

## **SECTION 01 33 91 COMMISSIONING SUBMITTALS**

### **PART 1 - GENERAL**

#### **1.01 SUBMITTAL REQUIREMENTS FOR COMMISSIONING**

**A.** Contractor Submittals

- 1.** The Commissioning Agent (“CxA”) will receive a copy of all submittals for equipment to be commissioned from the Contractor.
- 2.** The CxA will review and verify Contractor submittals applicable to systems being commissioned for compliance with commissioning needs, adequacy for developing functional test procedures and for conformance with the Owner performance requirements and the Project basis of design. This shall occur concurrently with the Designer review.

**B.** Data for Commissioning

- 1.** The Contractor will provide submittals for all equipment to be commissioned to the CxA at the same time submittals are sent to the Designer.
- 2.** At a minimum, this will include the manufacturer and model number, detailed manufacturer installation and start-up information, full sequence of operation information, operating and maintenance data, performance data such as fan and pump curves, full factory testing reports and all control drawings. Submittals should also include troubleshooting and maintenance procedures, full details of any required. Owner-contracted testing or chemical treatment, and full warranty information, including clearly identifying all responsibilities of the Owner to keep the warranty in force. The installation and checkout materials that are shipped inside the equipment and the actual field checkout forms to be used by the factory or field technicians during installation and startup shall be submitted to the CxA.
- 3.** The CxA may request further documentation necessary for the commissioning process.
- 4.** The CxA will notify the Designer and Owner of missing items or areas that are not in conformance with the contract documents and may provide recommendations for optimization such as equipment set points and revised control sequence of operations for total cost of ownership energy savings.

**C.** Contractor’s responsibility for deviations in submittals from requirements of the contract documents is not relieved by the CxA review.

**D.** Refer to Section 01 91 13 for Commissioning requirements.

**END OF SECTION**