

BID FOR Survey, Design, Engineering, Supply, Procurement, Installation, Erection, Construction, Commissioning & Operation and Maintenance of 185 MW (AC) solar PV grid connected power plant along with 45.4 MW for 4 Hour (Min. 254 MWh) Battery Energy Storage System on EPC Basis with 10 years O&M at Kajra, Dist.: Lakhisarai, Bihar, India.

vi.	Bid Validity	:	One Hundred and Eighty (180) days from the date of opening of the Technical Bid of this Tender
vii.	Date of opening of Tender Fee, EMD Cover, Vendor Registration and Technical Bid (Online opening).	:	04.01.2024, 17:00 Hrs onwards
viii.	a) Opening of Financial Bid b) Reverse Auction starts from	:	Will be intimated separately to technically qualified bidders.
ix.	Target date for Commissioning of Project	:	Please refer clause no 6.10
x.	Tentative Date for completion of Operational Acceptance Test	:	1 Month from the date of commissioning as per clause no (ix) above
xi.	Performance Guarantee (PG) Test Period	:	<p>Performance Guarantee (PG) Test Period shall start as under:</p> <p>A) If the Contractor successfully completes Operational Acceptance Test (OAT) i.e. a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test) in first attempt then PG Test Period and O&M Period will start from the date when the OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)) was started.</p> <p style="text-align: center;">(OR)</p> <p>B) In case the Contractor fails the OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)) in the first attempt, the Contractor shall be allowed maximum 30 days for corrective actions and further next OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)) shall start on completion of 30 days period or earlier as desired by the Contractor with written consent from BSPGCL. The PG Test and the O&M period shall start from the date when of second OAT (a. OAT for Solar Plant & b.</p>

OAT for BESS (Battery Capacity Discharge Test)) period is started. In case the Contractor fails in the second attempt as well, a penalty will be imposed at 1% of Solar EPC Cost for failing OAT for solar plant and penalty will be imposed at 10% of BESS EPC Cost for failing of OAT for BESS (Battery Capacity Discharge Test) . In this case, irrespective of the result (whether pass or fail) of the OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)), the PG Test and O&M Period shall start at the beginning of the second OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)).

(OR)

C) However, in case of failure of the second OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)), if the Contractor needs more time to further take corrective action at its own discretion, then the same may be allowed by BSPGCL without imposing any further penalty on the Contractor towards such subsequent OATs (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)). However, if the Contractor is successful in third attempt, then the penalty deducted at the time of unsuccessful 2nd attempt of OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)) shall be returned but if the Contractor fails in third attempt of OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)), then penalty charged at the time of second

BID FOR Survey, Design, Engineering, Supply, Procurement, Installation, Erection, Construction, Commissioning & Operation and Maintenance of 185 MW (AC) solar PV grid connected power plant along with 45.4 MW for 4 Hour (Min. 254 MWh) Battery Energy Storage System on EPC Basis with 10 years O&M at Kajra, Dist.: Lakhisarai, Bihar, India.

		unsuccessful attempt of OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)) shall not be returned to the Contractor. In such cases the PG Test and O&M Period shall start upon the completion of the on-going OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)), if any, upon the written intimation of the Contractor to BSPGCL. If OAT (a. OAT for Solar Plant & b. OAT for BESS (Battery Capacity Discharge Test)) is passed successfully, the deducted penalty shall be released.
xii.	Operation and Maintenance (O&M) Period	: Upon start of PG Test Period as per Clause No. xi above for a period of ten (10) years.
xiii.	EMD Validity	: One Hundred Eighty (180) days from the date of opening of the Technical Bid of this Tender
xiv.	Bank Guarantee for shortfall at the time of PG test (if applicable)	09 Years from the Completion of PG Test.
xv.	Site visit of the location	Date: 21.12.2023 (One Day Prior to Pre-Bid meeting) Bidders are requested to register with Name, Mobile no & company name detail on mail IDs mentioned in the tender for site visit.

Note: The above-mentioned dates are subject to amendment, in which case the amendments shall be publicly intimated.

TABLE B: IMPORTANT AMOUNTS

Sr.	Head	Amount (and Validity)
i.	Tender Fees (non-refundable)	Rs. 29,500/- (Rupees Twenty-Nine Thousand Five Hundred Only)

BID FOR Survey, Design, Engineering, Supply, Procurement, Installation, Erection, Construction, Commissioning & Operation and Maintenance of 185 MW (AC) solar PV grid connected power plant along with 45.4 MW for 4 Hour (Min. 254 MWh) Battery Energy Storage System on EPC Basis with 10 years O&M at Kajra, Dist.: Lakhisarai, Bihar, India.

ii.	Earnest Money Deposit (EMD) in the form of Bank Guarantee (Refundable/adjustable)	Rs 18.26 Cr/- (Rs. Eighteen Crore Twenty-Six Lakhs Only)
iii.	Bid Processing Fee	: As per e-tender portal

BID FOR Survey, Design, Engineering, Supply, Procurement, Installation, Erection, Construction, Commissioning & Operation and Maintenance of 185 MW (AC) solar PV grid connected power plant along with 45.4 MW for 4 Hour (Min. 254 MWh) Battery Energy Storage System on EPC Basis with 10 years O&M at Kajra, Dist.: Lakhisarai, Bihar, India.

IMPORTANT NOTE TO BIDDERS:

Timely submission of offer to BSPGCL: In addition to bid submitted online, EMD in the form of Bank Guarantee shall also be submitted physically in sealed cover so that the same is received in this office on or before the due date and time. EMD Bank Guarantee documents should be strictly submitted by **RPAD/Speed post/Courier** only. Otherwise, the offer will not be considered and no any further communication in the matter will be entertained. **Please note that Price Bid is not to be submitted in physical form.**

No Tender shall be accepted in any case after due date and time of receipt of the Tender, irrespective of delay due to postal services or any other reasons and BSPGCL does not assume any responsibility for late receipt of the Tender.

1. All interested parties are requested to understand this Tender in detail in order to comply with BSPGCL's requirements including but not limited to the fees and deadlines, selection criteria, selection methodology, scope of work, and minimum technical standards. They shall strictly abide by ALL terms prescribed in this Tender and provide accurate information to the best of their knowledge without misleading the Company to be considered for participation.
2. It is mandatory for all the Bidders to submit their Financial Bid ONLINE only via e-tendering portal.
3. Technical Bid (Techno-commercial Bid) to be submitted as **soft copy (online)**. It is mandatory for all the bidders to submit their Technical Bid (Techno-commercial Bid) documents in online mode as per the provisions of e-tendering Portal. Bidders shall submit the EMD in the Form of Bank Guarantee Physically at the office of BSPGCL mentioned in this tender document.
4. Envelope Containing EMD in the form of Bank Guarantee shall be addressed to: **The Chief Engineer (GEN.), BIHAR STATE POWER GENERATION COMPANY LIMITED, Registered Office: 5thFloor, Vidyut Bhawan, Bailey Road, Patna – 800001 Bihar.** Complete postal address of the Bidder shall appear on all the envelopes so that it is possible to find out whose Bid it is without opening the envelope.