DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND, PACIFIC
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Notice No. 5
29 July 2016

PRE-PROPOSAL QUESTIONS & ANSWERS

RFP N62742-16-R-1305
AIRFIELD LIGHTING MODERNATION, MARINE CORPS BASE HAWAII
KANEOHE, HAWAII

NOTE: The following questions and answers are provided for INFORMATION ONLY. The RFP remains unchanged unless it is amended in writing on a Standard Form 30.

233. RFI 011: Reference – Amendment 6 – provided as built drawings.
Provided as-built drawings in amendment 6 have limited information and do not cover the entire P-902 project area, in addition P-902 plans do not include profiles for the new duct banks. We would like to bring to your attention that this project (P-902) has over 70,000 LF of new and removal of duct banks. In order to price duct bank trenching accurately/competitively, all bidders will need duct line profiles to show all conflicts with existing utilities. These conflicts will increase dramatically duct bank trenching cost due to depth increase to resolve conflicts.

RESPONSE: See record drawings in Amendment 0008.

234. Provided P-902 drawings "only" provide typical duct lines sections on sheet E-512.
Are all bidders suppose to estimate based on these sections and ignore all possible conflicts with existing utilities?

RESPONSE: See record drawings in Amendment 0008.

235. During construction, if duct lines depths/covers are increased more than what's shown on sheet E-512 to resolve conflicts with existing utilities, will this case be treated as change order?

RESPONSE: See record drawings in Amendment 0008.

236. Please review this important issue and advise, due to time limitation, required effort, nature of this solicitation (design – bid build, not design-build). It is not feasible for all bidders to allocate resources to design profiles for over 70,000 LF duct banks to allow them price this item competitively.

Please provide direction how to price duct bank trenching with respect to possible conflicts with existing utilities

RESPONSE: See record drawings in Amendment 0008.

237. Reference: RFI #225, AP MPMS Chapter 2.2E
API MPS Changer 2.2E has provided the following definition:

Petroleum and Liquid Petroleum Products—Calibration of Horizontal Cylindrical Tanks—Part 1: Manual Methods (includes Errata 1 dated November 2009) (ANSI/API MPMS 2.2E) Specifies manual methods for the calibration of nominally horizontal cylindrical tanks, installed at a fixed location. It is applicable to horizontal tanks up to 4 m (13 ft) in diameter and 30 m (100 ft) in length. The methods are applicable to insulated and non-insulated tanks, either when they are above-ground or underground. The methods are applicable to pressurized tanks, and to both knuckle-dish-end and flat-end cylindrical tanks as well as elliptical and spherical head tanks. This chapter is applicable to tanks inclined by up to 10 % from the horizontal provided a correction is applied for the measured tilt. For tanks over and above these dimensions and angle of tilt, appropriate corrections for tilt and appropriate volume computations should be based on the “Coats” equation.

Question: Being that the specified diesel aboveground storage tank will be rectangular-shaped, not cylindrical nor any other shape included in the above definition. Will this eliminate the need to comply with this requirement?

RESPONSE: No

238. In response to the NAVFAC response of "Comply with the specification requirement as stated" to my previously submitted RFI (see Question #225 in "Notice 4" - uploaded 7/27/2016), I have the following new RFI: Brief research into the definition of API MPMS Chapter 2.2E has provided the following definition:

Petroleum and Liquid Petroleum Products—Calibration of Horizontal Cylindrical Tanks—Part 1: Manual Methods (includes Errata 1 dated November 2009) (ANSI/API MPMS 2.2E) Specifies manual methods for the calibration of nominally horizontal cylindrical tanks, installed at a fixed location. It is applicable to horizontal tanks up to 4 m (13 ft) in diameter and 30 m (100 ft) in length. The methods are applicable to insulated and non-insulated tanks, either when they are above-ground or underground. The methods are applicable to pressurized tanks, and to both knuckle-dish-end and flat-end cylindrical tanks as well as elliptical and spherical head tanks. This chapter is applicable to tanks inclined by up to 10 % from the horizontal provided a correction is applied for the measured tilt. For tanks over and above these dimensions and angle of tilt, appropriate corrections for tilt and appropriate volume computations should be based on the “Coats” equation.

Being that the specified diesel aboveground storage tank will be rectangular-shaped, not cylindrical nor any other shape included in the above definition, will this eliminate the need to comply with this requirement?

RESPONSE: No

239. Sheet E-002 (Note #15), Sheet E-233, Sheet E-605 – Please provide the type, size and quantity of cable. There is no description of the cable in the specification or drawings.

RESPONSE: Synchronizing/control/interconnect cable requirements for REILs vary by manufacturer. Coordinate cabling requirements with REIL supplier/manufacturer.

240. Sheet E-002 (Note #15), Sheet E-233, Sheet E-605 – Please provide the specification for the synchronizing/control/interconnect cable.

RESPONSE: Synchronizing/control/interconnect cable requirements for REILs vary by manufacturer. Coordinate cabling requirements with REIL supplier/manufacturer.

241. Is it allowed to work along-side taxiways without closing them?

RESPONSE: See Specification Section 01 14 00 Paragraph 1.2

242. If Taxiway Lights are going to be inoperable at night, can we use approve blue reflective Taxiway Edge Markers which would be temporarily installed?

RESPONSE: No. See Specification Section 01 14 00 Paragraph 1.2.