**SCHEDULE “B”/BOQ**

**HEAD OF ACCOUNT: 06 HOUSING AND COMMUNITY AMENTIES (CAPITAL) 063 WATER SUPPLY 0631 W/S 063102 WORKS**

**NAME OF WORK: SUPPLYING AND INSTALLMENT SOLLAR SYSTEM OF 10 KVA FOR RURAL WATER SUPPLY SCHEME MUHAMMAD UMER MEMON (QAZIABAD) AND ADD JOINING VILLAGES TALUKA & DISTRICT BADIN.**

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| **SR NO** | **NAME** | **RATE** | **UNIT** | **AMOUNT** |

Supply and Installing in position including I/C Transportation to site of Rural water Supply Scheme Solar panels 200w high efficiency cells 25 years warranty cell poly crystal line, providing, Installing, testing, connection and Commissioning of solar PV modules, Cell type polyerstalling, PV module efficiency 16-.17% to desing 10 KVA solar Pv array Modules cells must be protected with 1P65 compliance and must conform to the latest edition of IEC and International Standards, with all accessories 40 Nos,.Solar mounting MS framing: Providing, Installing connecting, testing and 10 KVA solar PV arrays. The stricture design shall be designed to sustain worst weather connection.40 Nos, Solar cable D.C flexible 6 mm Pure copper for whole system supply connection and termination of D.C cable from PV modules of inverter to motor W.r.t system ratings volt’s / amperes copper gird cable to be laid in PVC conduit across the route with the all accessories and materials required for completion of Job 01 No**,** Solar inverter: Proving, Installing, Testing and commissioning of MPPT Inverter for 10 KVA PV arrary, 3 phase Ac output voltage 230/ 400v, 50 hz efficiency 97% or higher Completer with reverse current protection, DC overvoltage protection, power control module, grid monitoring and AC/ DC connectors for input / output voltages complete with all accessories 01 No. Breakers and breaker box 01 No, Junction Box 5Nos, Lux, Ties, nut bolt 01 No, PVC Cable protection pipe bend for cable 01 No. Lux, Ties, nut bolt 01 No. Transportation of Goods 01 No, Installation of the system 01 Nos. as required upto satisfaction of the engineer

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Qty:1.00 No @Rs. each **Rs.**

**TERMS AND CONDITIONS:**

1. Any error or commission in description of items Quantity and units will be governed by relevant schedule of rates and relevant analysis.
2. The Decision of the Superintending Engineer Public Health Engg: Circle Hyderabad will be final and binding g on all the parties in any shape.
3. The rate schedule be inclusive if all taxes.
4. No premium allow on be non schedule items.
5. No Separate carriage will be paid.

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| **FIRM/ CONTRACTOR** |  | **Executive Engineer**  **Public Health Engg: Division**  **Badin** |