

Sunnyside Valley Irrigation District
Enclosed Lateral Improvements Projects 2010-2011
Contract 10-001 Rebid: Region 002A

ADDENDUM NO. 2
Issued: September 28, 2010

To All Contract Document Holders:

You are hereby notified of the following changes, deletions, additions, corrections and clarifications to the plans, specifications and other documents comprising the Contract Documents for the Sunnyside Valley Irrigation District, Enclosed Lateral Improvements Projects 2010-2011, Contract 10-001 Rebid: Region 002A project.

The following formatting has been used to note additions and deletions to the contract documents.

- Deletions are formatted as stricken through (~~example~~) text.
- Changes/additions are formatted as bolded (**example**) text.

Clarifications

1. The Trench Detail on Sheet D001 provides for a maximum trench width at the pipe zone of 12" from the outside of the pipe to the trench wall. The maximum width at the top of the trench is 24" wider than the maximum width in the pipe zone, which results in a nearly vertical trench. The Detail, as well as the Special Provisions, requires that the Pipe Zone Backfill (to 1' above the pipe) be compacted with hand tools to a minimum of 95% modified proctor density.

- *12" of width is inadequate for worker access to tamp alongside the pipe and any minor shifting of the pipe could result in workers being squashed against the trench sidewall. Unless you advise Bidder's otherwise, we presume that additional excavation necessary to provide safe and adequate room alongside the pipe will be paid under Bid Item 26 – Extra Trench Excavation.*

No, Bid Item 26 – Extra Trench Excavation shall not apply in this situation. The Extra Trench Excavation bid item shall only apply when there is an Owner-directed change to the horizontal or vertical alignment that occurs after the initial trench has been partially or wholly excavated (e.g. additional excavation to deflect pipe under conflicting utility, etc.). If the contractor requires a wider trench for access and/or safety, the additional excavation shall be included in the appropriate Irrigation Main Installation bid item. The trench detail has been revised, as described below, to address the concern regarding trench width.

- *The trench detail does not provide the necessary width required for the installation of trench shoring. Unless you advise Bidder's otherwise, we presume that additional excavation necessary to provide for installation of trench shoring will also be paid under Bid Item 26 – Extra Trench Excavation.*

No, Bid Item 26 – Extra Trench Excavation shall not apply in this situation. All costs associated with developing a trench section that is suitable for construction (including excavation for shoring) shall be included in the appropriate Irrigation Main Installation bid item.

- *Typically, fine-grained soils such as the native trench excavation, as well as imported material meeting the requirements for pipe zone backfill, cannot be compacted to 95% modified proctor densities utilizing normal*

construction methods and equipment. It is our understanding that on previous SVID projects the compaction specification has been relaxed to standard proctor densities for these fine-grained soils. Please let us know if that is not the case.

At this time, the compaction requirements shall be as stated in the bid documents. During construction, the compaction requirements will be re-assessed based on the available materials and installing conditions to determine if modifications to the compaction requirements are warranted.

- *The bid documents provide for trenches to be excavated utilizing Open Cut Construction. Should the trenches not stand nearly vertical (in accordance with the detail), for reasons other than Contractor negligence, we presume that extra excavation due to sloughing or instability of the trench walls will also be paid under Bid Item 26 – Extra Trench Excavation.*

No, Bid Item 26 – Extra Trench Excavation shall not apply in this situation. This bid item shall not apply to any excavation that is necessary for the contractor to construct the proposed improvements in the location detailed in the bid documents and/or as staked in the field. The Contractor shall include all trench excavation necessary to construct the proposed improvements as part of the appropriate Irrigation Main Installation bid item.

- *The proposal contains unit price bid items for trench foundation, excavation, backfill and restoration work. In all cases, unless we are advised otherwise, we presume that payment will be made for these items based on actual quantities installed and will not be reduced based on design trench widths, provided the Contractor does not negligently over excavate the trenches. Please advise if this is not the case.*

Yes, this is correct.

2. The Bid Proposal provides Item 25 – Dewatering. The Geotechnical Report generally indicates that groundwater should be deeper than 10' below original ground. The profile of the new irrigation mains requires excavation to typical depths of about 10' below original ground. A single test auger was done in the vicinity of this project, which indicates that groundwater is below the proposed pipe elevations. All indications are that any groundwater that is encountered would be handled "in the trench". Handling of groundwater "in the trench" is not paid under this Bid Item. It would appear that the sole purpose of the Dewatering bid item may be to pass-off the risk of unforeseen conditions onto the Contractor, which may be a violation of State Statutes. In addition it does not appear that the proposed schedule for the project allows the time that would be necessary for design, submittal, permitting, installation and operation of a dewatering system prior to trench excavation occurring.

- *Please advise Bidder's as to what specifically you expect this bid item to include and how the schedule could possibly allow for its implementation.*

The following describes the situations in which the dewatering bid would or would not apply.

Water intrusion due to precipitation or irrigating of lands adjacent to the pipeline which can be removed through the use of sump pumps within the trench shall be paid under the appropriate Irrigation Main Installation bid item. In this case, it is assumed that the water intrusion is being successfully managed within the trench with minimal impact on construction. The Owner's Inspector will be sole determiner as to the level of impact on construction.

Water intrusion due to groundwater or another source which cannot be successfully managed within the trench and which requires additional dewatering methods shall be paid for under the Dewatering bid item.

Regarding the schedule, based on conversations with other Contractors, we are not aware of any specific issues that would prevent Bidders from implementing a dewatering system and completing construction within the specified project duration.

3. Section 1-08.5 of the Special Provisions requires that all work on Grandview School District property be substantially complete by 2/14/2011.

- *Availability of sod, for field restoration, is contingent upon the ground at the sod farms not being frozen or muddy. If the weather is not suitable for the local procurement of sod, or if the ground at the project site is frozen, would the contract time be extended to allow this work to be completed in suitable weather conditions?*

Yes, in the event that sod cannot be procured and installed due to weather conditions, a contract extension will be granted to complete this element of the work.

Bid Forms

1. Schedule of Prices

Common borrow is to be obtained from the District's Sulphur Creek borrow site location (as shown in Appendix D). As such, the units of measurement for the Common Borrow bid item shall be revised to Cubic Yards (CY).

Technical Specifications

1. Division 8, Section 8-03.3(7)C Extra Trench Excavation

- (a) Add the following sentence to the end of the first paragraph of Section 8-03.3(7)C:

Trench excavation may be classified as Extra Trench Excavation only when there is an Owner-directed change to the horizontal or vertical alignment that occurs after the initial trench has been partially or wholly excavated.

2. Division 10, Bid Item 26 - Extra Trench Excavation

- (a) Revise the first paragraph of Bid Item 26 – Extra Trench Excavation as follows:

The unit price shown shall cover the complete cost of providing all labor, materials, equipment necessary to perform additional trench excavation due to changes in **the** horizontal or vertical alignment **of the pipeline** and in accordance with Section 8-03.3(7)C of these Special Provisions and as directed by the Owner. **This bid item shall not apply to any excavation that is necessary for the contractor to construct the proposed improvements in the location detailed in the bid documents and/or as staked in the field.**

Plans

1. Sheet 8, Standard Irrigation Main Details – Trench Details (Dwg No. D001)

(a) Revise the Trench Notes section as follows:

<u>TRENCH WIDTH AT PIPE ZONE (BD)</u>	<u>MIN.</u>	<u>MAX.*</u>
- PIPE DIA. = 4" – 36"	PIPE OD + 18"	PIPE OD + 36"
- PIPE DIA. = 42" – 54"	PIPE OD + 24"	PIPE OD + 54"
- PIPE DIA. = => 63"	PIPE OD + 36"	PIPE OD + 63"

* THE CONTRACTOR SHALL EXCAVATE THE TRENCH TO THE MINIMUM WIDTH PRACTICAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A TRENCH SECTION THAT PROVIDES FOR A SAFE WORK ZONE AND WILL ALLOW FACILITATE CONSTRUCTION OF THE PIPELINE AND COMPACTION WITHIN THE PIPE ZONE TO THE SPECIFIED LEVEL.

End revisions for Addendum No. 2

Addendum No. 2 is hereby made a part of the Contract Documents, and its terms and conditions are fully binding on the Contract Document holder. He/she shall acknowledge receipt of Addendum No. 2 by signing in the space provided below and attaching it to his/her proposal.

This Addendum No. 2 must be signed and included in the bid.

SUNNYSIDE VALLEY IRRIGATION DISTRICT



Kyle Pettibone, RH2 Engineering
Issued September 28, 2010

Received and Acknowledged:

Company Name

Signature of person receiving fax

Title

Date

Sunnyside Valley Irrigation District
Enclosed Lateral Improvements Projects 2010-2011
Contract 10-001 Rebid: Region 002A

ADDENDUM NO. 2
Issued: September 28, 2010

By: RH2 Engineering, Inc

Addendum Acknowledgement

In order to ensure that all addenda are received by all plan holders we ask that you fax back to us acknowledgement that you successfully received this fax. Please sign below and immediately fax this page back to Sunnyside Valley Irrigation District at 509-837-2088.

Received and Acknowledged:

Company Name

Signature of person receiving fax

Title

Date