



MANAGEMENT SERVICES DEPARTMENT
PURCHASING DIVISION
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Kalamazoo, Michigan 49007-4796
Telephone (269) 337-8020
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cokpurchasing@kalamazoo.org

ADDENDUM #1
September 29, 2020

TO: ALL Prospective Bidders
PROJECT: Milham Park Dam Removal
BID REFERENCE #: 95939-001.0
BID OPENING DATE/TIME: October 6, 2020 @ 3:30 p.m. Local Time

The purpose of this addendum is to clarify and/or modify the Drawings and/or Specifications for this project. All work affected is subject to all applicable terms and conditions of the Bidding and Contract Documents.

1. **NOTE:** Please use **REVISED SECTION II – BID and AWARD – See Attachment #1**
2. **Pre-Bid Meeting Minutes provided by Stantec – See Attachment #2**
3. **ADD Section 01 22 00 – Measurement and Payment – See Attachment #3**
4. **REVISED SHEET C-102 – See Attachment #4**

QUESTIONS & ANSWERS FROM BIDDERS

1. **QUESTION:** Are the weir drawings available?
ANSWER: Yes, issued in addendum.
2. **QUESTION:** Do we know the depth of the sheet pile weir?
ANSWER: Yes, as-built drawings indicate 16-foot long piles.
3. **QUESTION:** Will pump around or stream diversion be required?
ANSWER: Not unless specifically required by EGLE permit conditions upon issuance. Temporary dewatering and pump around may be utilized for construction as part of Contractor's means and methods for control of water and erosion and sediment control.
4. **QUESTION:** Are concrete walls to be removed?
ANSWER: Concrete or other walls are only to be removed if required to install structures shown in the drawings. The intent of the design is to leave most walls upstream of the weir in place.
5. **QUESTION:** Is equipment permitted to work within the stream to install riffles and structures?
ANSWER: Yes, equipment access to the stream is anticipated to be allowed during low flow conditions.
6. **QUESTION:** Is access from both sides of the creek allowed for equipment?
ANSWER: Where access does not interfere with park operations (primarily golf course operations) or impact wetlands, access is allowed from both sides of the stream.
7. **QUESTION:** Are trees that are "leaning" and overhanging the impoundment to be removed?
ANSWER: Trees that have either fallen or will imminently fall into the impoundment shall be removed. See Question 19. All material from these trees may be used in construction of brush toe, toe wood, or variable constructed riffles. No export of removed trees is anticipated.
8. **QUESTION:** Is there removal of material from site?
ANSWER: Material not suitable for growing grass in the spoil area must be removed or used in other bank/bed structures. It is anticipated that all soil removed from the impoundment may be spoiled on site and that all woody material, cobbles, or boulders can be used in riffles or bank installations. Debris from weir removal or other non-native material must be removed from site.

9. **QUESTION:** Will excavated materials removed from site need to be sent to a sanitary landfill?
ANSWER: *Testing completed during design and planning did not yield results requiring disposal of sediments in a landfill. Contractor shall be responsible for disposal of non-native material, sheet piling, and associated man-made structures removed as a part of toe wood, brush toe, or weir removal as required based upon the material.*
10. **QUESTION:** Asphalt condition: is contractor responsible for repairs?
ANSWER: *Contractor shall protect existing asphalt drives to the greatest extent practical. Contractor shall maintain existing access drives and parking areas if asphalt is damaged to a point where use by the public is impeded. Contractor may replace damaged asphalt in parking areas with crushed, compacted stone. Contractor shall replace damaged asphalt in access drives with cold patch asphalt.*
11. **QUESTION:** existing bridge has an 18-ton weight limit, can equipment smaller than 18 tons cross the bridge?
ANSWER: *No equipment larger than a standard pick-up truck shall cross the bridge.*
12. **QUESTION:** Should tree removal be included in bid
ANSWER: *A bid item for “tree removal, up to 7 trees” has been added to the bid form. The City and Engineer anticipate that all material from tree removal will be used on site in construction of the brush toe, toe wood, or variable constructed riffles. Removal of trees may be accomplished using equipment such as an excavator during construction.*
13. **QUESTION:** There appears to be a bust in Sheet 6 of the drawings associated with the riffle at approximately STA 7+00.
ANSWER: *This riffle will not be constructed. No installation of riffle material will occur under bridges. Revised drawing sheet included in addendum and revised quantity of Variable Constructed Riffle included in revised bid form.*
14. **QUESTION:** Will the temporary haul road shown on Sheet C-100 be paid as a part of the Construction Entrance?
ANSWER: *No, the temporary haul road shown is an access point which avoids disturbance to existing trees. Contractor may choose to use a different access route and will be responsible for restoration of any vegetation in haul road areas, but this is not considered a part of the Construction Entrance bid item.*
15. **QUESTION:** On note 2 of the Construction Sequence outlined on sheet C-504 it describes “construct temporary parking and site storage areas”. Is there a detail you can provide that will give a better idea of what will need to be done to construct these temp parking and staging areas? Such as materials we will need to bring in for them.
ANSWER: *There is not a detail nor are there specific requirements for the temporary staging and storage areas. Temporary staging, storage, and parking areas must meet the requirements of local stormwater pollution prevention regulations and shall be adequately sized for Contractor’s needs. The drawings and specifications do not have specific requirements for the staging and storage area. The limits shown are the maximum extent allowed without written approval from owner. Contractor shall be responsible for restoration of any areas used for temporary staging, storage, or parking. Additional construction barrier fencing may be necessary for public exclusion and safety.*
16. **QUESTION:** Will CAD files be made available to bidders with existing and proposed grades?
ANSWER: *CAD files will not be made available during the bidding process. CAD files showing benchmarks, limits of structures, existing and proposed grades, and disturbance limits will be provided to the selected Contractor.*
17. **QUESTION:** Will the stormwater outfall headwall at approx. STA 4+00 stay in place (some grading is shown in this area)?
ANSWER: *Yes, the existing stormwater outfall and headwall will remain in place in their current condition and location. Adjacent grading.*

The Addendum can be viewed and downloaded from the City's website at <https://www.kalamazoo.org/bidopportunities>.

In order for a bid to be responsive, this signed and dated addendum must be returned with your bid. If you have already submitted your bid, acknowledge receipt and acceptance of this addendum by signing in the place provided and returning it to the undersigned and it shall be incorporated in your bid. Please identify your return envelope with the bid reference number and project description.

Sincerely,



Michelle Emig
Purchasing Division Manager

- c: Patrick McVerry, Parks & Recreation
- Rob Myllyoja, Stantec
- Jim Moyer, Stantec
- Jonathan Scheibly, Stantec
- Prevailing Wage File

FIRM: _____

SIGNED: _____

NAME: _____
(Type or Print)

DATE: _____



ADDENDUM #1

Attachment #1

Revised Section II: Bid & Award

**Milham Park Dam Removal
Bid Reference #: 95939-001.0**

REVISED
SECTION II
BID AND AWARD

The undersigned having become thoroughly familiar with all of the bid/contract documents incorporated herein, the project site and the location conditions affecting the work, hereby proposes to perform everything required to be performed in strict conformity with the requirements of these documents, and to provide and furnish all the equipment, labor and materials necessary to complete in a professional manner the furnishing and installing of all of the following, meeting or exceeding the specifications as set forth herein for the prices as stated below.

BID WITH PREVAILING WAGES. This project will be awarded WITH Prevailing Wages.

MILHAM PARK DAM REMOVAL

Item No.	Description	Quantity	Unit	Unit Price	Total Amount
1	Mobilization and Site Prep	1	LS		
2	Construction Barrier Fence (Refer to 02-00-01)	500	LF		
3	Maintenance of Traffic	1	LS		
4	Construction Entrance (Refer to 02-00-02)	60	SY		
5	Construction Layout and Staking (Refer to 02-00-03)	1	LS		
6	Soil Erosion and Sediment Control (Refer to 02-00-04)	1	LS		
7	Sheet pile Weir & Abutment Removal (Refer to 02-00-05)	1	LS		
8	Bulk Earthwork (Refer to 02-00-06)	3,700	CYD		
9	Fine Grading (Refer to 02-00-07)	1,100	CYD		
10	Brush Toe (Refer to 02-00-08)	257	LF		
11	Toe Wood (Refer to 02-00-09)	100	LF		
12	Variable Constructed Riffles – Includes Sub Pavement (Refer to 02-00-10)	879	SY		
13	Erosion Control Blanket (Refer to 02-00-11)	1,050	SYD		
14	Seeding and Mulching Zone 1 (Refer to 02-00-12)	1.7	AC		
15	Seeding and Mulching Zone 2 (Refer to 02-00-12)	2.0	AC		
16	Live Stakes (Refer to 02-00-13)	800	EA		
17	Natural Stone Outfall Stabilization (Refer to 02-00-14)	30	TN		
18	Removal of Trees	7	EA		
TOTAL BID AMOUNT:		\$			

ALTERNATE BID WITHOUT PREVAILING WAGES to gather information on the cost of completing projects WITHOUT Prevailing Wages. This project will be awarded WITH Prevailing Wages.

MILHAM PARK DAM REMOVAL

Item No.	Description	Quantity	Unit	Unit Price	Total Amount
1	Mobilization and Site Prep	1	LS		
2	Construction Barrier Fence (Refer to 02-00-01)	500	LF		
3	Maintenance of Traffic	1	LS		
4	Construction Entrance (Refer to 02-00-02)	60	SY		
5	Construction Layout and Staking (Refer to 02-00-03)	1	LS		
6	Soil Erosion and Sediment Control (Refer to 02-00-04)	1	LS		
7	Sheet pile Weir & Abutment Removal (Refer to 02-00-05)	1	LS		
8	Bulk Earthwork (Refer to 02-00-06)	3700	CYD		
9	Fine Grading (Refer to 02-00-07)	1100	CYD		
10	Brush Toe (Refer to 02-00-08)	257	LF		
11	Toe Wood (Refer to 02-00-09)	100	LF		
12	Variable Constructed Riffles – Includes Sub Pavement (Refer to 02-00-10)	879	SY		
13	Erosion Control Blanket (Refer to 02-00-11)	1050	SYD		
14	Seeding and Mulching Zone 1 (Refer to 02-00-12)	1.7	AC		
15	Seeding and Mulching Zone 2 (Refer to 02-00-12)	2.0	AC		
16	Live Stakes (Refer to 02-00-13)	800	EA		
17	Natural Stone Outfall Stabilization (Refer to 02-00-14)	30	TN		
18	Removal of Trees	7	EA		
TOTAL BID AMOUNT:		\$			

Bidder shall provide all of the information as requested herein with their bid. **Failure to do so and/or failure to provide post-bid requested information may be cause for rejecting the bid as non-responsive.**

~~Work shall start within 10 working days after receipt of notification by Contractor of Notice to Proceed, and final completion shall be May 1, 2021.~~

Contractor shall submit a 'Mobilization Date' to Owner. Notice of mobilization must be given a minimum of 10 business days prior to Contractor beginning work. Contractor shall have 90 days from the Mobilization Date to reach Substantial Completion, which shall be defined as completion of all demolition, grading, bank structures, and in-stream structures. Work shall not take place during any window restricted by the EGLE permit conditions (likely **October 15, 2020 to April 30, 2021**). Contractor shall reach Substantial Completion before **September 3, 2021** and Final Completion before **October 1, 2021**. Contractor may, if they choose, complete weir removal under a separate mobilization to allow sediments to dewater.

Bidder/Contractor has examined and carefully studied the bidding documents and attachments, and acknowledges receipt of the following addenda:

Addendum No: _____

Dated: _____

By my signature below, I certify that the firm bidding on this contract, when making hiring decisions, does not use a past criminal conviction as a bar to or preclude a person with a criminal conviction from being considered for employment with the bidding firm unless otherwise precluded by federal or state law. I further certify that I have read and agree to be bound by the provisions of the City's Non-Discrimination Clause found in Appendix A as updated by City Ordinance 1856.

Signed: _____ Name: _____

Title: _____



ADDENDUM #1

Attachment #2
Pre-Bid Meeting Minutes

Milham Park Dam Removal
Bid Reference #: 95939-001.0

Section 01 22 00 – Measurement and Payment

PART 1 - GENERAL

1.1. SUMMARY

- A. This section includes procedures for measurement and payment of items of the Work.

1.2. GENERAL REQUIREMENTS

- A. Changes in the Work shall not be considered as a waiver of any conditions of the Contract nor invalidate any provisions thereof.
- B. Contractor shall take no advantage of any apparent error or omission in Plans for Construction or Technical Specifications, and Owner shall be permitted to make corrections and interpretations as may be deemed necessary for fulfillment of the intent of the construction documents.
- C. Wherever proprietary systems are approved, method of payment for alternative procedures and methods shall be determined by the Owner on a basis equivalent to Payment for system as specified.
- D. All other time and materials necessary for completion of the Work that are not specifically called out as a bid item shall be incorporated into the provided bid items as incidental.
- E. All Bid Items shall be Lump Sum unless otherwise indicated below. Quantities presented in the Bid Form were generated as a part of the design and are considered a best estimate of quantities required to complete the Work as shown in the Drawings and indicated in the Specifications. Contractor shall be responsible for verifying site conditions and quantities.

PART 2 - BID ITEMS

2.1. MOBILIZATION AND SITE PREPARATION

- A. This Work includes installation of infrastructure and facilities necessary to begin construction including, but not limited to, sanitary facilities, tree and miscellaneous structure removal, stockpile/storage area establishment, and delivery of equipment to site.
- B. The Demobilization Work includes the removal of all personnel, infrastructure, equipment, and facilities installed for temporary use during construction and shall be considered incidental to this pay item.
- C. If the Contractor elects to demobilize and remobilize before completion of the Work, no additional payment will be made.
- D. Payment for this item shall be on a Lump Sum basis at the price given in the Bid Table for completion of the Work. 50% of the Lump Sum price shall be paid upon mobilization. The remaining 50% of the Lump Sum price shall be paid as a part of the final payment application.

2.2. CONSTRUCTION BARRIER FENCE

- A. This Work includes installation of fence as shown on the Drawings. Construction Barrier Fence shall be installed such that the public is excluded from active work areas along portions of the site identified in the Drawings.
- B. Payment for Item 2 – Construction Barrier Fencing shall be Unit basis per linear foot at the rate given in the Bid Table and shall be considered full compensation for all material, labor, equipment, and incidentals necessary to complete the Work. Maintenance of the Construction Barrier Fence shall be considered incidental to the Work.

2.3. MAINTENANCE OF TRAFFIC

- A. This Work consists of furnishing, installing, and maintaining signage and signals indicated in the Drawings or Specifications for control and maintenance of vehicular and pedestrian traffic. Work shall also include removal and replacement of signage and barricades at “temporary” closure locations to maintain park operations as indicated in the Drawings and these Specifications.
- B. Payment for Item 3 – Maintenance of Traffic shall be on a Lump Sum basis at the price given in the Bid Table for completion of the Work and shall be considered full compensation for all material, labor, equipment, and incidentals necessary to complete the Work. 50% of the Lump Sum price for Item 3 shall be paid upon initial installation of signage and barricades. A maximum of 10% of the Lump Sum price shall be paid in subsequent payment applications. The balance of the Lump Sum price shall be paid upon completion of all Work.

2.4. CONSTRUCTION ENTRANCE

- A. This Work consists of installation of a construction entrance as indicated on the Construction Drawings and in accordance with Section 02 00 02 of these Specifications.
- B. Work shall be measured and considered complete when the construction entrance has been completed as indicated in the Drawings and required by permits. An estimated quantity in square yards is presented in the Bid Form for bidders’ use in preparation of bids, but bidders shall be responsible for verifying quantities and the Lump Sum bid for Item 4 shall constitute the price for installation of the construction entrance.
- C. Payment for this item will be on a Lump Sum basis for installation of the construction entrance as indicated in the Drawings. The Lump Sum price shall be considered full compensation for all supervision, labor, equipment, tools, materials and incidentals necessary to build the structure. Ongoing required maintenance of the structure shall be considered incidental to the Work.

2.5. CONSTRUCTION LAYOUT AND STAKING

- A. This Work consists of furnishing, survey location, placing, and maintaining construction layout stakes and control points, including, but not limited to, additional or replacement control points, bankfull stakes, centerline stakes, and structure

locations necessary for the proper execution of the work under the contract.

- B. Payment for Construction Layout and Staking shall be on a Lump Sum basis in amount identified in the Bid Schedule and shall be considered full compensation for all material, labor, equipment, and incidentals necessary to complete the Work.
- C. Removal of layout stakes at the completion of work is incidental to this item and is required as a condition of full payment as part of Demobilization under Item 1 – Mobilization and Site Preparation. Control points, where they do not interfere with park operations, shall be left in place upon completion of Work.
- D. Contractor shall ensure that an approved means of accurately verifying the elevation of installed structures is available on-site for the duration of construction. Furnishing and operating this equipment shall be considered incidental to the cost to the respective structures and shall not be included in the Work for this item.

2.6. SOIL EROSION AND SEDIMENT CONTROL

- A. This Work consists of all activities necessary to control erosion and stormwater during construction. This is anticipated to include development of plans and permits as required by the City, State, or Federal regulatory agencies or required by these Specifications.
- B. Measurement and Payment for this item will on a Lump Sum basis in amount identified in the Bid Schedule for Work performed in accordance with Section 02 00 04 – Soil Erosion and Sediment Control. The lump sum price shall be full compensation for all supervision, labor, equipment, and incidentals required to install, inspect, and maintain sediment control features.

2.7. SHEET PILE WEIR REMOVAL

- A. This Work consists of removing and disposing of the sheet pile weir and designated infrastructure as shown in the Construction Drawings and in accordance with Section 02-00-05 – Sheet Pile Weir Removal.
- B. Measurement and Payment for this item will on a Lump Sum basis at the price give in the Bid Table. The lump sum price shall include all supervision, labor, materials, equipment, tools, and incidentals necessary to demolish the dam to the specified elevation in accordance with the Drawings and Specifications.
- C. Excavation required to access the sheet pile weir or other infrastructure requiring removal shall be considered incidental to the Work.

2.8. BULK GRADING

- A. This Work consists of excavating material from the impoundment, dewatering excavated material, movement of excavated material to the designated spoil location, and grading of the material as directed by Owner.
- B. Measurement and Payment for this item will be on a Lump Sum basis at the price indicated in the Bid Table. The lump sum price shall include all supervision, labor, materials, equipment, tools and incidentals necessary to excavate material and place

material at the spoils area to the specified elevations in accordance with the Drawings and/or as directed by the Owner or Engineer.

2.9. FINE GRADING

- A. This Work consists of grading material within the impoundment to meet the finish grades specified in the Drawings. Work may include temporary stripping and stockpiling of material, sediment and erosion control associated with temporary stockpiles, and amendment of *in situ* soils as needed to promote vegetation establishment.
- B. Measurement and Payment for this item will be on a Lump Sum basis at the price indicated in the Bid Table. The lump sum price shall include all supervision, labor, materials, equipment, tools, and incidentals necessary finish grade to the specified elevations in accordance with the Drawings and/or as directed by the Owner or Engineer.

2.10. BRUSH TOE

- A. This Work consists of placement of all woody material, rock, soil, and erosion control fabric to construct brush toe as indicated in the Drawings. Overexcavation and fine grading to meet proposed grades are considered incidental to this Work.
- B. Payment for this item shall be made at a Per Unit rate basis at the price per linear foot of brush toe installed indicated in the Bid Table. The unit price shall include all supervision, labor, materials, equipment, tools and incidentals necessary to complete the Work.

2.11. TOE WOOD

- A. This Work consists of placement of all woody material, rock, soil, and erosion control fabric to construct toe wood as indicated in the Drawings. Overexcavation and fine grading to meet proposed grades are considered incidental to this Work.
- B. Payment for this item shall be made on a Unit basis at the price per linear foot of toe wood installed indicated in the Bid Table. The unit price shall include all supervision, labor, materials, equipment, tools and incidentals necessary to complete the Work.

2.12. VARIABLE CONSTRUCTED RIFFLES

- A. This Work includes all overexcavation, compaction of subpavement, placement of woody debris and rock, and finish grading required to install riffles as indicated in the Drawings. Creation of micro pools within the variable riffles shall be considered incidental to the Work.
- B. Payment for this item shall be made on Unit basis for each square yard of variable riffle installed. The unit price shall include all supervision, labor, materials, equipment, tools and incidentals necessary to complete the Work.
- C. Grading of the “glide” and “run” transitions into and out of each riffle are considered incidental to the Work.

2.13. EROSION CONTROL BLANKET

- A. This Work consists of Erosion Control Blanket as shown on the Construction Drawings and in accordance with Section 02-00-11 of these Specifications.
- B. Payment for this item will be made on a Unit basis at the price per square yard of installed erosion control blanket indicated in the Bid Table, excluding overlaps and keyed-in blanket. The unit price shall include all supervision, labor, materials, equipment, tools and incidentals necessary to place the erosion control blanket in the in accordance with the Drawings, and the Manufacturer's installation instructions.
- C. Coir erosion control fabric to encapsulate soil above toe wood and brush toe are excluded from Item 13 and shall be considered incidental to installation of those structures.

2.14. SEEDING ZONE 1

- A. This Work consists of preparation of soil, placement of seed, and placement of straw mulch in areas noted as Zone 1. Seeding rates shall meet or exceed supplier recommendations. All cover crop seed as recommended by the seed supplier shall be considered incidental to the work.
- B. Payment for this item will be on a Unit per acre basis for the price indicated in the Bid Table. The lump sum price quoted shall be full compensation for all supervision, labor, equipment, tools, materials and incidentals necessary to seed and mulch Zone 1.
- C. Contractor may provide establishment services such as re-seeding, seasonal mowing, and watering in order to meet the warranty requirements of Item 14. No additional payment shall be made for such services and they will be considered incidental to the Work.

2.15. SEEDING ZONE 2

- A. This Work consists of preparation of soil, placement of seed, and placement of straw mulch in areas noted as Zone 2. Seeding rates shall meet or exceed supplier recommendations.
- B. Payment for this item will be on Unit per acre basis at the price indicated in the Bid Table. The lump sum price quoted shall be full compensation for all supervision, labor, equipment, tools, materials, and incidentals necessary to build the structure.
- C. Contractor may provide establishment services such as re-seeding, seasonal mowing, and watering to meet the warranty requirements of Item 15. No additional payment shall be made for such services and they will be considered incidental to the Work.

2.16. LIVE STAKES

- A. This Work consists of furnishing and installing live cuttings.
- B. Payment shall be made at the Unit price per each live stake installed. The unit price shall include full compensation for all supervision, labor, equipment, tools, materials,

and incidentals necessary to complete the work in designated areas as shown on the Drawings or as directed.

2.17. NATURAL STONE OUTFALL STABILIZATION

- A. This work consists of furnishing and placing stone at one outfall along the right-descending bank of the proposed channel.
- B. Payment for this item will be at the Unit price per ton of installed rock. The unit price shall include all supervision, labor, materials, equipment, tools and incidentals necessary to place rock.
- C. Overexcavation for placement of rock and fine grading to smoothly transition shall be considered incidental to the Work.

END OF SECTION 01 22 00



ADDENDUM #1

Attachment #3

Section 01 22 00 – Measurement and Payment

**Milham Park Dam Removal
Bid Reference #: 95939-001.0**

City of Kalamazoo, MI

Portage Creek at Milham Park

ADDENDUM ITEMS

September 28, 2020

Pre-Bid Meeting Notes/General Notes

- 1) Introductions
 - a) City of Kalamazoo - Owner
 - b) Stantec – Engineer
- 2) Project Scope
 - a) Remove Sheetpile Weir
 - i) All demolition debris must leave site
 - b) Re-grade and re-vegetate approximately 1,600 LF of channel
 - c) Stabilize banks/bed with structures as shown
- 3) Clarification of bid items
 - a) Item 8 – Bulk Earthwork assumes all material associated with this item will be removed from the existing impoundment and spoiled, graded, and stabilized within the spoils area noted in the Drawings. Any granular material such as gravel, cobble, and boulders or woody debris may be used in Variable Riffle, Toe Wood, or Brush Toe construction if it meets the gradation requirements.
 - b) Item 9 – Fine Grading assumes all material associated with this item will be graded within the existing footprint of the impoundment. That is, material will be pushed from one portion of the impoundment to another to fill to proposed finished grades.
- 4) Submission of questions or requests for clarifications
 - a) Submit as indicated in bid documents
 - b) Please send questions early if possible, answers will be provided in addenda issued through the bid website
- 5) Addenda
 - a) Kalamazoo will issue addenda
 - b) First addendum to include unstamped, editable final drawings for Contractor information only
 - c) Second addendum to include Q&A, notes from this meeting, revision to substantial completion date, qualifications statement requirement
- 6) Critical timeline
 - a) Weir removal and excavation must meet permit window – not yet issued but assumed to be after May 1, 2021
 - b) Preference is to complete construction in a single mobilization, but Contractor may remove weir or complete planting in separate mobilizations

City of Kalamazoo, MI

Portage Creek at Milham Park

ADDENDUM ITEMS

September 28, 2020

outside of the 90-day window for in-channel construction work (see revision to bid document Page 3).

- 7) Basis of Award
 - a) Qualifications statement required
 - b) Lowest Qualified and Best

- 8) Woody Material – available from the City of Kalamazoo
 - a) Woody material is available
 - b) While adequate material may be available from the stockpile, Contractor shall be responsible for acquiring additional woody material if required
 - c) Contractor will be responsible for transporting from **282 Nazareth Rd. Kalamazoo, MI** should Contractor elect to use City supplied materials

City of Kalamazoo, MI

Portage Creek at Milham Park

ADDENDUM ITEMS

September 28, 2020

Questions & Answers from Bidders

- 1) Q – Are the weir drawings available
A – Yes, issued in addendum
- 2) Q – Do we know the depth of the sheet pile weir
A – Yes, as-built drawings indicate 16-foot long piles
- 3) Q – Will pump around or stream diversion be required
A – Not unless specifically required by EGLE permit conditions upon issuance. Temporary dewatering and pump around may be utilized for construction as part of Contractor’s means and methods for control of water and erosion and sediment control.
- 4) Q – Are concrete walls to be removed?
A – Concrete or other walls are only to be removed if required to install structures shown in the drawings. The intent of the design is to leave most walls upstream of the weir in place
- 5) Q – Is equipment permitted to work within the stream to install riffles and structures?
A – Yes, equipment access to the stream is anticipated to be allowed during low flow conditions
- 6) Q - Is access from both sides of the creek allowed for equipment
A - Where access does not interfere with park operations (primarily golf course operations) or impact wetlands, access is allowed from both sides of the stream
- 7) Q – Are trees that are “leaning” and overhanging the impoundment to be removed?
A – Trees that have either fallen or will imminently fall into the impoundment shall be removed. See Question 19. All material from these trees may be used in construction of brush toe, toe wood, or variable constructed riffles. No export of removed trees is anticipated.
- 8) Q – Is there removal of material from site?
A – Material not suitable for growing grass in the spoil area must be removed or used in other bank/bed structures. It is anticipated that all soil removed from the impoundment may be spoiled on site and that all woody material, cobbles, or boulders can be used in riffles or bank installations. Debris from weir removal or other non-native material must be removed from site.
- 9) Q Will excavated materials removed from site need to be sent to a sanitary landfill?
A – Testing completed during design and planning did not yield results requiring disposal of sediments in a landfill. Contractor shall be responsible for disposal of non-native material, sheet piling, and associated man-made structures removed as a part of toe wood, brush toe, or weir removal as required based upon the material.

City of Kalamazoo, MI

Portage Creek at Milham Park

ADDENDUM ITEMS

September 28, 2020

10)Q – Asphalt condition: is contractor responsible for repairs?

A – Contractor shall protect existing asphalt drives to the greatest extent practical. Contractor shall maintain existing access drives and parking areas if asphalt is damaged to a point where use by the public is impeded. Contractor may replace damaged asphalt in parking areas with crushed, compacted stone. Contractor shall replace damaged asphalt in access drives with cold patch asphalt.

11)Q – existing bridge has an 18-ton weight limit, can equipment smaller than 18 tons cross the bridge?

A – No equipment larger than a standard pick-up truck shall cross the bridge.

12)Q – Should tree removal be included in bid

A – A bid item for “tree removal, up to 7 trees” has been added to the bid form. The City and Engineer anticipate that all material from tree removal will be used on site in construction of the brush toe, toe wood, or variable constructed riffles. Removal of trees may be accomplished using equipment such as an excavator during construction.

13)Q – There appears to be a bust in Sheet 6 of the drawings associated with the riffle at approximately STA 7+00.

A – This riffle will not be constructed. No installation of riffle material will occur under bridges. Revised drawing sheet included in addendum and revised quantity of Variable Constructed Riffle included in revised bid form.

14)Q – Will the temporary haul road shown on Sheet C-100 be paid as a part of the Construction Entrance?

A - No, the temporary haul road shown is an access point which avoids disturbance to existing trees. Contractor may choose to use a different access route and will be responsible for restoration of any vegetation in haul road areas, but this is not considered a part of the Construction Entrance bid item.

15)Q - On note 2 of the Construction Sequence outlined on sheet C-504 it describes “construct temporary parking and site storage areas”. Is there a detail you can provide that will give a better idea of what will need to be done to construct these temp parking and staging areas? Such as materials we will need to bring in for them?

A - There is not a detail nor are there specific requirements for the temporary staging and storage areas. Temporary staging, storage, and parking areas must meet the requirements of local stormwater pollution prevention regulations and shall be adequately sized for Contractor’s needs. The drawings and specifications do not have specific requirements for the staging and storage area. The limits shown are the maximum extent allowed without written approval from owner. Contractor shall be responsible for restoration of any areas used for temporary staging, storage, or parking. Additional construction barrier fencing may be necessary for public exclusion and safety.

City of Kalamazoo, MI

Portage Creek at Milham Park

ADDENDUM ITEMS

September 28, 2020

16)Q – Will CAD files be made available to bidders with existing and proposed grades?

A – CAD files will not be made available during the bidding process. CAD files showing benchmarks, limits of structures, existing and proposed grades, and disturbance limits will be provided to the selected Contractor.

17)Q – Will the stormwater outfall headwall at approx. STA 4+00 stay in place (some grading is shown in this area)?

A – Yes, the existing stormwater outfall and headwall will remain in place in their current condition and location. Adjacent grading and structures shall smoothly transition to the outfall headwall.

City of Kalamazoo, MI

Portage Creek at Milham Park

ADDENDUM ITEMS

September 28, 2020

Bid Reference #: 95939-001.0 Revisions

On Page 3 of the bid document:

Replace - "Work shall start within 10 working days after receipt of notification by Contractor of Notice to Proceed, and final completion shall be May 1, 2021"

With - "Contractor shall submit a 'Mobilization Date' to Owner. Notice of mobilization must be given a minimum of 10 business days prior to Contractor beginning work. Contractor shall have 90 days from the Mobilization Date to reach Substantial Completion, which shall be defined as completion of all demolition, grading, bank structures, and in-stream structures. Work shall not take place during any window restricted by the EGLE permit conditions (likely October 15, 2020 to April 30, 2021). Contractor shall reach Substantial Completion before October 1, 2021 and Final Completion before September 3, 2021. Contractor may, if they choose, complete weir removal under a separate mobilization to allow sediments to dewater."



ADDENDUM #1

Attachment #4
Revised Sheet C-102

Milham Park Dam Removal
Bid Reference #: 95939-001.0

