

**BIKANER DIVISION-ELECTRICAL/NORTH WESTERN RLY  
TENDER DOCUMENT**

Tender No: 23-EI-BKN-E-TENDER22-23

Closing Date/Time: 02/12/2022 15:00

Sr.DEE acting for and on behalf of The President of India invites E-Tenders against Tender No **23-EI-BKN-E-TENDER22-23** Closing Date/Time 02/12/2022 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Name of Work</b>	Modification of existing 10 kWp solar power plant from off grid to ongrid /hybrid solar system at various stations of Bikaner Division.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	02/12/2022 15:00	<b>Date Time Of Uploading Tender</b>	10/11/2022 15:13
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	2492193.80	<b>Tendering Section</b>	GENERAL
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	49900.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	4 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	18/11/2022	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A-</b> Modification of existing 10 kWp solar power plant from off grid to ongrid /hybrid solar system at various stations of Bikaner Division.							2492193.80	
1	1	14.00	Numbers	99120.00	1387680.00	AT Par	1387680.00	
	<b>Description:-</b> Supply of 10 kVA inverter ON grid, 3 phase for solar application with MPPT technology, WiFi stick /GPRS, in built safety features, suitable for existing solar power plant as per spec. Make - Any reputed make, Warranty- minimum -5 years.							
2	2	4900.00	Metre	60.18	294882.00	AT Par	294882.00	
	<b>Description:-</b> Supply and laying of unarmoured two Core 4 Sqmm tinned copper for DC cable supply.							
3	3	400.00	Metre	36.00	14400.00	AT Par	14400.00	
	<b>Description:-</b> Supply and fixing of PVC conduit/casing capping (as per instruction of site supervisor) and its accessories, size 25 mm, thickness 1.6 mm As per IS 9537 part I.							
4	4	145.00	Metre	77.96	11304.20	AT Par	11304.20	
	<b>Description:-</b> Supply of 4 x 10 sq. mm, 1.1KV grade, LT XLPE insulated PVC outer sheathed aluminium conductor armoured cable confirming IS: 7098(Part-1) and as per tech spec.							
5	5	14.00	Job	2360.00	33040.00	AT Par	33040.00	
	<b>Description:-</b> Minor repairs for existing modules, structure etc., dressing of cables including cleaning existing system							
6	6	14.00	Numbers	1864.36	26101.04	AT Par	26101.04	
	<b>Description:-</b> Supply and fixing of DCDB included 30 Amp fuses suitable for 10 kWp							
7	7	14.00	Numbers	2633.33	36866.62	AT Par	36866.62	
	<b>Description:-</b> Supply and fixing of ACDB including MCB 4 Pole 32 Amp., Surge protection device, 15/16 Amp fuse, connectors. Suitable for 10 kWp							
8	8	224.00	Numbers	44.06	9869.44	AT Par	9869.44	
	<b>Description:-</b> MC 4 connectors suitable for solar panels.							
9	9	14.00	Numbers	8786.34	123008.76	AT Par	123008.76	
	<b>Description:-</b> Supply of three phase Net meter suitable for 10 kWp Solar power plant (CTR Type)							
10	10	14.00	Numbers	6249.73	87496.22	AT Par	87496.22	
	<b>Description:-</b> Supply of three phase solar meter suitable for 10 kWp Solar power plant.							
11	11	14.00	Job	4484.00	62776.00	AT Par	62776.00	
	<b>Description:-</b> Installation Charges for 10 kWp inverter, laying of cables and accessories with testing of entire system.							
12	12	56.00	Numbers	1110.42	62183.52	AT Par	62183.52	

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	<b>Description:-</b> Supply of metering CT 100/5A						
13	13	14.00	Job	8850.00	123900.00	AT Par	123900.00
	<b>Description:-</b> Loading, Unloading and transportation of 60 nos batteries from Railway station/site to Bikaner (LGH Store).						
14	14	14.00	Each	8378.00	117292.00	AT Par	117292.00
	<b>Description:-</b> Supply and fixing of MIP meter box with bakelite sheet - size of 3feet x 2feet.						
15	15	14.00	Numbers	5921.00	82894.00	AT Par	82894.00
	<b>Description:-</b> Supply and fixing of 4 pole MCCB 63 amp. 35 kA with adjustable thermal and fix magnetic release complete with box. MCCB should be of reputed make and as per tech. spec.						
16	16	500.00	Metre	37.00	18500.00	AT Par	18500.00
	<b>Description:-</b> Supplying and drawing 4.0 sq. mm PVC insulated multistrand copper conductor cable as submain and 1.5 sq. mm PVC insulated multistrand earth copper cable voltage grade 1.1 kV as earthing wire conforming to IS: 694-1990 in existing conduit/casing capping. Wire should be of reputed make and as per tech. spec						

**3. ITEM BREAKUP**

No item break up added
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**4. ELIGIBILITY CONDITIONS**

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Contractor having Valid Electrical contractor license issued by Central/State Government, will only be considered. (Valid Electrical contractor license not required for OEM or authorized dealer of OEM or sources approved by RDSO).	No	No	Allowed (Mandatory)

**Submission of Document Verification Certificate**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit a certificate in the prescribed format (please download the format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility / qualifying criteria. Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. ( <a href="#">Click here</a> to download the Format of Self Certificatio)	No	No	Allowed (Mandatory)

**5. COMPLIANCE**

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer shall submit all relevant documents as detailed in para 14 & 18.10 of Tender Form (Second Sheet) of Part I of GCC work-2022.	No	No	Allowed (Mandatory)
2	The tenderer shall submit copy regarding status of firm i.e. sole proprietorship, partnership, Company, Society/Trust etc. and also submit a power of attorney and other relevant documents as detailed in Para no. 15 of Tender Form (Second Sheet) of Part I of attached GCC-2022	No	No	Allowed (Mandatory)
3	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	Contractor should quote only the above/below percentage on estimated value, in the space provided at web portal for the purpose & nowhere else. Financial & Technical conditions quoted at any place other than prescribed space shall not be entertained while evaluating the offer.	No	No	Not Allowed
2	Tenderer are required to go through the documents attached along with the tender and submit their bids accordingly.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	23offgridtoongird.pdf	Technical Spec
2	GCC2022.pdf	Works GCC
3	CorrectionslipGCCACS2022.pdf	Advance correction slip no 1 of GCC
4	PG3Extended.pdf	Guidelines Regarding PG

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** B. S. MEENA

**Designation :** Sr.DEE/G