



CITY OF RIO RANCHO  
DEPARTMENT OF FINANCIAL SERVICES  
PURCHASING DIVISION  
3200 Civic Center Circle NE – Suite 300  
Rio Rancho, New Mexico 87144  
Telephone: (505) 891-5064 Fax: (505) 891-5762

**ADDENDUM NUMBER (2) Two**  
**IFB-20-PW-014**  
**Lift Station 1 Rehabilitation and New Force Main**

February 12, 2020

Addendum Number (2) Two forms part of the contract documents and modifies them in the manner set forth below.

ATTENTION CONTRACTORS

- Questions and Answers
- Technical Specification Modifications
- Drawings Modifications

Questions and Answers:

1. **Question:** Please confirm substantial completion shall be within 90 days from the date contract time begins.

**Answer:** The work shall be substantially completed within Ninety (90) consecutive calendar days after the date when the Contract Time commences. As discussed during the pre-bid meeting, NTP may be delayed to allow for the submittal process and material procurement provided the shop drawing submittals are submitted within a timely matter.

2. **Question:** Specification section 011100 1.2 A 3 reads “radio telemetry”. Detail 6 on drawing G-03 depicts the antennas as “by others”. The specifications do not contain a section on furnishing any telemetry system components, such as: radio, antenna, coax cable, surge protective devices. Please confirm bid item #22 shall not include any costs for the radio telemetry system/components and shall be furnished & installed as part of a separate contract.

**Answer:** Telemetry system components will be furnished and installed as part of a separate project.

- 3. Question:** Detail 6 on drawing G-03 depicts the future installation of antenna cabling using the light pole (furnished as part of bid item #22) as a raceway. Detail 5 on G-03 and detail 3 on E-01 make no provisions for installation of a conduit beyond the light pole. Please confirm installation of conduits shall not be required as part of this project, for future extension of the radio telemetry system to be installed by others.  
**Answer:** A spare conduit from new light pole to existing antenna instrumentation control panel is added by this addendum.
- 4. Question:** Detail 2 on drawing E-03 does not require any conduits from the new flow meter for monitoring by the existing antenna instrumentation control panel depicted on drawing D-01. Please confirm only a power conduit shall be installed for the flow meter to operate, without monitoring by any potentially existing or future SCADA system.  
**Answer:** A conduit and control wire from new meter vault to existing antenna instrumentation control panel is added by this addendum.
- 5. Question:** Please include a specification detailing requirements for furnishing the ground test well depicted in detail 3 on drawing E-03.  
**Answer:** The ground test well specification is added by this addendum.
- 6. Question:** Will a sign in sheet from the mandatory pre-bid meeting be made available by addendum?  
**Answer:** The sign in sheet from the mandatory pre-bid meeting is available to view right now on the City's website: [rrnm.gov/bids](http://rrnm.gov/bids)
- 7. Question:** 260543 3.2 B 5 requires 3" between conduits. Detail 2 on drawing E-.2 requires a ¼" minimum between conduits. Please clarify.  
**Answer:** Provide 3" spacing between conduits per the specifications and 6" minimum spacing between power and control conduit as shown on the detail.
- 8. Question:** Please confirm underground conduit risers to grade shall utilize 18" minimum radius elbows, as specified in section 260543 3.2 A 9 a.  
**Answer:** Correct, min 18" bend radius for conduits smaller than 3" trade size.
- 9. Question:** Please confirm underground conduit risers to grade shall utilize PVC coated RGS elbows, as specified in section 260533 3.2 C 2 b 1.  
**Answer:** Correct, PVC coated RGS elbows shall be used for transitions to above grade.
- 10. Question:** Please confirm conductors installed below grade shall utilize type XHHW insulation, per specification section 260519 3.1 A 1 b.  
**Answer:** Correct, utilize XHHW per spec 26 05 19.
- 11. Question:** Please clarify the language "Vertivco Vertivco Grounding" indicated in specification section 260813 3.2 B.  
**Answer:** Ignore "vertivco vertivco" on spec section.

- 12. Question:** The electrical drawings do not indicate furnishing of any new breakers. The specifications include a section 262800 for overcurrent protective devices. Please identify which equipment must be furnished meeting the requirements of this section.  
**Answer:** New breakers are required for the new light pole and flow meter, requirements added by this addendum.
- 13. Question:** Can you provide depths on the 2 existing 4' diameter manholes (listed on sheet D-03)?  
**Answer:** The manhole inside the lift station perimeter wall is approximately 13 feet deep. The manhole outside the lift station perimeter wall is approximately 17 feet deep.
- 14. Question:** Are there existing coatings/linings on the lift station or manholes? If so, do you know what coating it is?  
**Answer:** The existing manholes are not coated.
- 15. Question:** Will Zebron Polyurethane be approved as an equal to Raven 405? See attached information.  
**Answer:** Zebron Polyurethane will be considered as an equal to Raven 405.
- 16. Question:** Will the lift station piping need to be coated? I didn't see a spec for coating the pipe.  
**Answer:** The piping coating schedule is added by this addendum.
- 17. Question:** Is there a soils report? Plans state dewatering is incidental to project. Will dewatering be required?  
**Answer:** Groundwater is not anticipated to be present at the excavation depths to install the force main and vaults, however, Contractor shall be responsible for any dewatering required if encountered.
- 18. Question:** What are flow rates for fore existing sewer lines going into Lift Station 1?  
**Answer:** The City does not have any flow monitoring data for the lift station. For flow estimating purposes, the existing pumps are 2- 47HP with a pumping capacity of 1,061 gpm per each pump. The existing pumps are Flygt Model# 3201, Impeller size 452, 480 volt, 3 phase, 1755 RPM. The estimated daily flow is 158,000 to 210,000 per day. The peak flows are unknown.
- 19. Question:** At pre-bid it was discussed that Notice to Proceed would be delayed until on materials are in stock, please verify?  
**Answer:** As discussed during the pre-bid meeting, NTP may be delayed to allow for the submittal process and material procurement provide submittals are submitted within a timely matter.
- 20. Question:** If Alternate 1 is accepted will additional time be provided for contract completion? If so how many days?

**Answer:** No additional time will be included for any of the additive alternates awarded, all work shall be included within the Contract Time specified.

**21. Question:** Sheet D-03, call for the two 4' diameter manholes to be coated, what are the depths of the manholes? Are benches to be reconstructed? Is there an existing coating on these manholes?

**Answer:** The manhole inside the perimeter wall is approximately 13 feet deep. The manhole outside the lift station perimeter wall is approximately 17 feet deep. The benches do need to be rebuilt. The existing manholes are not coated.

**22. Question:** Is Zebron coating, an acceptable product for coating the manholes?

**Answer:** Zebron will be considered as an acceptable product for coating the manholes.

**Technical Specification Modifications:**

1. Specification Section 09 96 00 High Performance Industrial Coatings

- Add the following coating schedule for the ductile iron pipe:

<b>Environment / Application</b>	<b>Prime Coat</b>	<b>Intermediate Coat</b>	<b>Final Coat</b>
All Ductile Iron Piping (Interior atmospheric & Immersion Wastewater)	3.0 to 4.0 MIL Tnemec Series L69 Hi-Build Epoxoline II or Sherwin Williams Macropoxy 646	3.0 to 4.0 MIL Tnemec Series L69 Hi-Build Epoxoline II or Sherwin Williams Macropoxy 646	3.0 to 4.0 MIL Tnemec Series L69 Hi-Build Epoxoline II or Sherwin Williams Macropoxy 646

2. Specification Section 26 05 26 Grounding and Bonding

- Subsection 2.2, ADD the following:

G. Prefabricated Composite Material Test Stations:

1. Body and cover: Fiberglass reinforced polymer concrete conforming to all test provisions of SCTE 77.
2. Minimum load ratings: SCTE 77 Tier 15.
3. Open bottom.
4. Stackable design as required for 3 FT depth.
5. Cover:
  - a. Engraved legend of "GROUND".
  - b. Lay-in non-bolt down.
6. Size: 12 IN round or 12 IN square.

3. Specification Section 26 08 13 Acceptance Testing
  - Subsection 3.2 B. DELETE text “Vertivco Vertivco”

**Drawings Modifications:**

1. Sheet D-03
  - ADD to General Note 15. “There are two separate inlet pipes entering the lift station wet well from the two manholes just outside of the lift station. Contractor shall be responsible to bypass pump from each manhole or shall install provisions, if possible, to be able to bypass pump from a single manhole. Bypass pumping operations shall be limited to 30 calendar days”.
2. Sheet E-01
  - ADD “Spare 1” conduit from new light pole to existing antenna instrumentation control panel.” This work shall be included as part of bid item #22.
  - ADD “1” conduit with 1-PR #16 TSP control wire from new meter vault to existing antenna instrumentation control panel.” This work shall be included as part of bid item bid item #14.
3. Sheet E-02
  - Detail 2, Typ. Duct Bank Section, CHANGE the following dimension between conduits “1/4” to 3” ”.
4. Sheet E-03
  - Detail 2, New One-Line Diagram Add the following note to the EXISTING PANEL: “Contractor shall field verify quantity of spare circuit breakers inside breaker box. If there are not any spares, furnish and install two 20A circuit breakers inside existing breaker box.”
  - Detail 2, New One-Line Diagram, ADD “key note 2” to flow meter, key note 2 to read “Install 1-PR #16 TSP control wire in 1” conduit between flow meter and existing antennae instrumentation control panel. Contractor shall connect control wire to flow meter and Owner will make connection at existing antennae instrument control panel.” This work shall be included as part of bid item bid item #14.
5. All Drawing Sheets
  - Replace “PROJECT NUMBER WW1751” with “PROJECT NUMBER WW2003”.

**As provided on page 58 of the Bid Documents, Bidders shall acknowledge receipt of Addendum Number (2) Two. All other provisions of the Contract Documents shall remain unchanged.**