)

City of Flint, Department of Purchases and Supplies
(Owner)

dated _____

The following work will be performed (or provided) by the following Suppliers, and coordinated by us:

SECTION OF WORK	EQUIPMENT NAME	SUPPLIER'S NAME

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EXHIBIT F

PROJECT REFERENCES

Herewith is the list of Project References referenced in the Bid submitted by:

(Bidder)

City of Flint, Department of Purchases and Supplies
(Owner)

dated _____

The following work will be performed (or provided) by the following Project References, and coordinated by us:

PROJECT	
Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	
Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	

Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	
Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	
Owner's Name	
Owner's Contact Person	
Owner's Contact Phone Number	
Owner's Contact Address	
Owner's Contact Email Address	
Description of Work (include value of contract and date of work):	

EXHIBIT G
OWNERSHIP STATEMENT

OWNER - City of Flint, Department of Purchase and Supplies
ENGINEER - City of Flint or their designee
PROJECT - *Cedar Street Reservoir Rehabilitation*

ARTICLE 1

1.1 If the Bidder is a corporation, partnership, limited partnership, limited liability corporation, limited liability partnership or a subchapter S corporation, the Bidder, in compliance with P.L. 1977, Chapter 33, shall submit, with the Bid, the following statement setting forth the names and addresses of all stockholders or individual partners who own ten percent (10%) or more of its stock or interest. If one or more such stockholder or partner is itself a corporation, partnership, limited partnership, limited liability corporation, limited liability partnership or a subchapter S corporation, the stockholders holding ten percent (10%) or more of that corporation's stock, or the individual partners owning ten percent (10%) or greater interest in that partnership, as the case may be, shall also be listed.

IF NONE, SO STATE

INDIVIDUAL

ADDRESS

NOTE: ADDITIONAL SHEETS CONSISTING OF PAGES ARE ATTACHED.

END OF SECTION

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01 22 00

UNIT PRICE

01 22 00

01 22 13

METHOD OF MEASUREMENT 01 22 13

A. General

Quantities of work completed under the contract will be measured by the Engineer according to United States standard measures unless otherwise noted.

Quantities of materials furnished and of work performed under the contract will be determined by methods of measurement and computations that are generally recognized as conforming to good engineering practice.

1. Aggregates furnished and measured by weight will paid including an allowance for moisture of up to six [6%] percent moisture. Where aggregate field tests indicate moisture content is greater than 6%, a payment adjustment shall be made. The excess weight above 6% moisture shall be deducted from the scale weights.
2. In-place cubic yard (ICY) shall be the volume based on field survey data and the "average end area" methods.
3. Truck cubic yard (TCY) shall be the volume of each specific truck bed by design. Based on the full volume of each truck bed level with the top rail.
 - a. Each truck removing material from the site shall:
 - 1) _____ mark designation
 - 2) _____ Owner
 - 3) _____ Bed volume struck
4. Tons: (2,000 pounds) as recorded on weight scales having a "Department of Agriculture" certificate valid for one year at the time of weighing. Payment for this Work shall be made on the basis of weight tickets noting project, contractor, time, date, gross, tare and net weights.

All items of work for this contract will be measured in units as indicated on the Proposal and as noted herein. CF, cubic feet; CYD, cubic yard; EA, each; LS., lump sum; LF., linear feet; SYD, square yard; SF., square feet; T, Ton (2000 lb.); AC, acre 43560 sf; ICY, in-place cubic yard; TCY, truck cubic yard.

01 22 16

UNIT PRICE PAY ITEMS

01 22 16

Item No. 1 Mobilization

Payment for this item shall include project cost related to preparatory work, operations, and General Requirements Division, Audio Video and Traffic control and signage, less sub articles amounts paid as separate items. The Lump Sum (L.S.) amount shall be paid in increments on a basis of work completed: 0%, 10% and 25% for pay of this item at 50%, 70%, and 100% respectively.

Item No. 2 Clearing and Site Preparation

Payment for this item shall include all labor, material, and equipment necessary for site clearing and preparation. The completed work shall be paid for at the contract Lump Sum price.

Item No. 3 Site Demolition

Payment for this item shall include all labor, material, equipment, and disposal cost necessary to perform site demolition as indicated on the Drawings. The completed work shall be paid for at the contract Lump Sum Price.

Item No. 4 Concrete Patching

Payment for this item shall include all labor, material and equipment necessary to prepare the surface, place bonding agent, place patching material, formwork as necessary, clean rebar and cure concrete patching per Detail 1/S-103 on sheet S-103. The completed work shall be paid for at the contract unit price.

Item No. 5 Concrete Crack Repair

Payment for this item shall include all labor, material and equipment necessary to complete the concrete crack repair by grout injection. This item shall include material labor equipment, injection site preparation and cleanup necessary to complete the

process as shown on Detail 2/S-103 sheet S-103. The completed work shall be paid for at the contract unit price.

Item No. 6 Top Slab Expansion Joint Repair

Payment for this item shall include all labor, material and equipment necessary to complete the top slab expansion joint repair including excavation, water proofing, backer rod, joint filler, backfill, top soil seed and mulch and restoration necessary to complete the repair per Detail 4/S-103 on sheet S-103. The maximum weight of equipment allowed on top of the reservoir will be limited to 4,000 Lbs. The depth of fill over the reservoir is approximately 30 inches. The completed work shall be paid for at the contract unit price.

Item No. 7 Exterior Wall and Base Slab Expansion Joint Repair

Payment for this item shall include all labor, material, cleaning and equipment necessary to complete the exterior wall and base slab expansion joint repair per Detail 5/S-103 as shown on sheet S-103. The completed work shall be paid for at the contract unit price.

Item No. 8 Overflow Headwall

Payment for this item shall include all labor, material, and equipment necessary to replace the overflow headwall as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 9 Sluice Gates, 48"

Payment for this item shall include all labor, material, and equipment necessary to replace the 48-inch sluice gate as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 10 Sluice Gates, 36"

Payment for this item shall include all labor, material, and equipment necessary to replace the 36-inch sluice gate as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 11 Roof Hatch (3 x 3')

Payment for this item shall include all labor, material, and equipment necessary to replace the roof hatch as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 12 Roof Hatch (4' x 4')

Payment for this item shall include all labor, material, and equipment necessary to replace the roof hatch as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 13 Roof Hatch (5' x 2'-6")

Payment for this item shall include all labor, material, and equipment necessary to replace the roof hatch as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 14 Roof Hatch (5' x 3'-6")

Payment for this item shall include all labor, material, and equipment necessary to replace the roof hatch as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 15 Sand Blast and Paint Vent

Payment for this item shall include all labor, material, and equipment necessary for surface preparation to paint the vents as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 16 Clean Exposed Masonry Wall

Payment for this item shall include all labor, material, and equipment necessary to clean the existing exposed masonry wall and to apply protective coating. Cleaning of exposed masonry wall shall be based a two time application of cleaning materials or a single application of dustless blasting. The completed work shall be paid for at the contract unit price.

Item No. 17 22" Candy Cane Vent with Screen

Payment for this item shall include all labor, material, and equipment necessary to install the 22-inch candy cane vent with screen as detailed in the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 18 Replace Vent Screen.

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace the existing vent screens as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 19 Sluice Gate Operators

Payment for this item shall include all labor, material, and equipment necessary to furnish and install sluice gate operators for the proposed sluice gates as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 20 Limit Switches

Payment for this item shall include all labor, material, and equipment necessary to furnish and install limit switches as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 21 1" Conduit

Payment for this item shall include all labor, material, and equipment necessary to install 1-inch conduit as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 22 3/4" Conduit

Payment for this item shall include all labor, material, and equipment necessary to install 3/4-inch conduit as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 23 Replace Electrical Panel

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace the existing electrical panels as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 24 New Security Camera Allowance

Payment for this item will be the actual costs of labor, material, and equipment necessary to furnish and install new security cameras as indicated on the Drawings.

Item No. 25 New Light

Payment for this item shall include all labor, material, and equipment necessary to install new lights as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 26 Silt Fence

Payment for this item shall include all labor, material, and equipment necessary to replace the roof hatch as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 27 Rip-Rap

Payment for this item shall include all labor, material, and equipment necessary to furnish and place rip rap as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 28 Replace Handrail

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace all proposed handrailing with new fiberglass handrailing as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 29 Replace 36" Butterfly Valve

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace the existing 36" butterfly valve as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 30 Replace 6" Gate Valve

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace the existing 6" gate valve as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 31 Replace 12" Gate Valve

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace the existing 12" gate valve as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 32 24" Reinf. Conc. Pipe CL-IV

Payment for this item shall include all labor, material, and equipment necessary to furnish and install 24" Reinforced Concrete Pipe, Class IV as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 33 Replace 24" Flap Gate

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace the 24" Flap Gate as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 34 Replace 30" Flap Gate

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace the 30" Flap Gate as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 35 Replace 42" Flap Gate

Payment for this item shall include all labor, material, and equipment necessary to furnish and replace the 42" Flap Gate as indicated on the Drawings. The completed work shall be paid for at the contract unit price.

Item No. 36 Roof Slab Bottom Coating

Payment for this item shall include all labor, material, cleaning and equipment necessary to complete the coating of the bottom side of the roof slab and 2 feet of exterior walls per Note 3 on Sheet S-101 & S-102. The completed work shall be paid for at the contract unit price.

Item No. 37 Construction Joint Repair

Payment for this item shall include all labor, material, cleaning and equipment necessary to complete the construction joint repair per Detail 3/S0193 as shown on sheet S-103. The completed work shall be paid for at the contract unit price.

Item No. 38 Fiberglass Ladder

Payment for this item shall include all labor, material, cleaning and equipment necessary to remove the existing manhole rungs and install a new fiberglass ladder with fall extension post and fall arrest system as noted on sheets S-101 and S-102. The completed work shall be paid for at the contract unit price.

Item No. 39 Crystalline Waterproofing

Payment for this item shall include all labor, material, cleaning, equipment and curing necessary to surface apply crystalline waterproofing as noted on Sheet S-102. The completed work shall be paid for at the contract unit price.

Item No. 40 Brick Weep Holes

Payment for this item shall include all labor, material, cleaning and equipment necessary to remove the existing brick weep holes and to install the new weep holes as noted on sheet S-102. The completed work shall be paid for at the contract unit price.

Item No. 41 Bottom Slab Survey

Payment for this item shall include all labor, material, and equipment necessary to perform a visual inspection and delamination survey of the bottom slab and providing documentation of any noted deterioration as indicated on sheets S-101 and S-102. Cleaning of the tank shall be covered under a separate item. The completed work shall be paid for at the contract unit price.

Item No. 42 Tank Deterioration Allowance

Payment for this item shall include all labor, material, and equipment necessary to perform structural repairs required within the reservoir discovered during the Bottom Slab Survey or other deficiencies not noted on the contract drawings. The completed work shall be paid for out of the allocated allowance upon review and approval from the Engineer and Owner.

Item No. 43 Masonry Tuck Pointing

Payment for this item shall include all labor, material, and equipment necessary for tuck pointing damaged or defective brick and grout on the masonry wall located along the south side of the south reservoir. The completed work shall be paid for at the contract unit price.

Item No. 44 Paving Alternative 1

Payment for this item shall include all labor, material, and equipment necessary for milling of existing asphalt and placement of 2 ½" of 4C asphalt as depicted in the bid drawings. The completed work shall be paid for at the contract unit price.

Item No. 45 Paving Alternative 2

Payment for this item shall include all labor, material, and equipment necessary for removal of existing stone drive, placement of 6" 21AA crushed limestone base, and 4" of 4C asphalt as depicted in the bid drawings. The completed work shall be paid for at the contract unit price.

Item No. 46 Paving Alternative 3

Payment for this item shall include all labor, material, and equipment necessary for removal of existing stone drive, placement of 6” 21AA crushed limestone base, and 4” of 4C asphalt as depicted in the bid drawings. The completed work shall be paid for at the contract unit price.

Item No. 47 Building Permit Allowance

Payment for this item will be the actual cost to obtain the building permits from the City of Flint.

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CONTRACT MODIFICATIONS

01 26 00

1.01 SUMMARY

- A. This Section includes forms/documents to be used for modifying/changing this Contract.
 - 1. Forms shall be used by the Contractor or Engineer as needed.
 - 2. Pay Application Forms should be submitted on EJCDC form C-620
 - 3. Field Orders (FO) shall be submitted on EJCDC Form C-942
 - 4. Change Order (CO) shall be submitted on EJCDC Form C-941

1.02 REFERENCES

A. Definitions:

- RFI: Request for Interpretation
Initiated by Contractor and processed by the Engineer.
- FO: Field Order (EJCDC Form C-942)
Initiated by Engineer for Contractor’s immediate action (variance from contract, future actions, impacting this project)
- Bulletin: Proposal Request
Initiated by Engineer requesting new/additional pricing for an anticipated/changing of the Contract Work
- CO: Change Order (EJCDC Form C-941)
This document changes the Contract/Agreement Amount. All other forms can be supporting documents especially FO and Bulletins.
- SMS: Stored Material Summary
Part of the Contractor’s Pay application form EJCDC C-620

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PAYMENT PROCEDURES

01 29 00

PAYMENT SUBDIVISIONS 01 29 73

- A. Payment application shall be supported by Work subdivisions:
 - 1. Unit prices as noted in the proposal/ agreement or
 - 2. Schedule of Values. Shall be a subdivision of cost of Work, listed in the Proposal, and/or the further subdividing of the proposal cost by technical specifications categories; agreed between the Contractor and the Engineer.

01 29 76

PAYMENT PROCEDURES 01 29 76

- A. Payment Application shall be submitted on the “Contractor’s Application for Payment” form EJCDC- C-620. The Application shall list the ‘Unit Prices’ or ‘Schedule of Values’. The sum of the extended ‘unit prices’ or the ‘schedule of values’ shall equal the agreed “Contract Prices”.
- B. Other Attachments to the “Contractors Application for Payment” shall be as listed”
 - 1. Noted in the Supplementary Conditions art .SC- 6.00 ‘Contractors Responsibilities
 - 2. Required by Funding Agencies.

C. Contractual Payment and Retainage Procedure are further delineated.

00 55 00 – Agreement, article (retainage)

00 72 13 – General Conditions, Article 14

00 73 16 – Supplementary Conditions: SC 14.02c (time)

