

Questions & Answers, Version 8  
Arnold Air Force Base Utility Systems Privatization  
SP0600-04-R-0068  
September 27, 2004

1. In Table 1, J.4.2.1.2, can you delineate the gravity sewer pipe from the force main pipe?

Answer: Force Mains and gravity sewer pipe are shown on the collection system maps provided on Technical Disk.

2. On Page J4-3, it indicates a project is underway for sewer rehabilitation. In Table 9, J.4.11, it defines sewer system deficiencies. What level of rehabilitation has been performed to date and what efforts remain to be performed?

Answer: The level of rehabilitation varies by area, but in general we have used CIPP to correct known infiltration problems. We have also realigned frames/risers, sealed between manhole riser/frame, and applied a waterproofing sealant to the inside of the manholes. Sub-basins 7, 8, 9, 10, 11, and 13 have not yet been repaired and are therefore listed as deficiencies. A map delineating the sub-basins is included in the CH2MHill Report which is included on Technical Disk.

3. Please provide a copy of the December 16, 1997 report entitled "*Collection System Assessment and Maintenance Guidance Manual, Contract F40650-95-D-0066*" prepared by CH2M Hill. A copy of Sections 1-5 and the base sub-basin map is requested.

Answer: The report is included on Technical Disk.

4. How much of the recommendations set forth in the report mentioned in Item 3 have been completed?

Answer: See answer to question 2.

5. The CD that was provided does not provide a system map of the water system or the sanitary sewer system. Will you provide a copy of the system map for:

- a. Potable water system on base. Answer: Information provided on Technical Disk
- b. Potable water system in Arnold village including offsite water line to ESUD connection. Answer: Information provided on Technical Disk
- c. Potable water system at airport well location. Answer: Drawings do not exist
- d. Sanitary sewer system in base. Answer: Information provided on Technical Disk
- e. Sanitary sewer system in Arnold Village. Answer: Information provided on Technical Disk
- f. Natural Gas System: Answer: Information provided on Technical Disk

6. Please provide a copy of TDEC MOR's for the last 3 years for the following water areas:
- Potable water system on base. Answer: TDEC MOR's for the last 10 months are included on Technical Disk. The last 10 months is representative of the last 3 years
  - Potable water system at airport (well). Answer: TDEC MOR's for the last 10 months are included on Technical Disk. The last 10 months is representative of the last 3 years
  - Potable water system at Arnold Village. Answer: The water for Arnold Village is supplied by Estill Springs Public Utility. AEDC does not submit MOR's for this area.

7. Please provide a copy of the WWTP schematic drawing – Drwg. No.TJTM9844 located on wall of WWTP.

Answer: Included on Technical Disk

8. Gov't listed deficiencies indicates a new water tank is to be located at Node J600. This implies a computerized water model has been prepared. Please provide a copy of the water model and the subsequent recommendations from the model available for review.

Answer: The report is provided on Technical Disk.

9. Please provide BOD, TSS and NH<sub>3</sub>-N influent and effluent data for the sanitary waste stream.

Answer: Discharge monitoring reports for the last 12 months are provided on Technical Disk.

10. Are there any other pipe materials used for gas transmission on the base other than steel and PE?

Answer: Given the information provided to offerors in the RFP and technical library, including Technical Disk, none that we know of.

11. Will Gov't provide a comprehensive list of regulators, gas valves?

Answer: See Technical Disk. I believe we have provided all offeror's a schematic of the natural gas system.

**NOTE: To obtain a copy of Technical Disk, please refer to Q&A #4.**