

NEVADA IRRIGATION DISTRICT

**Cement Hill Water Supply Project
Contract 09-02**

Project Questions and Clarifications

May 20, 2009

REVISION 3

Revisions as of May 20, 2009:

1. Page BF-2 under Alternative Bid Items states "The District may choose to add an alternative bid item and deduct the same quantity (square feet) of a deductive bid item (Bid Items 66 - 71) for the appropriate pipeline diameter. The trench restoration calls for 3" AC on 6" AB. The alternate bid items calls for a 2" AC overlay. How should the material quantities be calculated?

If the district elects to use the overlay item, the contractor should replace the 3" AC used per the trench restoration with 3" of compacted aggregate base (AB), this will allow the trench to meet the grade of the existing road, the contractor would then place the 2" AC overlayment over the compacted AB trench restoration and existing road surface. Therefore, the alternate cost item of 2" AC shall need to include the incremental cost of the 3" compacted AB spread into the SF cost of the 2" overlay.

2. Section 18-2.06 states that the asphalt oil shall be AR-4000. AR grade oils are no longer available. Caltrans has adopted a new PG grade oil system. What PG oil should we figure for the asphalt pavement?

Assume an oil equivalent to AR-4000 will be acceptable.

3. Where is the use of CDF presently required with the project?

Stations 93+00 to 96+15, 600+20 to 602+25, 2000+00 to 2002+00, 4000+03 to 4007+50, and per detail B on C200.

4. Some bid items seem to be inconsistent with the drawings.

The contractor shall bid the quantities listed within the Revised Bid Schedule. If necessary the quantity will be adjusted per the unit price after the apparent low bidder is selected for the project.

Revisions as of May 18, 2009:

1. Sheet PP259 note on plan view should read "Controlled Density Fill STA 2000+00 to 2002+00".

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Revisions as of May 15, 2009:

Please note that this questions/ clarifications document has been revised from the previous version (dated May 14, 2009) which was posted on the project website May 14, 2009.

NID Pre Bid Walk Thru Meeting Questions on May 7, 2009
NID Board Room, 10:00 AM

1. What is the rock quantity in Bid Item #3?

See Addendum No. 1.

2. Your definition of rock indicates the use of a CAT 325 excavator? A CAT 325 is very large for narrow roads; will you consider other types of excavators?

Other types of excavators will be considered as needed.

3. Clarify the difference between Bid Items #14 and #16.

See Addendum No. 1.

4. What is the engineers estimate?

The engineers cost opinion is \$8,915,816 and \$1,290,250 for Alternative Bid Items.

5. Who is the contact for project related questions?

For questions regarding interpretation of plans and specifications please refer to Specifications page IB-2 section titled "Interpretation of Plans and Specifications". For project related questions/clarifications please contact Vance Cave at (916) 364-1490 or via e-mail at vcave@hydroscience.com. The deadline for project related questions/clarifications is May 15, 2009.

6. Is there a tree plan?

See Addendum No. 1.

7. 16-inch CMP is not available, what size CMP should be used?

See Addendum No. 1.

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8. Is there a budgetary constraint on overlays?

NID internal budgetary constraints are not applicable to this bid.

9. The existing utilities are not shown on the plans. How can we bid on this project?

All existing utilities, mainlines, conduits and others, that were identified during the design process, are shown on the Drawings. The Contractor shall be responsible for contacting Underground Service Alert to confirm and identify existing utility locations. The Contractor shall assume power and electrical services extending to each parcel.

10. What are the wait times or constraints on the traffic control plan?

20 minutes is the time limit per the Project CEQA document.

11. What is the right-of-way/property acquisition timeline?

The right-of-way acquisition timeline is current, per the Specifications *Notice Inviting Sealed Bids* pages 1 of 8 and 2 of 8.

12. When are bids due?

Bids are due May 21st, 2009, per the Specifications *Notice Inviting Sealed Bids* pages 6 of 8 and 7 of 8.

13. Is the right-of-way acquisition timeline current on the specifications?

Yes.

14. When is the project going to be awarded and when is construction going to begin?

Refer to Specifications section titled *Award of Contract* page IB-7.

15. Who is doing the construction management?

Construction management staffing has not been determined for the project.

16. Is this a state funded project with available funds? Do we need to wait for the special election to confirm project funding?

The Project is in part funded with federal loan or grant funds through the California Safe Drinking Water State Revolving Fund. The funds have already been allocated. There is no need to wait for the special election.

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17. Where is the excess soil from the tank site going? Is there an NID area where it can be disposed of?

The Contractor shall be responsible for excess soil disposal.

18. Is there a material cost provision? Has NID considered the State cost provision? Is price escalation going into the addendums?

No, contractor should anticipate price escalation within his or her bid.

19. Does the brass no lead rule apply?

Yes, see Addendum 1.

20. Have there been any addendums?

No.

21. Where can we get a copy of the presentation?

Please visit the project website at www.nidcementhill.com to get a copy of the presentation. Please note the presentation photos show approximate pipeline locations. Please refer to the Drawings for actual pipeline locations.

22. What is the project website address?

Please refer to question 21.

23. Can the list of the pre-bid attendees be posted on the project website?

Please visit the project website at www.nidcementhill.com to get a copy of the pre-bid meeting sign-in sheets.

Other Questions/Clarifications:

24. How do we obtain NID Improvement Standards, Technical Provisions and Standard Drawings?

The NID Development Standards can be found at the NID website www.nid.dst.ca.us in the *Forms and Documents* page.

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25. See Appendix F. Who is responsible to hire a biologist? Will environmental awareness training be required and who will perform and pay for the training?

The NID project team includes a biologist. The Contractor is responsible for any required environmental awareness training.

26. Has a SWPPP plan been prepared? If not, who is responsible to prepare one?

A SWPPP will need to be prepared by the Contractor. See Addendum No. 1.

27. Will the Contractor be required to pay any fees that will not be reimbursed by NID?

Per Specifications, page 10-2, Section 10-2.02-A Encroachment Permits, NID will pay a maximum of \$50,000 for inspection fees. The Contractor will be responsible to pay for any reinspections required by the County.

28. Do you anticipate any of the excavation will encounter naturally occurring asbestos? If so, who pays for air monitoring during excavation?

NID does not anticipate naturally occurring asbestos. A discovery of asbestos requiring site mitigation would represent a change in site conditions and it will be addressed as such.

29. From what road can the tank site be accessed from?

The tank site may be accessed from Cedar View Road. The District will limit the access to the tank site from Cedar View Road and will request that majority of construction access to the tank site will come from the access road via the Snow Mountain site.

30. Provide site piping system and location for Bid Item #25, "8 PVC C900 CL 200"?

The approximate pipeline length is taken from the tank site fence to the fire hydrant next to Cedar View Circle (see Drawing C100 site plan and Detail C for information). Please note that piping inside tank site is all restrained piping.

31. What is the correct tank diameter?

See Addendum No. 1.

32. See drawing PP258. How is the culvert and drain inlet paid for? Also, what is required at the outfall of the culvert?

The culvert and drain shall be included in the lump sum of Bid Item #17 "Maintenance Road to Harmony Ridge Tank Site". Drawing C200 calls for a 10-ft by 10-ft rip rap at the end of the CMP piping. Refer to Addendum No. 1 for changes to the CMP pipeline size.

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33. Does the note on Drawing C200 regarding all DIP joint to be restrained apply to the DIP on C100?

Yes, the note on Drawing C200 also applies to Drawing C100.

34. Please provide a bolt and nut material specification for flanged connections.

Bolt and nut material for flanged connections shall meet AWWA C153.

35. Please provide a soils report containing allowable soil bearing and any other requirements for the tank.

The soils report is included in Appendix G of the Specifications.

36. Can we use pea gravel bedding in lieu of sand bedding for PVC pipe?

The bedding for PVC piping shall be as specified in the Drawings.

37. Drawing PP203 shows a triple service. Is this correct?

The service shown on Drawing PP 203 is a triple service and shall be bid as shown.

38. Drawing GPP-12, Detail A: two types of blow-off assemblies are shown. The type of assembly to be used is site specific. Site conditions, for the most part, will require blow-off assembly "Type B".

39. Drawing PP259, the road shall be constructed as stated with a base of 6-in of AB.

40. Drawing GPP-15, PP214, and PP223: GPP drawings indicate general details. PP drawings rule for pipeline sizing, not the GPP drawings. Piping for the dissipater structures shall be as specified on the PP drawings. See Addendum No. 1 for additional information.

41. Where there is a conflict between Specifications and Drawings, which one prevails?

Precedence of Contract Documents is specified in the Specifications, page 3-1, Section 3-1.05 *Coordination and Interpretation of Plans and Specifications*.