

**CORRIGENDUM-II**

NIB No. **18/JREDA/SWPS/2HP-AC/SuR/2016-17** regarding **“Design, Supply, Installation, Testing & Commissioning including 5 years Comprehensive Maintenance Contract (CMC) of 100 nos. of 2 HP AC Surface Solar Water Pumping Systems (SWPS) capacity on Turnkey basis for irrigation purpose in the state of Jharkhand.”**

**Section-6 (Technical Specification), Page no. 9 & 10 of Corrigendum is amended as following:**

**Point no.VI:**

- Controller for BLDC motor driven pumps, if required be used. The controller must have IP 54 protection or must be housed in a cabinet having at least IP 54 protection- **Deleted.**

**Indicative Technical Specification of Shallow Well (Surface) Solar Pumping Systems with A.C. Induction Motor Pump Set and a suitable inverter.**

Description	Model-II
PV array	1800 Wp
Motor capacity	2 hp
Shut Off Dynamic head	15 meters
Water output*	1,62,000 liters per day from a total head of 10 meters

\*Water output figures are on a clear sunny day with three times tracking of SPV panel, under the “Average Daily Solar Radiation” condition of **7.15 KWh/sq.m on the surface of PV array (i.e. coplanar with the PV Modules).**

Notes:

1. Suction head, if applicable minimum 7 meters.
  2. For higher or lower head / PV capacity, or in between various models; water output could be decided as per the clause II. (i.e. performance specifications and requirements) specified earlier.
  3. If submersible pumps are used in lieu of surface pumps, the water output must match that of the surface pumps as specified in this table.
  4. Module mounting structure shall be MS hot dipped galvanized, with a facility of manual tracking at least three times a day.
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2. Changes made as above in technical specification may be read accordingly for similar changes in related technical specification.
3. The Corrigendum shall form the integral part of the NIB.

Sd/-  
Director  
JREDA, Ranchi