



**STATE BANK OF INDIA**  
PREMISES AND ESTATE DEPARTMENT,  
LOCAL HEAD OFFICE, 2<sup>ND</sup> FLOOR, III/1, PT. J N MARG  
BHUBANESWAR-751001

**PART - II**

**PRICE BID (INDICATIVE)**

**E-TENDERING FOLLOWED BY E-REVERSE AUCTION  
FOR**

**DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING (SITC) OF  
REMOTE MONITORING ON-GRID ROOFTOP SOLAR (PV) POWER SYSTEM AT  
10 BANK'S OWN BRANCH/RESIDENTIAL BUILDINGS UNDER BHUBANESWAR  
CIRCLE**

<b>Tender No. BHU/P&amp;E/2023-24/12/04</b>
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<b>Date: 31.01.2024</b>
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**ELIGIBILITY: BANK'S EMPANELLED SOLAR VENDORS OF BHUBANESWAR  
CIRCLE UNDER CATEGORY SOA**

NAME OF TENDERER : .....

ADDRESS : .....

GST No. : .....

## INDICATIVE PRICE BID

The cost of Solar Power Plant shall include all necessary components as per respective technical specifications such as on-grid inverter, bi-directional meter (HT/LT), cables, MCBs, switches, fuses, earthing and lightning arrestors etc., getting necessary approvals from Government Authorities/ local DISCOMS, as per the site requirement and shall be a lump-sum turnkey price.

Sl. No.	Description	Unit	Quantity	Rate/kWp (excl. GST)
	Design, Supply, Installation, Testing and Commissioning of ON-GRID Remote Monitoring Rooftop Solar Power Plant of total capacity of 375.60 kWp (tentative) at 10 No. Branches/ Residential Buildings as per the detailed specification given in the tender document including warranty, operation and comprehensive maintenance for a period of 5 years from the date of completion of work:	kWp	1	
Amount in figures:				

Note:

1. The quoted price is inclusive of all taxes (except GST), duties, freight with insurance up to site, for installation within the State of Odisha, GST will be reimbursed by the Bank.
2. The scope of work includes supply & installation of earthing & lightning arrestors on each building and supply of Bi-Directional meter with bidder cost. Getting the approvals from the various departments for installation of Bi-Directional meter with his cost including liasoning charges and fee payable to DISCOMs (TPCODL/ TPNODL/ TPWODL/ TPSODL) or any Government bodies, Odisha and other incidental charges if any to complete the work in all respects and up to the Bank's satisfaction.
3. Bidder has to interlock all the PV modules structures with 50mm X 50mm X 4 mm MS angle and take support from the parapet wall to avoid damages due to wind flow.
4. Amount payable to the successful bidder(s) is based on the installed capacity, which shall be intimated to the successful bidder(s) on due course while issuing work order.
5. Provision with surge protection for LAN port, to access & view the parameters which are displayed in the inverter in internet.
6. Bidder has to lay suitable earth flat/strip from earth pit to each array of solar power plant including inverter. Earth strip should be painted with two coats of red oxide primer and one coat of anti-rust green paint with his cost.
7. The scope of work includes laying of suitable size armoured copper cable from ground floor main panel to AC DB (IP65) which will be installed by the bidder near inverter (Max length of the cable is 50 Rmt).
8. In case of a tie between one and more vendors, the vendors who have quoted the same amount will be asked to submit the revised offer till the L1 is decided (but in no

case the vendors should quote the revised offer over and above their previous quoted offer).

9. L-1 bidder(s) has to arrange for visit of Bank's Engineer for Solar PV (photovoltaic) Module testing at manufacturers unit/location before placing order and bidder has to ensure the efficiency of the Solar PV Module should be minimum 17% and above (certification has to be submitted).

10. **K-FACTOR FOR REVERSE AUCTION:**

The price quoted by the bidder will be an indicative price for the respective item. The received tenders will be evaluated and e-Reverse auction will be conducted over the reserved price fixed by the Bank. After the Closure of e-Reverse auction, the lowest bidder has to submit the Price confirmation letter & detailed breakup for his offer (in the same format of 'Indicative Price Bid') containing the final rates of all the items calculated by multiplying all the rates quoted by them against each item in the indicative price bid with 'K' factor. Please note that **'K' factor is the ratio of the total amount quoted by the lowest bidder through e-Reverse auction and the total amount quoted by him in the indicative price bid.**

**E-Reverse Auction: K- Factor**

The final rates of the items may be calculated in ratio of total **amount quoted by the lowest bidder through reverse auction process** and **the amount quoted in indicative price bid, wherever specified in tender.**

**Example:**

**Indicative Price Bid submitted by vendor:**

Item	Rate (R) (in Rs.)	Qty.	Amount (in Rs.)
A	100	2	200/-
B	200	3	600/-
C	300	4	1200/-

**Total amount in Indicative Price bid 2000/-**

The total amount mentioned in indicative price bid is Rs.2,000/- but the final L-1 amount quoted by the vendor through E-reverse auction is Rs.1, 600/- then the K-factor for L-1 vendor will be calculated as under:

**Ratio K = (Total amount quoted by the lowest bidder through reverse auction process) / (The amount quoted in indicative price bid).**

$$K = 1600 / 2000 = 0.8$$

**The item wise final price to be confirmed by the vendor shall be as under:**

Item	Rate (R) (in Rs.)	Qty.	Amount (in Rs.)
A	100 x 0.8	2	160/-
B	200 x 0.8	3	480/-



C	300 x 0.8	4	960/-
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**Total amount worked out after e-reverse Auction Rs.1600/-.**

- **The lowest bidder after the e-reverse auction process will have to fax & email the duly signed filled-in prescribed format to SBI through service provider within 24 hours of auction without fail.**