

Addendum No. 1

Highland Canal Lining – Mesa Parke

Bid # 0910-162
TMWA Project No. 01-017
December 10, 2009

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

Clarifications:

- Staging of construction equipment and materials will be done on-site. Contractor may negotiate on his own staging agreement(s) with nearby private property owners.
- Pre-Cast concrete will not be used. This project will be cast in place reinforced concrete
- Special inspection to be performed by Wood Rodgers. This includes field density tests, backfill/base material inspection, steel and concrete.
- Existing Canal is concrete. For demolition and removal bidding purposes assume 4-6 inch wall thickness with wire mesh used for reinforcement. Drawings are not available for existing canal section to be removed.

Questions Received:

1. **Question:** Provide clarification if we can construct the curved sections of the canal by segment section meaning can I use straight pieces of plywood for a form or does it have to be a smooth section. It appears past sections were in 4 foot segments.

Answer: Contractor may elect to construct curved sections of canal by bending forms or constructing straight sections with angles. Contractor will construct angle sections in conformance with detail shown on page D2.

2. **Question:** Please provide details of the existing canal, as in the wall and slab thicknesses and relative elevations as compared to the finished canal elevation. Thank You.

Answer: Details of the existing canal section cannot be found. Assume 4-6 inch wall and slab thickness with wire mesh used for reinforcement. Top of new canal slab will match the existing elevations of slabs at start and end of project.

3. **Question:** Are straight form sections acceptable to form curved walls on this project, and if so, what is the acceptable length.

Answer: Straight form sections will be acceptable. Lengths will be field determined with consultation with TMWA on-site representative.

4. Question: Is there a geotechnical report for the immediate project area? If so, where can it be obtained?

Answer: A copy of the report is attached (electronic copy).

5. Question: Will the contractor be required to provide survey for this project?

Answer: TMWA's surveyor will provide initial control staking for the project. Contractor will provide his own staking during construction, including maintaining appropriate grade and off-set staking.

6. Question: Will the contractor be required to provide any QC testing if Wood Rogers is performing the special inspections noted on plan sheet D1?

Answer: QC testing will be performed for TMWA by Wood Rodgers. Contractor may perform additional QC testing at its expense.

7. Question: Bid item clarification #2 states to dispose of existing trapezoidal concrete lining within the project limits. Are there any size requirements for this material to be used as backfill? Is there a specification for the native backfill to be used?

Answer: All existing concrete will be removed and disposed of off-site. Specifications for backfill and base material are delineated in the soils report.

End of Addendum No. 1