



# BID OPPORTUNITY NO. 16-2006, ADDENDUM NO.1

## SUPPLY, DELIVERY AND INITIAL START-UP INSPECTION OF PORTABLE PUMPING UNITS

### **URGENT**

**PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY**

ISSUED: January 25,2006  
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**THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS**

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**Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 8 of Form A: Bid may render your Bid non-responsive.**

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### **PART E – SPECIFICATIONS**

- Revise: E8.2.1 (c) to read:      Rotation (viewed from suction):                      Clock-wise or Counter Clock-wise
- Delete: E8.2.2 (e)
- Delete: E8.2.2 (f)
- Delete: E8.2.3 (c)
- Revise: E8.2.3 (d) to read:      Provision shall be made for axial adjustment of the rotating element to maintain proper clearance between the impeller and front head wearing rings.
- Revise: E8.2.3 (e) to read:      The seal chamber shall be integral with the backhead and suitable for the use of a mechanical seal.
- Delete: E8.2.3 (f)
- Revise: E8.2.3 (g) to read:      The seal chamber shall be provided with a tapped drain hole.
- Revise: E8.2.6 (b) to read:      The impeller shall be of the non-clog type. The impeller shall be cast in one piece and shall be balanced both statically and dynamically. If the impeller supplied has been trimmed from a larger impeller, it shall be trimmed over its full height, no lip or protrusion shall be left around the bottom edge. Trimmed impellers shall be balanced after trimming. The impeller shall be machined and polished to a smooth finish
- Revise: E8.2.6 (c) to read:      The impeller shall be designed to ensure smooth operation without cavitation or vibration and shall be keyed securely to the tapered shaft and held in place by an impeller nut that is dome shaped with a smooth face and blended into the hub so as not to allow any stringy material to accumulate around the nut and stainless steel set screw, or the impeller may be threaded directly onto shaft in the opposite direction of rotation. The assembly of the impeller and shaft shall be so constructed and the parts so interlocked that the impeller cannot become loosened by torque resulting from rotation.
- Revise: E8.2.8 (c) to read:      The shaft shall be accurately machined along its entire length and a keyway or lock connection shall be provided at the drive end and, if required, on the impeller end.
- Delete: E8.2.8 (d)

Delete: E8.2.8 (e)

Delete: E8.2.8 (f)

Revise: E8.2.10 (a) to read: The pumps shall be equipped with mechanical seals. The sealing faces shall be silicon carbide or tungsten carbide. Seals shall be as manufactured by John Crane, Durametallic or approved equal

Revise: E8.2.10 (b) to read: Seals shall be capable of withstanding suction pressures of 70 psi.

Revise: E8.2.12 (a) to read: Shall be Viton, Nitrile or an approved equal material

Revise: E8.2.13 (a) to read: Pump shall be supplied with a check valve mounted on the discharge outlet of the pump.