

Letter no 3419 / OREDA.

Dt 17.8.2016

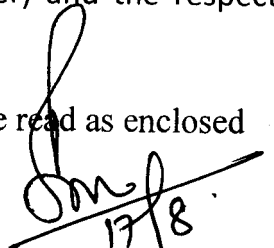
VII/SSD/SL-1/16


Corrigendum to the Notice Inviting Tender no -3042 / OREDAtd-22.7.16

In the Eligibility Criteria (P- 20 of the revised and final tender document) it may be read as

“g) Max. of 10% of the tendered quantity shall be considered for local small and medium entrepreneurs subject to their meeting all specifications and terms / conditions (except the experience and turnover) and the respective model matching the L1 price.”

In the Technical Specification, Annexure-A, P-32 shall be read as enclosed


17/8
Chief Executive


16/8/16



5. TECHNICAL SPECIFICATION

DEFINITION: Solar energy based dual pump piped water supply scheme includes complete solution for supply, installation, commissioning and Comprehensive Maintenance contract (CMC) for 5 years. The solar dual pump should consist of arrangement of installation of solar photovoltaic submersible pump in the hand pump in the same bore well/Tube well.

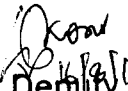
System should consist Solar Panels, Hot dip galvanized Tank Tower Structure (3m ht) suitable for LLDPE(5000 liters) with relevant IS specification, Auto Water Level Controller, required no of common Stand Post.

I. Technical Specification of Solar Dual Pumping System:

1. Maximum Pumping head - 90 mtr.
2. Daily yield of Solar Submersible Pump at solar irradiance 7kWh/m²/day- more than 5000 lpd
3. Overhead Water Tank capacity - 5,000 liters LLDPE Tank of relevant IS specification.
4. Galvanized Overhead Tank Structure height 3 mtr. in knocked down condition with provision for mounting panel structure above over head tank.
5. Stand posts with 4 taps at two sites.
 - Battery bank should not be used as a backup system.
 - There may be provision of remote monitoring (optional)
 - Solar panels should be connected as per MNRE standard
 - Solar panels should be placed on top of the OHT for security.
 - The system should be suitable for 100mm bore size.

II. Solar Submersible Pump:-

- Light weight stainless steel positive displacement/ roto-dynamic equivalent submersible pump with MPPT pump controller with suitable indication and control, Permanent magnet brushless motor.
- Pump type - 1 HP, Positive displacement, roto-dynamic equivalent
- Rated rpm – As per MNRE specification
- Rated voltage – As per MNRE specification
- Rated current – As per MNRE specification
- Built-in features -
 - a. Outer dia should fit the bore well ,
 - b. Out let of the pump should be as per MNRE specification
 - c. Dry run protection
 - d. Wire to water efficiency as per MNRE specification
 - e. Over and under voltage protection as per MNRE specification
 - f. Overload protection as per MNRE specification
 - g. Temperature protection as per MNRE


Deputy Director(Tech)
Technical Division-III
OREDA, Bhubaneswar