

**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 <b>Kota</b> division of West central Railway” the projects are located at various locations of <b>KOTA</b> division having an aggregated capacity of 2.33 MWp 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 8.42 crore (As per Bench mark cost of MNRE )
3	NIT No.	<b>Sr. DEE/G/Kota/IR/SPV/RFQ/WCR/01/2024-25</b>
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 S r . 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)	<b>23.05.2024</b> Sr.DEE(G) Office ,Kota
7	Date and time of submission of Bid & opening	<b>Bid submission closing 03.06.2024 at 15.00 hrs. Bid opened at 15.30 hrs on 03.06.2024</b>
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;">OR</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 turn over 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.”

<b>7.Performance Security (PBG)</b>	<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.
<b>8.Bid Security/EMD:</b>	<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.
<b>9. Bid process Management fees</b>	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>
<b>10. METHOD OF BID SUBMISSION</b>	(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	40991	409910
Total		10		<b>409910</b>

**B 10 kw upto 100 kw**

**B**

SN	Location	Roof top area available in KWp	Benchmark cost (Rs/kw)as per MNRE	Total Amount
1	RRI Kota (in two portion)	38	38236	1452968
2	Old Officer Rest house Kota (in 3 portion)	52	38236	1988272
3	Power house Kota (in one portion)	36	38236	1376496
Total		126		<b>4817736</b>

**C 100kw upto 500kw**

**C**

SN	Location	Roof top area available in KWp	Benchmark cost (Rs/kw)as per MNRE	Total Amount
1	Bharatpur Railway station	435	35886	15610410
2	Work Shop ,Kota	500	35886	17943000
3	Bayana station	200	35886	7177200
4	Sawai Madhopur Station	255	35886	9150930
5	Bundi station	227	35886	8128179
6	Bhavani mandi station	288	35886	10349522.4
7	Ramganj mandi station	297	35886	10658142
Total		2202		<b>79017383.4</b>

**Total of A+B+C= 84245029.4/-**  
**Total roof top area = 2338 kw =2.33 MW**