

## **DEMONSTRATION AND TRAINING**

### **Section: 01 79 00**

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#### **PART 1 – GENERAL**

##### **1.1 SUMMARY**

This Section includes the demonstration and training requirements required of the Contractor on the Project.

- A. The Contractor shall instruct and demonstrate the operation of each selected system to the Owner's Authorized Representative (OAR) and other Owner's maintenance and operations personnel.
- B. Amount of time to be devoted to the instructional sessions shall be reasonable and consistent with size and complexity of equipment as determined by the OAR.

##### **1.2 SUBMITTALS**

- A. The Contractor shall submit a proposed outline and syllabus for each instruction session to the OAR for approval, a maximum of twenty (20) Calendar Days and no less than ten (10) Calendar Days before scheduled date of instruction. Indicate the list of topics to be covered and identify training and visual aids, which will be used.
- B. The Contractor shall produce a professional quality video recording on a properly labeled DVD in MP4 format for each instruction session. The recordings shall be produced by experienced videographers. One (1) original draft copy of each video shall be submitted to the OAR for approval. Any recordings of unacceptable quality shall be recreated at Contractor's sole expense.
- C. Submit complete record of instructions as part of Operations and Maintenance (O&M) Data given to Owner. For each instructional period, supply following data:
  - 1. Date of Training
  - 2. Date of Submittal
  - 3. System or equipment involved
  - 4. Names of instructors and affiliation
  - 5. All participants present at the training.
- D. Upon approval of the OAR, the Contractor shall upload one (1) copy of each training video into the Skier Unifier software application into the designated folder, unless otherwise directed by the OAR, and submit two (2) DVD copies of all training videos to the OAR.

##### **1.3 QUALITY ASSURANCE**

The Contractor shall arrange for services of qualified manufacturer's representatives who are knowledgeable about the product to instruct the OAR and other Owner's personnel on proper maintenance, operation and calibration of equipment.

#### **PART 2 – PRODUCTS**

##### **2.1 INSTRUCTION PROGRAM**

- A. The Contractor shall furnish a minimum of five (5) draft O&M Manuals for the classroom instruction that shall be pertinent to the subject being covered and the approved syllabus.
- B. The O&M Manual(s) shall constitute the basis of instruction. Review contents of the manual with the Owner's personnel in full detail to explain all aspects of operations

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and maintenance including, but not limited to, start-up, daily operation, control adjustment, trouble-shooting, servicing, and maintenance and shut-down of each item of equipment.

Prepare and insert additional data sheets as required in the O&M Manual(s) when it becomes apparent during instruction that it is needed as directed by the OAR.

### **PART 3 – EXECUTION**

#### **3.1 INSTRUCTION TO OWNER'S PERSONNEL**

Prior to the date of Project Substantial Completion, the Contractor shall instruct the OAR and other Owner's designated operating and maintenance personnel in operation, adjustment and maintenance of products, equipment, and systems at agreed schedule. For equipment requiring seasonal operation, perform training at the agreed schedule.

### **PART 4 - MEASUREMENT AND PAYMENT**

Not Used.

**- END OF SECTION -**