

## NOTICE for RFQ and RFP

Sr. Divisional Electrical Engineer(General) KOTA Division, West Central Railway, for & on behalf of the president of India invites sealed Request for Qualification and Request for proposal in single stage two packet system from reputed and experienced solar power developers for the following work.

1	Name of work	Implementation of rooftop/cop ,solar PV system at Kota division of West central Railway” the projects are located at various locations of KOTA division having an aggregated capacity of 4.19 MW through public-private partnership (“PPP”) on design, build, finance, operate and transfer (the “DBFOT”) basis and the supply of electricity to railways under long-term fixed rate PPA(i.e for period of 25 years after commissioning of projects).
2	Estimated project cost(Approx)	Rs 16.4 crore (As per Bench mark cost of MNRE )
3	NIT No.	Sr. DEE/G/Kota/IR/SPV/RFQ/WCR/01/2023-24
4	Period of completion	9 month from appointed date
5	Cost of Bid documents	Rs 34810/- (Thirty four thousand, eight hundred ten only), non refundable to be submitted either through NEFT/RTGS in account of Sr. D F M , W C R K O T A payable at KOTA (Account No 36903587166, IFSC code SBIN0000390, MICR code 482002001, Branch code 00390)  <b>Dispensation for MSEs:</b> - Micro & Small Enterprises ( MSEs) bidders who are having Valid Udyog Adahar certificate will be exempted for payment of Bid Document fee Rs 34,810/-.
6	Pre bid conference (Optional)	10.11.2023 Sr.DEE(G) Office ,Kota
7	Date and time of submission of Bid & opening	Bid submission closing 22.11.2023 at 15.00 hrs. Bid opened at 15.30 hrs on 22.11.2023
8	Eligibility criteria :	<p><b><u>Technical Capacity</u></b></p> <p>(i) Bidder who have experience of successful installation of minimum aggregate 200 KW capacity of Grid connected solar rooftop systems in Developer or EPC mode before the scheduled date of submission of Technical Bid. Such experience should be of the BIDDER himself.</p> <p style="text-align: center;"><b>QR</b></p> <p>Bidder who have experience of successful installation and Commissioning of minimum aggregate 1000 KW capacity of any Grid connected systems in Developer or EPC mode in any sector viz. residential, social, industrial, commercial, government or any other before the scheduled date of submission of Technical Bid. Such experience should be of the BIDDER himself.</p> <p>(ii) Details of experience to establish the above experience, self-certified documents like copies of the Orders, Certificates of installation and commissioning, from the client/user Agency, Project/application registration number with SECI/State Nodal Agency with commissioning report/meter installation report as a proof of commissioning, shall be mentioned in the Appendix-I Annexure-II and submitted along the Technical Offer.”</p>

### Financial Capacity

- (i) Average Turnover of the interested bidder during last 3 financial years shall be **Rs.150 lakh / year.**

Bidder must have positive net worth in all last three financial years.

- (ii) Parent Company: Eligibility criteria of parent company of the bidder shall also be considered for bidder's eligibility criteria if the parent company is holding minimum 26% share in the bidding company. Documentary evidence shall be submitted along with the bid.

- (iii) Audited and Certified copies of the Annual Accounts should be enclosed. For the preceding years, a summarized sheet of turnover certified by **Statutory Auditors (Sole proprietor ship/firm) shall** be enclosed as per Appendix-I Annexure-III.

- (iv) For proprietary/partnership companies, copies of Income Tax returns with full details of turnover should be enclosed. A summarized sheet of turnover certified by **Statutory Auditors (Sole proprietor ship/firm) shall** also be enclosed.]

The Bidder should have valid GSTIN registration certificate in the State. A copy of which should be enclosed."

7. Performance Security (PBG)	<b>Performance Security</b> (PBG): Rs 16.02 Lakh/MWp. This PBG amount shall be furnished by the successful bidder to Zonal Railways within 30 days of Signing of PPA.
8. Bid Security/EMD:	<b>Bid Security/EMD:</b> Rs. 10.68 Lakh/MW is to be submitted in the form of Bank Guarantee along with the Response to RFQ/RFP. Waiver of EMD for MSMEs wide Rly board letter no 2012/Elect(G)/150/4/Pt. IV (MBD) Dt. 30.06.2023 Format of Bank Guarantee for Bid Security is provided at Appendix-II of RFP.
9. Bid process Management fees	Within 30 days of signing of PPA, successful bidders to provide Bid Process Management Fee of <b>Rs 75,000/-</b> per MWp (Rupees Seventy five thousand) (Exclusive of GST) of the awarded/signed capacity in PPA to <b>Sr. DFM West Central Railway.</b>
10. METHOD OF BID SUBMISSION	(On line & offline mode) .Pl see Page No 32 to 33 of Tender Document. If the bidder has submitted off line documents and fails to submit the on line documents bid then the same shall be treated as incomplete bid and Cost of Bid document submitted shall be enchased.

**Important instruction to be followed while submitting offer**

1	Reverse power relay should be provided to ensure solar generation when state supply gets OFF & DG set is working.
2	For daily monitoring of solar generation software based on line system should be developed . To access system ,login ID& password to each depot in charge where solar installed , including representative of Sr.DEE(G) Office should be provided .
3	EIG permission will be required if bidder has setup their own system i.e. Provision of 11 KV /415 V transformer, panels etc as per requirement of site.Otherwise EIG permission is not necessary.
4	In way side stations/small places where discom supply is not reliable& capacity of solar plant is below 25 KW, single phase inverter to be provided and output is connected to AT with metering arrangement to keep record of energy consumed and transferred to AT .This will also avoid net metering process with discom .
5	Supply to inverter will be released from incoming supply i.e substation not from LT panel
6	Project capacity may be vary according to site requirement and feasibility.

Sr. Divisional Electrical Engineer(G)  
West Central Railway, Kota

## Kota Division Roof top area

## A 3kw up to 10 kw

SN	Location	Roof top area available in KWp	Benchmark cost (Rs/kw) as per MNRE	Total Amount
1	New ROH Kota (in one portion)	10	44640	446400
Total		10		446400

## B 10 kw upto 100 kw

SN	Location	Roof top area available in KWp	Benchmark cost (Rs/kw) as per MNRE	Total Amount
1	RRI Kota (in two portion)	38	41640	1582320
2	Old Officer Rest house Kota (in 3 portion)	52	41640	2165280
3	Power house Kota (in one portion)	36	41640	1499040
Total		126		5246640

## C 100kw upto 500kw

SN	Location	Roof top area available in KWp	Benchmark cost (Rs/kw) as per MNRE	Total Amount
1	Bharatpur Railway station	435	39080	16999800
2	Work Shop ,Kota	2360	39080	92228800
3	Bayana station	200	39080	7816000
4	Sawai Madhopur Station	255	39080	9965400
5	Bundi station	227	39080	8851620
6	Bhavani mandi station	288	39080	11270672
7	Ramganj mandi station	297	39080	11606760
Total		4062		158739052

Total of A+B+C= 164432092/-  
Total roof top area = 4198 kw =4.19 MW