

Performance Work Statement (PWS) for HMI

1.0 DESCRIPTION OF SERVICES

1.1 Provide the periodic inspection, testing, and calibration of digital controls, instrumentation, switches, and ancillary equipment for DFSP Point Loma's Human Machine Interface (HMI) fueling system controller. Excluded are testing and inspection of tanks, inventory systems, piping/tank cathodic protection systems, oil water separators, and annual meter proving.

1.2 The intent of the contract is to provide for safe, effective, and continuous operation of the HMI fueling system controller in accordance with federal, state, local laws and regulations, and the owners Hazardous Waste Management Plan. Contractor will also provide training to government personnel as required.

1.3 Provide 24/7 technical support for HMI systems via telephone and four (4) on site assistance visits over the course of a 12 month period. The scheduling of visits shall be a result of consultation with DFSP operations and to de-conflict potential scheduling concerns and to minimize systems down time.

1.4 Ensure that the following systems and controls are operating in accordance with design specifications, and when systems are not operating in accordance to design specifications, provide corrective actions to DFSP Point Loma personnel as needed:

- Verify/repair power supplies
- Verify/repair audible and visual alarms
- Inspect/calibrate flow switches, digital control valves, pressure sensors (PITS), and liquid level transmitters.
- Make modifications and updates to HMI display as required
- FSII, lubricity injection systems and surge tanks
- Pumps and MOVs
- 8 AST CLA-Valve electrical operations and high level sensors
- Provide training of personnel on system operations and maintenance
- Investigate any other HMI fuel related system failure as requested by DFSP Point Loma.

2.0 GOVERNMENT RESPONSIBILITIES

Provide reasonable accommodation to the contractor to adjust annual inspection dates to accommodate potential conflicts with contractor's obligations for commissioning of new systems.

DFSP Point Loma shall provide passes for access to systems and required escorts for secured areas. DFSP Point Loma maintenance personnel will be required to assist in system testing and air elimination and provide data on problems experienced. In addition, system as-built data will need to be made available to contractor to assist in inspection/calibration/testing of systems and components. Any fuel evacuation from equipment or piping for the purpose of repairs shall be by DFSP Point Loma personnel. DFSP Point Loma Operators shall be responsible for providing equipment for the

purpose of testing any system dispensing components. The contractor, in performance of inspection, calibration, and testing, shall work with the operators to minimize system's downtime.

3.0 PERIOD OF SERVICES

Period of service will be for 12 months, with four (4) renewable options.