



CITY OF ANN ARBOR
WATER TREATMENT SERVICES

September 10, 2010

To: All Contract Document Holders

Re: Addendum to the Contract Documents for the Argo Dam Toe Drain Improvements
Bid No. ITB-4119.

Attached is a copy of Addendum Number One for the Argo Dam Toe Drain Improvements Project. This Addendum supersedes and updates the Contract Document information for Bid No. ITB-4119. All proposers shall acknowledge receipt and acceptance of this Addendum Number One by so indicating on the Proposal Form located in the existing Contract Documents. Proposals submitted without acknowledgment of receipt of this Addendum will be considered informal. If you have any questions regarding the Contract Documents or this Addendum, please contact Brian Steglitz, Sr. Utilities Engineer, Water Treatment Plant at (734) 794-6426 ext. 43905 between 8:00 AM and 5:00 PM, Monday thru Friday.

Sincerely,


Brian Steglitz, P.E.
Sr. Utilities Engineer

enc

Water Treatment Plant, 919 Sunset Road, Ann Arbor, Michigan 48103-2924

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ADDENDUM NO. 1
BID DOCUMENTS
FOR
ARGO DAM TOE DRAIN IMPROVEMENTS
FOR THE
CITY OF ANN ARBOR, MICHIGAN

The following changes, additions, and/or deletions shall be made to the Bid Documents for the Argo Dam Toe Drain Improvements Project for the City of Ann Arbor, Michigan, Bid No. ITB – 4119 on which proposals are to be received, on or before, 2:00 P.M. Wednesday, September 15, 2010.

The information contained herein shall take precedence over the original documents and all previous addenda, and is appended thereto.

All proposers shall acknowledge receipt and acceptance of this Addendum No. 1 including all attachments, by so indicating on page P-1 of the Proposal Form. Proposals submitted without acknowledgement of receipt of this addendum will be considered informal.

Changes in the Bid Documents which are outlined below are referenced to a page or drawing in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they affect work or details in other areas not specifically referenced here. Changes to the original text are bolded and underlined.

GENERAL

Pre-Bid Meeting Attendance Sheet – the pre-bid meeting attendance sheet is attached.

SPECIFICATIONS

BID FORM SECTION 1 – SCHEDULE OF PRICES

Replace Pages BF-1-2, in its entirety.

SECTION 02010 SITE GENERAL PROVISIONS

Revise Page 1, 1.02 CLEARING AND GRUBBING, A. – F., as follows:

1.02 CLEARING AND GRUBBING

- A. The CONTRACTOR shall clear and grub the ditch work area and embankment of all wild brush, trees, and debris which may be present and interfering with construction and shall remove and dispose of the same. ~~There are approximately 100 to 120 trees (6" to 20") that must be felled and their stumps removed along the ditch work area.~~
- B. Prior to the Notice to Proceed, the OWNER will remove all ~~trees (leaving only the stumps) and cut down brush located on the embankment between the ditch and the head race~~ **dead and dying trees on the embankment (approx. 90), and all downed trees on the embankment and in the ditch. All stumps associated with this work will be left for removal as part of this project.** The CONTRACTOR must remove all ~~stumps and pull out any remaining brush on the embankment~~ **other remaining trees (not including landmark trees) and brush on the embankment and in the ditch.**

- C. Project includes an approximate total of 120 trees **6" dbh or greater** that must be felled and their stumps removed, and another 90 stumps **6" dbh or greater** that must be removed. **No count has been performed for trees and brush less than 6" dbh that must be removed. Site walk-through by potential bidders is necessary.**
- D. No clearing or grubbing is required on the secondary embankment between the ditch and the river, unless necessary for spoils placement. The CONTRACTOR shall take care to not disturb landmark trees located on this embankment.
- E. All cleared vegetation and brush can be chipped on site for final disposal. All cleared vegetation including stumps and brush must be **chipped on site or** removed from the site and properly disposed of. No burning of vegetation will be allowed.
- ~~F. The width of the cleared area along the banks shall be sufficient to dispose of the excavated earth in accordance with the drain improvements.~~

SECTION 02010 SITE GENERAL PROVISIONS

Remove Page 2, 1.04 TREE REMOVAL, A. – C.:

1.04 TREE REMOVAL

- ~~A. Those trees and/or tree limbs that would impede the logical progression of the channel excavation and all equipment necessary thereto shall be removed. Remove all stumps located in the bottom of the drain. Stump removal and disposal is incidental to the work.~~
- ~~B. CONTRACTOR shall protect all trees greater than 6 inches in diameter and shall seek the approval of the OWNER or OWNER's REPRESENTATIVE prior to removing trees greater than 6 inches.~~
- ~~C. Trees which interfere with the work, and the removal of which is permitted, shall be removed by the CONTRACTOR at his expense and in a safe manner. Such tree removal shall not be a pay item but considered incidental to the work. Where trees are to be removed or are permitted to be removed by the OWNER or OWNER's REPRESENTATIVE, the CONTRACTOR shall remove such trees and stumps to a depth of at least one foot below the proposed finish grade. All stumps, roots, logs, branches, brush and debris shall be chipped on site or removed from the site and disposed of by the CONTRACTOR.~~

QUESTIONS AND ANSWERS

- Q. Can the headrace be dewatered prior to construction?
- A. **Yes, stop plates can be installed for City staff and the water surface elevation in the headrace can be lowered.**
- Q. Is grading of the embankment required?
- A. **Generally speaking, it is the intent of the project to keep the slope of the embankment unchanged. Finish grading on the embankment will be required to 1) feather in the newly placed spoils, 2) smooth low spots if present (to assist with mowing), 3) restore the site.**
- Q. Can the stumps be ground down?
- A. **No, stumps and roots must be removed in their entirety.**

Q. Please clarify the City's responsibility with the existing vegetation.

A. **The City is currently and separately contracting the removal of all dead and dying trees on the embankment (approx. 90), and all downed trees on the embankment and in the ditch. All stumps associated with this work will be left for removal as part of this project ITB – 4119. The contractor on this project will be required to remove all other remaining trees (not including landmark trees) and brush on the embankment.**

It is the scope of this project to remove all trees, brush and stumps in their entirety from the embankment and ditch.

BID FORM

Section 1 – Schedule of Prices

Project: Argo Dam Toe Drain Improvements

File No.: 11001

Bid No.: ITB-4119

NOTES:

1. All bidders shall provide a Unit Price and Total Price for all bid items identified (including Alternate items).
2. Quantities included in bid table represent estimated quantities for different work. Contractor shall be compensated for the actual quantities using the unit prices provided.
3. Any item not provided in the following list shall be considered incidental.
4. The City, at their sole discretion, may elect to delete any portion of the work delineated below with no change to the unit prices provided.

Item	Description	Unit	Quantity	Unit Price	Total Price
1	Drainage Ditch Improvements - Including mobilization, protection of bridges, signage, safety fencing, tree protection, soil erosion control measures including silt fencing, dewatering and control of on-site water, temporary dams, erosion control matting, access road, clearing, grubbing, stump removal, vegetation disposal, dewatering, grading and placement of spoils, rip rap, geotextile fabric, seeding, restoration, demobilization and all other items required to complete the Work.	LS	1	\$	\$
2	Toe Drain Repair within the Drainage Ditch - Including locate, excavate, repair VCP drain with 4-inch diameter Schedule 80 PVC pipe (assume 10-foot length each drain), coupling (if required), identification post, bedding material, riprap, geotextile fabric, routing drain clean and all other items required to complete the Work.	EA	47	\$	\$
3	Toe Drain Repair along the River's Edge - Including locate, excavate, repair VCP drain with 4-inch diameter Schedule 80 PVC pipe (assume 10-foot length each drain), coupling (if required), identification post, bedding material, riprap, geotextile fabric, Aquadam or similar barrier, dewatering, routing drain clean and all other items to complete the Work.	EA	8	\$	\$

Item	Description	Unit	Quantity	Unit Price	Total Price
4	Additional repair to damaged VCP drain tile - Including additional excavation, perforated pipe with geotextile sock (assume 15-foot length of additional pipe for each drain), additional bedding material, additional backfilling and all other additional items required to complete the Work.	EA	30	\$	\$
5	Embankment Improvements – Includes improvements to the embankment outside of the clearing, grubbing and seeding for the drainage ditch improvements. Only applies to the embankment to the north of the toe drains including the entire embankment where the toe drains discharge to the river. Including clearing and grubbing of all brush, removal of stumps, vegetation disposal, surface grading, tilling 4-inches of existing topsoil, seeding entire embankment, erosion control mats, <u>two (2) year maintenance warranty</u> and all related work.	LS	1	\$	\$
6	Rock Gabion & Field Stone Shore Stabilization – Including excavation, placement of bedding material, placement of filter fabric, construction and placement of the rock-filled gabions, field stone rip rap installation, backfill, compaction, placement of gravel on the pathway, restoration and all other additional items required to complete the Work.	LF	210	\$	\$
7	Allowance – Allowance for permits per specification Section 01210.	LS	1	\$ 4,000.00	\$ 4,000.00
TOTAL BASE BID					\$

Alternate Bid Items					
Item	Description	Unit	Quantity	Unit Price	Total Price
A	River Opening Riprap – Provisional work for the installation of heavy riprap at each of the river openings including placement, geotextile fabric, and all related work.	CYD	300	\$	\$
B	Topsoil – In lieu of tilling the top 4-inches of the embankment, includes the placement of 3-inches of clean topsoil from outside source over the embankment.	CYD	600	\$	\$
TOTAL ALTERNATE BID					\$



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Stantec

PRE-BID MEETING ATTENDANCE

Date: August 30, 2010

Project: City of Ann Arbor
 Argo Dam Toe Drain Improvements

File No.: 11001
 Bid No.: ITB-4119

Name/Representing	Address	e-mail address	Phone/Fax	
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Molly Wade City of Ann Arbor		mwade@a2gov.org	p	
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REID HOLLOWELL JOHN HOLLOWELL + ASSOCIATES	2843 WATERS RD. ANN ARBOR, MI 48103	JOHN@JHOLLOWELL.COM	p	(734) 668-7519
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DAVID ROGERS CTI AND ASSOCIATES, INC.	51331 W. PONTIAC TRAIL WIXOM, MI 48393	drogers@cticompanies.com	p	248-486-5100
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Date: August 30, 2010

Project: City of Ann Arbor
 Argo Dam Toe Drain Improvements

File No.: 11001
 Bid No.: ITB-4119

Name/Representing	Address	e-mail address	Phone/Fax
Jeff Lowell JC BEAL CONSTRUCTION		JLAWELL@JCBEAL.COM	p 734-662-6133 ext 126
			f 734-662-5609
Frank Moss Posen Construction	50500 DESIGN LANE SHELBY TWP MI 48317	BMoss@PosenConstruction.com	p 536-731-3442
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Ron Swan TSP Environmental	12411 Stark Rd. Livonia, MI 48150	rswan@tspenvironmental.com	p 734-838-0426
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File No.: 11001
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Name/Representing	Address	e-mail address	Phone/Fax	
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