

ADDENDUM #4

All clauses set forth in the Bidding Documents, Contract Documents and General Requirements of the original Contract Documents shall apply to and govern this work. The addendum refers to changes and additions to the original Contract Documents and is to be read in conjunction with the same. All other parts of the original Contract Documents are to be considered as applying to the work of this Contract with the exceptions and changes as noted below.

ADDENDA

1. Reference Drawing M2 - Boiler Installation, Floor Plan Details:

- .1 Add new Drawing Note .16:
".16 Contractor to provide oil tank leak detection system LD-1 and fuel monitoring system. Acceptable material: Veeder Root, Gilbraco or equal. Systems to be as follows:

DIGITAL TANK GAUGE SYSTEM

1. Gauge system shall be the mechanically or electronically actuated type that can continuously monitor a tank's usable liquid level storage capacity. The systems shall provide a digital readout of tanks compartments liquid level in terms of mm, inches, litres and gallons. The system shall be accurate to plus or minus 2mm (1/16 inch). The system shall measure water accumulation in mm inches from 20 to 125mm (3/4 to 5 inches) off the bottom of each storage tank compartment. Construct system components to be chemically compatible with the fuel to be handled. For each tank compartment monitored, provide a sending unit that transmits the digital readout from a tank to an electronic display panel. Panel shall be standard industrial enclosure. The panel shall display the digital readout of each monitored tank compartment on an LCD mounted exterior to the panel. The panel shall also have external controls to allow operators to toggle between information on the LCD without having to open the panel and shall provide paper printouts. Gas and Diesel tanks to come with float kits and magnetostrictive probes.

LEAK DETECTION SYSTEMS

1. Automatic digital continuous monitoring systems responsive to the presence of water and hydrocarbons in the interstitial space of the double-wall tanks, in the tank manhole access enclosures, and in the accessible belowground containment sumps. System shall distinguish between hydrocarbon and water and identify location of leak as to individual tank and piping system. System may be combined with tank fluid level monitor and alarm system specified.

2. Functions and Arrangements:

1. Single control station to monitor all sensing probes.
2. Visual indicator to monitor and identify leaks as water or hydrocarbon and location.
3. Indicators showing system status including faults and alarms.
4. On board printer that provides complete reports of all system functions upon command.
5. Panel circuit test button.
6. 95 dB audible alarm with silencing control to sound when leak is detected.
7. Eight hour memory backup system with battery.
8. NEMA 250 Type 4 cabinet.

9. UL or other accredited testing laboratory listing.
10. Optional RS232 Modbus for future communications with control system to indicate system in service and alarm conditions.
11. To come with a manufacturer specified weatherproof Nema 4x style enclosure with heat strips.
12. System to be supplied with an alarm with buzzer and strobe light and be installed to sound if the presence of fuel is detected.

END OF SECTION