

ADDENDUM NO. 1

APRIL 15, 2010

TO THE PROJECT MANUAL AND DRAWINGS FOR
CHERRY STREET RAW WATER TRANSMISSION MAIN
FOR THE
TOWN OF NORMAL, ILLINOIS

DATED: MARCH 2010

PREPARED BY: CLARK DIETZ, INC.

Note: This Addendum is hereby declared a part of the Contract Documents for the project designated above and in case of conflict, the following Addendum shall govern. Bidders shall state in their Bid Form that this Addendum has been received and is reflected in the Bid submitted.

GENERAL

Item No. 1 The meeting minutes from the April 13, 2010 pre-bid meeting shall become a part of the Contract Documents. These meeting minutes are included at the end of this addendum.

TO THE PROJECT MANUAL

Item No. 2 Section 02231; Paragraph 2.2.A.2; Add the following to the end of the paragraph:

“Alternatively, the Contractor shall keep the site clean of drilling fluids and remove excess using a vacuum truck.”

Item No. 3 Section 02510; Paragraph 3.2.C; Add the following sentence to the end of this paragraph:

“For parking areas and driveways, the minimum requirement is 6" of aggregate base and 2" of bituminous asphalt, or 4" of portland cement concrete.”

TO THE DRAWINGS

Item No. 4 Drawing 5; Add the following note to the lower panel:

“3. The abandoned 10 inch diameter pole located near Sta. 19+80 shall be removed and disposed.”

CONTRACTOR QUESTIONS

- No. 1 Can the water services be installed using horizontal directional drilling?
Yes.
- No. 2 Can an alternate material other than copper be used for the water service lines? *No.*

PRE-BID MEETING MINUTES
CHERRY STREET RAW WATER TRANSMISSION MAIN &
GRANDVIEW DRIVE, EASTVIEW DRIVE, DAVID DRIVE AND JULIENNE
DRIVE WATER MAIN REPLACEMENT
2:00 P.M. – Tuesday, April 13, 2010
Town of Normal Water Department

A. Sign in Sheet

1. Introductions – A sign-in sheet is attached.
2. Nothing the Town or the engineer says today is part of Contract Documents unless contained within the drawings, specifications or added by addendum.

B. Project Schedule (tentative)

1. April 13, 2010 – Pre-Bid Meeting
2. April 14, 2010 - One week prior to bid opening, all comments and questions are due to the engineer in WRITING (emails to Randy.Vanderwerf@clark-dietz.com or faxes okay). The Town will not be answering any questions directly. Nothing after that date will be addressed.
3. April 15, 2010, End of Day - The engineer will send an addendum (email or fax) to all planholders addressing all comments and questions. Meeting minutes will also be distributed.
4. April 21, 2010, 11:00 AM – Bids due at office of the Town Clerk
5. May 3, 2010 – Town Council Meeting
 - a. The award letter, subject to being within the Town's budget, will be mailed to the successful bidder for each project, along with the contracts, the day following the Council Meeting.
 - b. The successful bidder shall complete and return the contracts and insurance documents within fourteen days.
6. May 17, 2010 – Notice to Proceed
 - a. After the documents have been returned and they have been reviewed and are okay, the Town will sign the contracts and an official Contract Award and Notice to Proceed (Section 00700, Part 2.03) will be issued. The letter accompanying the Notice to Proceed will include the dates that we are starting the contract period and the date for substantial completion.

7. September 14, 2010 – Estimated substantial completion date (including surface replacement) based on the maximum of 120 days.
 8. October 14, 2010 – Complete seeding (30 days after substantial completion).
- C. After the bid is awarded, the schedule is as follows:
1. Within ten days of the Agreement, the spec's (Section 00700, Part 2.05) state you will submit the following schedules:
 - a. Preliminary Progress Schedule which includes the beginning and ending dates of various activities that you will be performing
 - b. Preliminary Shop Drawing Schedule
 - c. Abandonment Plan (Section 02230-1) – Submit 4 weeks prior to any abandonment.
 2. Preconstruction Conference (Section 00700, Part 2.06) will be scheduled within twenty (20) days of the Notice to Proceed. We will discuss the various schedules, shop drawing submittal procedure, progress pay procedures and related items.
 - a. Monthly progress meetings and biweekly coordination meetings (Section 01310) for schedules, sequencing of activities, road closures, etc.
 - b. Within your Progress Schedule (Section 00700, Part 6.04) you will show the project being completed within the contract time we have scheduled. If we find you are starting to fall behind, we will ask to see a revised schedule, showing your methods to complete the project by the required time. All of these procedures are contained within the specifications for the project.
- D. Bid Format: A + B Bidding
1. Total A + B is the basis for contractor selection. Allows some emphasis for a quicker substantial completion date.
 2. Only Part "A" is paid to the contractor.
 3. The contractor determines the length of contract up to a maximum of 120 calendar days for substantial completion after Notice to Proceed.
 4. Incentive of \$500/day up to 15 days for finishing early.
 5. Penalty of \$500/day for finishing late.
 6. The Bid Schedule lists several items which seem somewhat abbreviated; however, there is another portion of the spec, Section 01150, which is called Measurement and Payment. For every item in the Bid Form, you can find a corresponding item in the Measurement and Payment section that describes that item in detail. The

descriptions are very long and everything should be covered for the project in one of the descriptive items. If perhaps an item is not listed, but is needed to complete the work, the Contractor shall insert that cost into the most representative bid item. No additional pay for incidental fittings, etc.

- a. Concrete Curb and Gutter – Quantities listed in the Bid Schedules are conservative. The quantity was determined by any water main that is shown as 4 feet or less from the centerline of the pipe to the back of the curb. The Town does not expect to have this much curb and gutter removed and replaced and would prefer to salvage the existing curb where possible.
- b. Surface Replacement, Concrete
 - 1) Grandview Drive et al – complete panel replacement
 - 2) Cherry Street – 5 feet minimum width replacement. If the remaining undisturbed area of the affected panel is less than 5 feet wide on either side of the disturbed portion, this area shall also be removed and replaced.

E. Coordination with Landowners

1. Letter sent 2 weeks prior to work begins on that street (Section 01040-3)
2. Letter sent prior to service outage (48 hour notice)
3. Access to driveway at end of day (Section 01500-3)
4. No trimming or removal of existing trees and shrubs without the landowner's consent. This includes the portion within the Town's ROW.

F. Miscellaneous

1. Contractor responsible for providing construction survey.
2. Dust and Mud Control (Section 01500-2) – street sweepers required
3. Traffic Control (Section 00800 & 01500-3). A traffic control plan is required to be submitted for review. Two lanes open at all times (three preferably) along College Avenue. For all other streets, one lane of traffic shall remain open at all times unless written approval is given by the Town to temporarily close a street. The Town requires 48 hours notice prior to any lane closures.
4. Grandview Drive et al
 - a. ISU Graduation and Special Olympics require intersection of Adelaide Street at Eastview Drive and College Avenue at Eastview Drive to be kept open.
 - b. Suggested Sequence of Work for Grandview (Section 01040)

- c. Fire Hydrants must be installed prior to hydrostatic testing of the main so that all items are tested as one complete system. This shall occur prior to the abandonment of the existing water system.
- 1) Potholing of the existing utilities will be necessary to determine their depth and the new main's depth adjusted to avoid the utility. This shall be performed prior to ordering the correct depth of bury for the fire hydrant. Potholing is expected. Our intent is to order the correct depth of bury for the hydrant with the goal of not needing any hydrant extensions. There will be no 45 degree (or any other size) elbows on the hydrant leads.
5. Cherry Street
- a. Horizontal directional drilling with ductile iron pipe required along Constitution Trail. Driller must meet the experience requirements for at least 3 previously successful projects using 16" or larger restrained joint ductile iron pipe.
 - 1) Additional HDD may be performed (Section 02231-3) but railroad must remain a bore and jack installation.
 - b. Coordination with Union Pacific Railroad (Section 01040-4 and Appendix A)
 - 1) Notifications prior to entering ROW
 - 2) Additional insurance requirements beyond that required by the Town will need to be provided to the railroad.
 - 3) Contractor to pay any fees for inspector or flagman.
- G. Questions & Comments – The following is a list of questions asked, with responses indicated in italics. Some of the answers were developed after the meeting and are also included below.
1. Does the replacement concrete need to be doweled into the existing curb and pavement? *The concrete shall be doweled in on all four faces with 24 inch long #6 bars @ 30 inches on center.*
 2. Does the replacement concrete require wire fabric? *No.*
 3. Can a pneumatic hammer be used to install the casings? *No, the casings shall either be open cut or bored and jacked as called out on the drawings.*
 4. Is the Town providing the hydrastop, tapping sleeve and tapping valve? The drawings say "yes", but the specifications say "no". *The Town will provide the hydrastops, tapping sleeves and tapping valves. In the Grandview specification, Section 01150, Page 3, Paragraph 1.5.A states that the Contractor shall include*

“excavation for hydrastops, tapping sleeves and tapping valves”, but not the actual hydrastop, tapping sleeve and tapping valve materials.

5. Is the Town charging for their time to perform the hydrastops and taps? *No.*
6. Is the thickness of the existing asphalt pavement known? *No.*
7. What is the minimum width of flexible pavement to be removed? *Per the Existing Flexible Pavements Trench Section detail included in the Drawings, the saw cut is 12 inches minimum beyond the width of the trench on each side.*
8. What are the minimum traffic control requirements overnight? *Additional information is in the specifications, but a minimum of one lane needs to remain open with barricades protecting the open excavation. The contractor remains solely responsible for job site conditions.*
9. When new water services cross the existing curb, will the contractor be compensated for curb and gutter replacement? *As per Section 01150, pavement, sidewalk, and curb and gutter removal and replacement are included within the pay item for the service tap and connection. The intent is the same for the fire hydrants. The concrete curb and gutter pay item is only paid when the new water main is constructed parallel to the curb and the existing curb and gutter cannot be salvaged.*
10. There are approximately six existing water service curb boxes that are located within paved driveways. How much of the driveway needs to be replaced? *The quantity of pavement to be removed and replaced will be determined in the field by the Owner prior to pavement removal. The cost for the pavement removal and replacement will be paid for based on the square yard unit price submitted in the Bid for Portland Cement Concrete Sidewalk Replacement.*
11. Can the abandoned pole on the west side of the railroad ROW be removed? *Yes.*
12. Where shall we obtain water for the horizontal directional drilling process? *At the Water Treatment Plant.*
13. Is Builder's Risk insurance required for these projects? *No.*
14. Will the potential union strike affect the contract period? *This would be addressed by Section 00700-33, Paragraph 12.03.*
15. Will you allow substitutions for the pipe installed using horizontal directional drilling? *No, only ductile iron pipe will be used.*
16. If we decide to perform directional drilling on other portions shown on the drawings as being open cut construction, how will we be compensated? *As per Section 02231-3, Paragraph 1.5.D, compensation will be at the unit price indicated in the Bid Form for open cut water main construction plus the*

associated pavement replacement included in the Bid Form. Note that sanitary and storm sewer separation requirements including casings will need to be met.

17. What is the engineer's estimate? *This has not been finalized yet, but is in the range of \$1.3 to \$1.5 million for the two projects combined.*
18. What thickness is required for sidewalks? *All sidewalks and driveways to be replaced shall meet the Town's minimum thicknesses requirements, or match the existing thickness, whichever is greater.*

INC.
WEST LAFAYETTE, IN

TOWN OF NORMAL
CHERRY STREET RAW WATER TRANSMISSION MAIN &
GRANDVIEW, EASTVIEW, DAVID DRIVE AND JULIENNE DRIVE WATER MAIN REPLACEMENT
PRE-BID MEETING SIGN-IN SHEET

Tuesday, April 13, 2010, 2:00 p.m.

#	Name	Organization	Phone	Fax	Email
1	Randy Vanderwerf	Clark Dietz	217-373-8937	217-373-8923	Randy.Vanderwerf@clark-dietz.com
2	STEVE GERDES	TOWN	309-454-9564	309-455-9629	sgerdes@normal.org
3	John Burkhardt	Town	309-454-9655	309-451-1076	jburbkharf@normal.org
4	Robert Miller	TOWN	309-454-9654	309-451-1078	rmiller@normal.org
5	ALAN ALWARD	TON	309-454-9572	309-454-9629	aalward@NORMAL.ORG
6	Don Colclasure, Jr	Stark Exc.	828-5034	828-7154	dcolclasurejr@starkcompanies.com
7	David Stoffen	Hoerr Const.	691-6653	691-6739	dstoffen@hoerr.com
8	Doug Gardner	Mulbaen Inc.	309-665-8458	309-663-8461	gdulbaen@AOL.COM
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