

**THIRUVANANTHAPURAM DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: V-EG-OT-10-2021-2022_SN3

Closing Date/Time: 13/01/2022 14:00

Sr.Divisional Electrical Engineer, General acting for and on behalf of The President of India invites E-Tenders against Tender No V-EG-OT-10-2021-2022_SN3 Closing Date/Time 13/01/2022 14:00 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.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

1. NIT HEADER

Name of Work	Trivandrum Division: Provision of solar plant at Chalakkudy station (in place of Diesel shed/Ernakulam) & Irinjalakkuda station		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	13/01/2022 14:00	Date Time Of Uploading Tender	22/12/2021 15:31
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	2100500.00	Tendering Section	WORKS
Bidding Style	Single Rate for Each Schedule Item	Bidding Unit	
Earnest Money /Bid Security (Rs.)	0.00	Validity of Offer (Days)	45
Obtain Bid Security Declaration in lieu of Bid Security	Yes		
Tender Doc. Cost (Rs.)	0.00	Period of Completion	120 Days
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	30/12/2021	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule I-Solar plant							2100500.00	
1	01	2.00	Set	640000.00	1280000.00	AT Par	1280000.00	Rs.
	Description:- Supply, erection, testing & commissioning of off-grid (Stand-alone) Solar PV power plant consisting of 5.0 kWp PV module of mono crystalline/Poly crystalline, 5 KVA Solar sine wave inverter with solar charge controller as per MNRE specification including connecting cables/switches (DC & AC) , junction boxes, mounting structure etc complete with and back -up battery bank of 28800 Whr (Preferably 16 Nos x 150 AH, 12 Volts Tubular solar batteries or equivalent to get the required Whr) -Warranty 5 Year for Solar Plant & 4 Year replacement for Batteries. make of Battery - Exide/Tata/Amaroan/HBL/Amar Raja)							
2	02	2.00	Set	118000.00	236000.00	AT Par	236000.00	Rs.
	Description:- Supply of air terminal based on early steamer electronic emission (Lightning arrestor) along with GI Pipe 3 m long with termination kit for installation at 24.0 m (Approx) height above the ground level, as per specification No. V/E.Spec/328 (R2) including supply and running of required length of PVC insulated electrolytic copper cable of 70 sq.mm down conductor							
3	03	2.00	Set	20250.00	40500.00	AT Par	40500.00	Rs.
	Description:- Supply & provision of chemical based earthing system comprising 10 feet long 16 mm dia copper bonded rod (2 Nos), Copper termination plate of suitable size (2 No) & 1 No man-hole cover, as per specification (1 set = 2 Nos earth pits with connected accessories).							
4	04	2.00	Set	11750.00	23500.00	AT Par	23500.00	Rs.
	Description:- Installation & commissioning of the lightning arrestor assembly complete							
5	05	2.00	Numbers	30000.00	60000.00	AT Par	60000.00	Rs.
	Description:- Manufacture, supply & erection of wall mounting type Power supply kiosk , powder coated of suitable size and fitted with 4 Nos 25 x 6 mm copper bus-bars, 1 No 63 A 4 Pole MCCB (16 KA adjustable , thermal magnetic type) as incomer and fitted with 2 Nos 32 A 4 Pole Isolator as outgoing, completely pre-wired, including GI fixing hardware							
6	06	50.00	Metre	850.00	42500.00	AT Par	42500.00	Rs.
	Description:- Supply & laying/clamping of 25 x 3 mm copper strip for inter-connecting earth points and switch board earth terminals							
7	07	400.00	Numbers	20.00	8000.00	AT Par	8000.00	Rs.

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	Description:- Fixing of box type 18 watts LED tube light							
8	08	400.00	Numbers	500.00	200000.00	AT Par	200000.00	Rs.
	Description:- Fabrication, supply & fixing of 16SWG MS painted sheet steel box of size 150x100x53mm with 3.0mm thick phynolic laminated sheet top and fitted with 1 No. ceiling rose, 1 No. 5A flush type fuse unit completely pre-wired							
9	09	400.00	Point	525.00	210000.00	AT Par	210000.00	Rs.
	Description:- Supply & wiring to the above MS box by means of 2 Nos, 1.5sqmm PVC insulated copper cable through 20.0mm dia ivory colour PVC pipe from PF							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	This tender is not having bid security/EMD and in lieu of the same the tenderer shall submit bid security declaration as mentioned in Annexure II uploaded with tender. This declaration is mandatory, without which the tender is treated as invalid	Yes	Yes	Allowed (Mandatory)
2	I/We also hereby agree to abide by the Indian Railways Standard General Conditions Of Contract, with all correction slips up-to-date and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by Railway in the annexed Special Conditions of contract , General Instructions and conditions , explanatory notes of schedule of work and Annexures.	Yes	No	Not Allowed
3	I/We hereby Confirm that the rates, rebates and/or other financial terms, if any, quoted by us in the relevant fields of the Financial Bid page will only be the ruling terms for deciding the inter-se ranking, and any such condition having financial repercussions, if quoted by us anywhere else including attached documents shall not be considered for deciding inter-se ranking	Yes	No	Not Allowed
4	However, Railways shall have the right to incorporate any such condition quoted by us, in the contract, at their discretion, if contract is placed on us.	No	No	Not Allowed

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5	Subsequent to the enforcement of GST Act, the modifications to Para-(a), clause 6, part I of Indian Railways Standard General condition of contract, July 2014 vide Railway Board letter No: 2017/CE/CT/4/GST(a) of 23/6/2017 is as detailed below: Clause No.6 - Care in submission of Tenders: (a)(i) Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive to accord with the provisions in Clause-37 of the Standard General Conditions of Contract for the completion of works to the entire satisfaction of the Engineer. (ii) Tenderers will examine the various provisions of The Central Goods and Services Tax Act, 2017 (CGST)/ Integrated Goods and Services Tax Act, 2017 (IGST)/Union Territory Goods and Services Tax Act, 2017 (UTGST)/respective state's State Goods and Services Tax Act (SGST) also, as notified by Central/State Govt & as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates. iii) The successful tenderer who is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to Railway immediately after the award of contract, without which no payment shall be release to the contractor. The contractor shall be responsible for deposition of applicable to the concerned authority. iv) In case the successful tenderer not able to be registered under CGST/IGST/UTGST/SGST Act, the railway shall deduct the applicable GST from his/their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority. The contractor is liable to pay the taxes as stipulated in the GST Act and Rules and also should furnish the details of GST to deduct from the contractor's bill.	No	No	Allowed (Mandatory)
6	Whether GST registration available or not?	Yes	Yes	Allowed (Optional)
7	The contractor has to submit the EPF Code as per the EPFO Act and also has to submit a statement in this regard before signing the contract agreement.	Yes	Yes	Allowed (Optional)
8	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
1	The bidder has to fill in his quoted rate against each item in the Bid rate / Unit rate column. The bidding rate is Rs./ unit, the bidder has to quote his rate for the individual item only	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	No eligibility criteria is required for works costing less than 50lakhs	No	No	Not Allowed
2	Tenderers are advised to refer the latest revision in Wages,PF,ESI,Bonus etc., as available in official website of Ministry of Labour, Govt. of India, before quoting the rates.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	In the e-tendering process,it is mandatory that every tenderer/contractor/firm registered with www.ireps.gov.in to submit his bank details ie. Name of the Bank along with Bank branch code, Account Number, IFSC code and PAN number	No	No	Allowed (Mandatory)
2	The bidder has to quote the rates inclusive of GST.	Yes	Yes	Not Allowed

6. Documents attached with tender

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S.No.	Document Name	Document Description
1	SpecialConditions.pdf	Specialcondition
2	TermsandconditionsforIJKandCKISolarplant.pdf	Termsandconditions
3	TechspecforOff-gridplant.pdf	Techspecnforoffgridplant
4	MNREspecforongridpowerplant.pdf	MNREspec
5	Lightningarrester.pdf	Lightningarrester
6	Chemicalbasedearthing.pdf	Chemical earthing
7	AppdmakeofSPV.pdf	ApprovedmakeofSPV
8	Formatforaffidavit.pdf	Affidavit
9	Annexure-II.pdf	Bidsecurity
10	AppdmakeofInverters_compressed.pdf	inverters
11	Instruction.pdf	Instruction
12	LetterofCredit.pdf	Letter of Credit

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: RENJITH R

Designation : Sr.DEE/G