

## **PART 1 - GENERAL**

### **1.1 DESCRIPTION**

- .1 Demonstrate operation and maintenance of equipment and systems to PWGSC personnel two (2) weeks prior to date of final inspection.
- .2 PWGSC will provide list of personnel to receive instructions, and will co-ordinate their attendance at agreed-upon times.

### **1.2 QUALITY CONTROL**

- .1 When specified in individual Sections require manufacturer to provide authorized representative to demonstrate operation of equipment and systems, instruct PWGSC personnel, and provide written report that demonstration and instructions have been completed.

### **1.3 SUBMITTALS**

- .1 Submittals: in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit schedule of time and date for demonstration of each item of equipment and each system two weeks (2) prior to designated dates, for Departmental Representative's approval.
- .3 Submit reports within one week (1) after completion of demonstration, that demonstration and instructions have been satisfactorily completed.
- .4 Give time and date of each demonstration, with list of persons present.

### **1.4 CONDITIONS FOR DEMONSTRATIONS**

- .1 Equipment has been inspected and put into operation.
  - .2 Testing, adjusting, and balancing has been performed in accordance with Section 01 91 13 - General Commissioning (Cx) Requirements and equipment and systems are fully operational.
  - .3 Provide copies of completed operation and maintenance manuals for use in demonstrations and instructions.
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## **1.5 PREPARATION**

- .1 Verify that conditions for demonstration and instructions comply with requirements.
- .2 Verify that designated personnel are present.

## **1.6 DEMONSTRATION AND INSTRUCTIONS**

- .1 Demonstrate start-up, operation, control, adjustment, trouble-shooting, servicing, and maintenance of each item of equipment at agreed upon times, at the designated location.
- .2 Instruct personnel in phases of operation and maintenance using operation and maintenance manuals as basis of instruction.
- .3 Review contents of manual in detail to explain aspects of operation and maintenance.
- .4 Prepare and insert additional data in operations and maintenance manuals when need for additional data becomes apparent during instructions.

## **1.7 TIME ALLOCATED FOR INSTRUCTIONS**

- .1 Ensure adequate amount of time allocated for instruction of each item of equipment or system as follows:
  - .1 Division 25 – Integrated Automation.
  - .2 Division 26 - Electrical System.

## **1.8 MEASUREMENT FOR PAYMENT**

- .1 No separate measurement for payment shall be made for items under this section. Include costs for Demonstration and Training in the lump sum portion of work on the Bid and Acceptance Form.

## **PART 2 - PRODUCTS**

Not applicable

## **PART 3 - EXECUTION**

Not applicable