

PART 1 GENERAL

1.1 DESCRIPTION

- .1 Two demonstration and training sessions shall be provided: one upon completion of functional and performance testing, and one prior to Start-up in 2014. The sessions shall cover operation and maintenance of all equipment and systems.
- .2 The Departmental Representative will provide list of personnel to receive training, 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 the Departmental Representative's 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 prior to designated dates, for the Departmental Representative's approval.
- .3 Submit reports within one week 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 Testing, adjusting, and balancing have been performed in accordance with Section 01 91 13 - General Commissioning Requirements and equipment and systems are fully operational.
- .2 Provide copies of completed operation and maintenance manuals for use in demonstrations and instructions.

1.5 PREPARATION

- .1 Verify that conditions for demonstration and instructions comply with requirements.
- .2 A qualified representative of the packaged sewage lift station manufacturer shall be present for demonstration and training.
- .3 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 scheduled times, at the designated location.
- .2 Instruct personnel in phases of operation and maintenance using operation and maintenance manuals as basis of instruction.
- .3 Provide recommendations for winterization of sewage pump station.
- .4 Review contents of manual in detail to explain aspects of operation and maintenance.
- .5 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 an adequate amount of time required for instruction of each item of equipment or system is scheduled. Allow for question and answer periods and operator feedback.

1.8 TRAINING LOGS

- .1 A sign in sheet is to be used to record the training provided, names of personnel trained, names of trainers and the dates such training was conducted. This log is to be kept in the Operations and Maintenance Manual.

END OF SECTION