



TECHNICAL SPECIFICATION

TITLE: PURCHASE OF BRAND NEW SUBMERSIBLE PUMP

1.0 SCOPE OF CONTRACT

The scope shall be supply, delivery and commissioning of brand new submersible pump to General Santos City Water District (GSCWD).

2.0 SUBMERSIBLE PUMP OPERATING REQUIREMENTS

Particulars	Requirements
Number of Unit	1
Minimum Capacity at design Head, lps(gpm)	11 (176)
Design Head TDH, m(ft)	49 (161)
Size of Discharge pipe, mm (in)	102 (4")
Minimum Pump Efficiency at design head, percent	72%
Design Speed (RPM)	3400-3600
Pump Valve Casing, Diffuser and Suction casing Type	316 Stainless Steel
Impeller, Shaft Bearing	316 Stainless Steel - EPDM Rubber
Pump Shaft	316 Stainless Steel
Conical Valve, Suction Screen	316 Stainless Steel
Flanged coupling Type	316 Stainless Steel
Bowl Intermediate	316 Stainless Steel



3.0 TERMS AND CONDITIONS

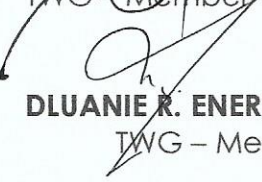
- a)** The scope of work shall be supply, delivery and commissioning of brand new submersible pump to General Santos City Water District (GSCWD).
- b)** The winning bidder is required to submit actual documents (manuals, data sheets, manufacturer's test results, name plate specifications and etc.) of the unit.
- c)** That during the installation and commissioning of the unit, the winning bidder shall be required to send a technician. All relevant and incidental cost (transportation, accommodation, allowances and etc.) in the commissioning of the equipment shall be shouldered by the winning bidder.
- d)** Field testing shall be made once the unit are ready for operation and when both the GSCWD and winning bidder have finished their scopes of work on the installed units. GSCWD engineers shall conduct field testing with the presence of winning bidder's representative. Pump must meet the minimum testing requirements in terms of capacity, head, and efficiency. In case the unit failed to pass the field testing, the winning bidder shall make necessary corrections / changes to replace the unit without cost to GSCWD.



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- e) The winning bidder shall deliver the submersible pump within **thirty (30)** calendar days upon receipt of Purchase Order (PO).
 - f) The winning bidder shall be subjected to Liquidated Damages (LD) for each day of delay as provided by the IRR of RA 9184.
 - g) That the winning bidder shall issue a warranty certificate of not less than one (1) year and the warranty shall commence from the date of commissioning of the pumping equipment.
 - h) That the bidder must have an available qualified and trained technicians 24/7 in case of equipment failure.

Prepared by:


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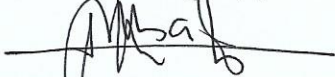
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