

## ADDENDUM NO. 2

### MEMBRANE FILTRATION SYSTEM REQUEST FOR PROPOSALS

#### CITY OF OAK RIDGE, TENNESSEE

#### Clarifications

The following clarifications are hereby made part of the above referenced project.

#### **General**

#### **Request for Proposals**

Section 2.01 – Paper copies of the proposal are due by the date and time indicated in the Request for Proposals. Electronic transmission of the submittal does not meet this requirement.

#### **Appendix F – System Manufacturer Equipment Scope of Supply –**

2nd Paragraph – The future 20 MGD firm peak day capacity of the plant would be with N-1 membrane trains in service.

4<sup>th</sup> Paragraph – Site specific anchor bolt and/or seismic calculations are **not** required.

8<sup>th</sup> Paragraph. – Non-chlorinated backwash water will not require neutralization.

**Appendix G – Design Criteria** – Redundancy is required for the CIP Pumps and Neutralization Pumps.

**Appendix H – Economic Evaluation Criteria** – The Membrane Supplier may propose an alternate cleaning chemical to those listed in this section, such as sulfuric acid. The Owner will obtain a quote for any chemicals not listed in Appendix H from one of their local chemical supplier for use in the life-cycle evaluation of proposals.

**Appendix J – Pilot Testing** – The Owner will be responsible for the collection and disposal of pilot cleaning solutions.

#### **Appendix L – Specifications**

**General Conditions – Warranty** – Installation labor for non-conformities identified within 12-months of the project start (or 18-months of delivery) will be the responsibility of the General Contractor.

**Section 26 05 85 – Motors** - Paragraph 1.05.G. – Typical motor tests will be acceptable, specific motor testing is not required.

#### **Section 40 94 43 – Programmable Logic Controllers –**

Paragraph 2.01 - Balluff I/O is an acceptable manufacturer if their products meet the requirements of this section.

Paragraph 2.03.D. – The marker strip requirement can be met by supply of a cross reference table for the field wiring.

Paragraph 2.06 – The program development PC will remain the property of the Membrane Supplier.

**Section 40 95 00 – Digital System Hardware** – This section does not apply to the Membrane Supplier and is intended for use by a System Integrator.

**Section 40 96 00 – Digital System Software** – This section does not apply to the Membrane Supplier and is intended for use by a System Integrator.

**Section 43 00 00 – Minimum Process Equipment Requirements –**

1.02 A.2.d. – Spare Parts – A common set of spare parts may be supplied for identical pumps.

1.07 A.1. – The design of the compressors shall be **150%** of the max air flow.

**Revisions**

The following revisions are hereby made a part of the above referenced project Request for Proposals:

**Appendix F – System Manufacturer Equipment Scope of Supply –**

4th Paragraph – Delete the first sentence in its entirety and replace with the following:

“If support beams, frames, or racks are required, the System Manufacturer shall design and supply all support beams, frames, and racks. The supply of anchor bolts is in the scope of the Contractor. The design of anchor bolts is in the Membrane Supplier Scope.”

**Appendix H – Economic Evaluation Criteria** – Delete “Sodium Hydroxide (25%) \$1.92 per lb as delivered product” and replace with Sodium Hydroxide (25%) \$1.92 per gallon.

*Bidder Must Acknowledge Receipt of this Addendum in accordance with Article 3.01 of the RFP.*

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