

# Electrical Distribution System

1. There are some metal clad outdoor switching cabinets associated with 12,470-2400/4160 volt transformers in the electric system that apparently are not included in the inventory listing. Please provide a list of these switches, including the number of compartments, breakers, and metering compartments.

**Answer:** Bldg. #638 has one 2000 KVA 4160/2400, transformer #5320, feeds a 5-way air break switchgear for four 4160-volt chillers. Bldg. #83 has two 12470/4160-volt transformers; they feed a double-ended station with two 4160-volt main breakers and 1 tiebreaker.

2. What is the point of demarcation for the sports fields lighting systems?

**Answer:** There is no demarcation; the whole system is included, just like the streetlights.

3. If breaker panels and breakers are included in the sports fields lighting systems, please provide a list of the panels and breakers.

**Answer:**

- a. Soccer Field at Commissary: High mast light, already listed on inventory
- b. Softball field across from Bank: Square D panel, 400-amp breaker, 8 poles
- c. Small Soccer Field at Youth Center: Square D panel, two 30-amp breakers
- d. Softball field #2 across from Youth Center: Square D panel, 300 amp main, 8 poles
- e. Softball field #1 across from the Fitness Center: Square D panel, six 40-amp breakers, two 45-amp breakers
- f. Tennis courts at the fitness center: Square D panel, 125 amp main breaker, 4 poles
- g. Basketball court across from gym: Square D 30 amp disconnect, all on photocells
- h. Youth Medium and Large Soccer Fields: Square D panel, 225 amp main breaker
- i. Youth Center Baseball Field: (couldn't locate supply/couldn't gain access to some facilities)
- j. Running Track: GE panel, two 45-amp breakers
- k. Football field: GE panel, twelve 60-amp breakers
- l. Tennis Courts at Officers' Club: Square D panel, six 60 amp breakers
- m. Tennis Court at old Alert Area: GE panel, 30-amp breaker

4. If low voltage wiring is included in the sports fields lighting systems, please provide a list of conductors, quantities, and any associated conduit.

**Answer:** Conductors, quantities and associated conduit are unknown.

5. How many sports fields are located on the base by type sport?

**Answer:** refer to question #3

6. How many oil-filled transformers are located inside buildings? Are the indoor locations NESC and NEC compliant? If not, please provide the size of each transformer for each location not in compliance.

**Answer:** Transformer #4836, 300 KVA, Bldg 158  
Transformer #5037, 750 KVA, Bldg 158

Transformer #5414, 2500 KVA, Bldg 130  
Transformer #4837, 300 KVA, Bldg 130

## Water Distribution and Treatment System

1. It was indicated during our site visit that the Air Force would retain ownership of the new SCADA system. The solicitation indicated “Robins would not use the SCADA system after privatization to operate or control any system components without proper coordination of the contractor”. These 2 statements appear contradictory. Is the SCADA part of the component to be part of the solicitation or will it remain the property of the Air Force?

**Answer:** The SCADA system will remain the property of the USAF and the USAF will maintain the right to monitor.

2. Is it possible to obtain a copy of the extraction permit of the groundwater that is withdrawn everyday at the base? Please validate that the entire base is authorized to withdraw a maximum of 5 MGD with a yearly average not to exceed 3.8 MGD. Please clarify that the permit is the total water withdrawn from the Bluffton Aquifer and there are no individual water well requirements.

**Answer:** Yes, a copy of the permit will be provided. The permit is total water withdrawn.

3. It was indicated that a Class 3 operator’s license was necessary to operate the water treatment plants at each of the water wells and the distribution system. Someone indicated that a Class 2 was required. Please indicate which is correct. It was also indicated that a backflow preventer license was necessary for someone to operate the back flow prevention devices. Is this a license or certificate? Is it issued by the State of Georgia or is it a general license?

**Answer:** Class 3 operators license. Backflow certification issued by State of Georgia.

4. The solicitation indicated that there was one (1) backflow prevention device in the fixed inventory. It was indicated at our site meeting conference that there were 3000 back flow preventers. Which number is correct?

**Answer:** One backflow prevention device at each well. There are approximately 350 outside devices.

5. Is there any maintenance or replacement history available for gate valves, valve pits, fire hydrants, water wells and distribution line piping?

**Answer:** There are maintenance records on the water wells. The replacement history should be in the proposal. A copy of the recurring work program will be forwarded.

6. Further growth is anticipated at Robins AFB. Is there any projections relating to the extent of growth and the effects on the water distribution system?

**Answer:** Five-year plan is in the technical library.

7. It was mentioned that the 2 oldest elevated storage tanks will need painting and there are scheduled to be painted in 2004. It is anticipated that this work will be done before the privatization contract is awarded. Please verify that this is correct.

**Answer:** Yes, we expect that the two tanks will be painted before contract award.

8. There was no altitude valve listed for elevated steel storage tank 175 (500,000 gallons capacity). Will an altitude valve be needed for this tank/ All of the remaining 3 storage tanks have altitude valves.

**Answer:** Will depended on contractor's discretion on operating procedures.

9. Although there were no sections in the section J3.11 Government Recognized System Deficiencies (GRSD) –it was indicated our meeting that a few items were expected to be attended to immediately upon contract award. These include the following areas;

- (1) All of the water wells have an emergency generator except Water Well No. 18. It was indicated that a generator was required for that water well immediately upon contract award.

**Answer:** It was not indicted that a generator will be installed. This will be under the discretion of the contractor.

- (2) It was indicated that all of the remaining asbestos cement pipe (ACP) in the distribution system is to be replaced with PVC pipe as soon as possible upon contract award.

**Answer:** There is no indication that all asbestos cement pipes will be replaced before contract award.

## **Wastewater Collection and Treatment Facilities**

1. It was indicated that the 2 industrial wastewater treatment plants (IWWTP) would not be part of this solicitation. The 2 facilities are in the solicitation as part of the fixed inventory. Please verify the status of these facilities. At this juncture IWWTP 31 and IWWTP #2 are not considered part of this solicitation.

**Answer:** Yes, the IWWTP will be removed from solicitation.

2. It was also indicated during our site visit that the Air Force would retain ownership of the new SCADA system for the wastewater collection system. Can the Robins AFB privatization contractor have the use of this SCADA system so that this system will not have to be duplicated?

**Answer:** The SCADA system will remain the property of the USAF and the USAF will maintain the right to monitor.

3. Is there any maintenance or replacement history available for lift stations, WWTP equipment, manholes and collection system piping?

**Answer:** All information is in the technical library.

4. Further growth is anticipated at Robins AFB. Is there any projections relating to the extent of growth and the effects on the wastewater treatment plant and collection system?

**Answer:** No

5. Is it possible to obtain a copy of the wastewater discharge permit for the main wastewater treatment plant? This was not indicated on the CD that was given to the contractors

**Answer:** The permit is in the O & M manual.

6. Is it possible to obtain a copy of the sludge disposal permit for the main wastewater treatment plant (WWTP#1)? Is it possible to obtain some typical sludge characteristics for the sludge generated?

**Answer:** The sludge disposal is described in the NPDES permit.

7. Are there any infiltration and inflow (I/I) reports available for review? Will the privatization contractor take over the existing 5-year program to clean and videotape the collection?

**Answer:** Yes the reports are available for review. Yes the contractor will take over the 5-year program.

8. There were a few I sections in the section J4.11 Government Recognized System Deficiencies (GRSD) –that need clarification. These include the following areas

- (1) There is a base-wide problem of increased flow during storm events. I&I and cross-connections are suspected. Robins AFB has apparently identified I&I source areas and some point source remedies have been implemented. Can the contractor have a copy of these reports? Does Robins AFB expect the contractor to embark on a comprehensive I&I evaluation program as part of the GRSD or are they just going to use the existing data collected thus far?

**Answer:** The contractor will have a copy of the I & I report. Very few I & I infiltration problems exist with the exception of roof drains. The program will be continued upon the contractor's discretion.

- (2) The family housing area has some main sewage lines that have been distorted and have restricted flow (these pipes were slip-lined in the early 1990's). Is it possible to get the size and location of these affected lines?

**Answer:** The information is included in the I & I study.

## General Questions

1. Is it possible to obtain a roster of all of the attendees for the Robins AFB Pre-Bid meeting on February 12, 2004 and subsequent scheduled contractor meetings?

**Answer:** The attendees list can be accessed at our website:  
<http://www.desc.dla.mil/DCM/DCMSolic.asp?SolicID=652>