**SCHEDULE-B**

**SUPPLYING/ INSTALLING SOLAR SYSTEM COMPLETE TO RUN 7.50 BHP MOTOR FOR VILLAGE KHARO JANI (ALAM DIN LANJO) TALUKA ISLAMKOT FOR INSTALLATION OF 10 NOS. TUBE WELLS FOR DISTRICT THARPARKAR.**

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| 1 | Solar panels 320W high efficiency cell 20 years warranty cell poly crystal line, Providing, Installing, Testing, connection and Commissioning of solar PV modules, Cell type polycrystalline, PV module efficiency 16-17% to design 8.50 KW Solar (to run 7.50 BHP Motor) PV arrat modules cells must be protected with IP65 Compliance and must confirm to the latest edition of Q sele (made in Germany) and international Standards, with all accessories as required up to satisfaction of the Engineer Incharge. |
| 2 | Solar mounting MS framing Providing Installing connecting testing 7.50 BHP PV Arrays. The structure design shall be designed to sustain worst weather condition. |
| 3 | Solar Cable DC flexible 10 mm pure copper for whole system supply Connection and termination of DC cable from PV modules of inverter to motor w.r.t system ratings volt’s/ amperes copper grid cable to be laid in PVC conduit across the soute with the all accessories and materials required for completion of job. |
| 4 | Solar converter VFD providing, installing, testing and commissioning of (Sun indisen made in Germany) converter VFD for 8.50 KW array, 3-Phase AC output voltage 440V, 50 HZ efficiency 97% or higher completer with reverse current protection, DC over voltage protection, power control module, grid monitoring and AC/DC connectors for input/output voltage complete with all accessories as required up to satisfaction of the Engineer Incharge. |
| 5 | Breakers and breaker box (Terasaki made in Germany). |
| 6 | Junction Box. |
| 7 | Lux, Ties, nut bolt. |
| 8 | PVC cable protection pipe bend for cable (10 mm DC wire). |
| 9 | Transportation of Goods. |
| 10 | Installation of the System. |

1 Job @ Rs. P.Job Rs.

**Total Rs.**

**CONDITIONS**

* The rates should be inclusive of all the Taxes i/c. Sales Tax, Octroi. Royalties etc, if any.
* No separate carriage will be allowed to the contractor.
* The Testing of the works/Pumping Machinery/Pipe will be arranged by the contractor at his own cost, No separate payment will be made.
* No premium will be allowed on Non-Schedule items.
* Any error or omission in the specifications/items will be governed by the relevant specifications and schedule of rates.
* The decision of the Executive Engineer will be final and binding on all the parties in any dispute.
* The contractor will have to submit the certificate of manufacturer at the time of supply of Machinery.

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| **CONTRACTOR** |  | **EXECUTIVE ENGINEER**  PUBLIC HEALTH ENGG: DIVISION  THARPARKAR @ MITHI |