

**C-WSHOP-TPTY-ELECTRICAL/SOUTH CENTRAL RLY
TENDER DOCUMENT**

Tender No: CRS-E-02-2020-21

Closing Date/Time: 02/06/2020 15:00

DEE/CRS/TPTY acting for and on behalf of The President of India invites E-Tenders against Tender No **CRS-E-02-2020-21** Closing Date/Time 02/06/2020 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.

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	CRS/TPTY - Provision of 40 kWp On grid, Ground mounted Solar Power Project in premises of CRS/TPTY		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	02/06/2020 15:00	Date Time Of Uploading Tender	04/05/2020 13:19
Pre-Bid Required	No	Pre-Bid Query Date Time	Not Applicable
Advertised Value	3038620.50	Tendering Section	WORKS
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	61000.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	3000.00	Period of Completion	90 Days
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	19/05/2020	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Revenue

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule A-Provision of 40kWp on-grid, ground mounted Solar power project							1680000.00	
1	1	1.00	Lumpsum	1680000.00	1680000.00	AT Par	1680000.00	
Description:- Supply, of material, installation, testing and commissioning of 40 KWp Grid connected, Ground mounted solar generating system with Annual maintenance contract for first 5 years as per Technical Specification & Explanatory Notes (Rate Incl. of GST**) (**Includes GST @ 5% on 70% of base value and GST @ 18% on remaining 30% of base value)								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-Provision of supporting accessories for solar plant such as web monitoring system, surveillance camera etc.,							72807.50	
2	2	4.00	Numbers	8495.00	33980.00	AT Par	33980.00	
Description:- Supply, testing and installation of Hikvision IP camera IR bullet 2MP 1/3 CMOS 4mm lens IR 30 mtrs, IR cut filter with auto switch DC 12V & POE with installation of make Hikvision or Toshiba								
3	3	4.00	Numbers	4125.00	16500.00	AT Par	16500.00	
Description:- Supply, testing and installation of metal box with accessories for surveillance camera suitable for suitable for Hikvision or Toshiba camera as per site conditions								
4	4	150.00	Metre	29.25	4387.50	AT Par	4387.50	
Description:- Supply, Installation and commission of OFC cable 6F suitable for Hikvision or Toshiba surveillance camera								
5	5	120.00	Metre	30.75	3690.00	AT Par	3690.00	
Description:- Supply, Installation and commission of Dlink cat6 lan cable coil suitable for Hikvision or Toshiba surveillance camera								
6	6	1.00	Numbers	6000.00	6000.00	AT Par	6000.00	
Description:- Supply, testing and installation of X pia 8 port poe switch 8 POE 10/100 suitable for Hikvision or Toshiba surveillance camera								
7	7	2.00	Numbers	4125.00	8250.00	AT Par	8250.00	
Description:- Supply, Installation and commission of Media converter fiber to lan 10/100 single mode suitable for Hikvision or Toshiba surveillance camera								

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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule C-Provision of Miscellaneous electrical items							1285813.00	
8	1	350.00	Metre	573.00	200550.00	AT Par	200550.00	
	Description:- Supply of 4 core, 95 Sq.mm XLPE, Aluminum armoured cable as per IS 7908(Part 1) 1988							
9	2	350.00	Metre	118.00	41300.00	AT Par	41300.00	
	Description:- Supply and erection of 63mm HDPE pipes of Grade PE-100, PN 6 (6Kg/Cm2 Capacity) with accessories as per IS 4984 - 1995							
10	3	350.00	Metre	65.00	22750.00	AT Par	22750.00	
	Description:- Excavation of cable trench in all types of soils of size 400 mm wide x 1 mtr deep, and making good of the same to its original form and shape after laying the HDPE Pipe conduit and cable complete including all connected materials and works							
11	4	350.00	Numbers	2872.00	1005200.00	AT Par	1005200.00	
	Description:- Supply and fixing of 1200mm sweep energy efficient BLDC fan with electronic regulator (remote), 300 mm length of down rod (without shackle), Input power not more than 28W, minimum 1.1 mm aluminum blade material, double ball bearing, 2 canopy, to be operated in AC single phase supply as per latest technical specification and standards							
12	5	1.00	Numbers	11210.00	11210.00	AT Par	11210.00	
	Description:- Supply of three phase bi directional energy meter suitable for smart metering purpose as required							
13	6	1.00	Numbers	4803.00	4803.00	AT Par	4803.00	
	Description:- Testing, Installation and commissioning of three phase bi directional energy meter as required							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The Tenderer should have minimum Valid B Grade Electrical License issued by Electrical Licensing Board of any state.	No	No	Allowed (Mandatory)

Submission of Affidavit

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit notarized affidavit on a non-judicial stamp paper in the prescribed format (please download format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility/qualifying criteria. Non submission of properly filled affidavit in the prescribed format shall lead to summary rejection of your offer. Click here to download the format for Affidavit	No	No	Allowed (Mandatory)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit your bank details i.e Name of the Bank along with Bank Branch code, IFSC code, Beneficiary Name, Account Name, Type of account and PAN number	No	No	Allowed (Mandatory)
2	The schedule rates are inclusive of GST. GST will be reimbursed of valid documentary evidence/proforma invoice	No	No	Not Allowed
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)

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General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The General Conditions of Contract governing the performance of the works covered by this tender are the Indian Railway Standard General Conditions of Contract as amended from time to time up to date. A soft copy of the Indian Railway Standard General conditions of Contract is uploaded in the annexed documents to the tender. Hard copy may be perused in the office of the Divisional Electrical Engineer/Carriage Repair Shop/Tirupati. In submitting his tender it would be deemed that the tenderer has kept himself fully Informed of the provision of the IRS General conditions of Contract including all corrections and Amendments issued up to date and claim that he is not aware of any amendment or correction slip to the IRS GCC shall not be entertained	No	No	Not Allowed
2	The tenderer shall thoroughly go through the entire tender documents and strictly adhere the instructions and directions given at different pages	No	No	Not Allowed
3	Tender Document Cost once paid is non-refundable	No	No	Not Allowed
4	Unreleased EMD, if any, held with the Railway Administration, shall not be adjusted towards the EMD to be remitted.	No	No	Not Allowed
5	If the Tenderer(s) deliberately give(s) wrong information/ incorrect documents in his/their tender or create circumstances for the acceptance of his/their tender, the Railway reserves the right to reject such tender at any stage. The entire EMD and any other dues available with Railway against that contract will be forfeited. Action will be taken to suspend the business with the tenderer for a period of one year. In addition, Administration reserves the right to prosecute under suitable law	No	No	Not Allowed
6	All terms and conditions in the tender documents are binding on the Tenderers.	No	No	Not Allowed
7	Railways reserves the right to accept or reject any or all the tenders and to award the work in whole or in part without assigning the reason for any such action	No	No	Not Allowed
8	The Tenderers are advised to visit the site of work in their own interest and acquaint themselves with the site conditions and expected quantum of work and assess all the site specific difficulties to be experienced while executing the same and the rate shall be arrived duly considering all the facts above and quoted in the tender. Any representation at a later date specifying the site difficulties shall not be consider	No	No	Not Allowed
9	All the prospective tenderers are requested to remit cost of tender form through online 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. Tender offer not accompanying with the requisite, as above, shall summarily be rejected	No	No	Not Allowed
10	In case the date of closing mentioned in the Notice Inviting Tender is declared a holiday/bandh/strike etc. on any account, the date of closing tender online will not be changed as the application in the website of IREPS does not permit submission of any offer after closing date and time of the tender. However, opening of tenders online will be on any convenient day after the closing date/time of tender	No	No	Not Allowed
11	The tender documents are not transferable and the cost of tender documents is not refundable in any circumstances	No	No	Not Allowed
12	The Tenderer should sign one copy of the General conditions of contract (form enclosed) as a token of acceptance at the time of executing the agreement	No	No	Not Allowed
13	Should the Railway decide to negotiate with a view to bring down the rates, the tenderer called for negotiations should furnish the following form of declaration before commencement of the negotiations.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Indian Railway Standard General Condition of Contract, September - 2019	No	No	Not Allowed

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2	<p>(i) Contractor is to abide by the provisions of various labour laws in terms of above clause 54, 55, 55-A and 55-B of Indian Railways Standard General Conditions of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in'. Contractor shall register his firm/company etc. and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The Registration/ updation of Portal shall be done as under: (a)Contractor shall apply for onetime registration of his company/firm etc. in the Shramikkalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor's registration in the portal within 7 days of receipt of such request. (b)Contractor once approved by any Engineer, can create password with login ID (PAN No.) for subsequent use of portal for all Letter of Acceptances (LoAs) issued in his favour. (c)The contractor once registered on the portal, shall provide details of his Letter of Acceptances (LoAs) / Contract Agreements on shramikkalyan portal within 15 days of issue of any LoA for approval of concerned Engineer. Engineer shall update (if required) and approve the details of LoA filled by contractor within 7 days of receipt of such request. (d)After approval of LoA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramikkalyan portal on monthly basis. (e)It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour & payments made thereof after each wage period. (ii)While processing payment of any 'On Account Bill' or 'Final Bill' or release of 'Advances' or 'Performance Guarantee / Security deposit', contractor shall submit a certificate to the Engineer or Engineer's representatives that "I have uploaded the correct details of contract labours engaged in connection with this contract and payments made to them during the wage period in Railway's Shramikkalyan portal at 'www.shramikkalyan.indianrailways.gov.in' till ____Month, ____Year."</p>	No	No	Not Allowed
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Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I /We am /are aware of the site conditions	No	No	Not Allowed
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/Specifications, Schedule of Rates with all correction slips up-to date for the present contract.	No	No	Not Allowed
3	I/We have read the various conditions to tender attached/referred to in this tender and agree to abide by the said conditions.	No	No	Not Allowed
4	I/We also agree to keep this tender open for acceptance for a period of 90 days from the date fixed for opening the same and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money	No	No	Not Allowed
5	I/We offer to do the work for South Central Railway, at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within the period of completion stipulated in the tender document, from the date of issue of letter of acceptance of the tender	No	No	Not Allowed
6	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. 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
7	Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.	No	No	Not Allowed

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8	The amount as stipulated in tender document is herewith forwarded as Earnest Money. Full value of the earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our tender is accepted and if I/We do not execute the contract documents as stipulated in performance guarantee clause of IR SGCC-2019 as detailed in Instruction to Tenderers	No	No	Not Allowed
9	All the bidders / tenders should ensure that they are GST compliant and their quoted tax structure / rates are as per GST Law	No	No	Not Allowed

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The quantities shown above are approximate and to give a General guideline Railway reserves the right to increase or decrease or to delete any of the items	No	No	Not Allowed
2	All rates quoted in the tender shall be deemed to be inclusive of all Taxes royalties payable by the contractor{s} to the Government or public body or local authority and no additional amount will be paid or claim entertained on this account by the Railway.	No	No	Not Allowed
3	It is responsibility of the tenderer that they ensure to see any corrigendum of the tender to check the corrigendum on the website from time to time	No	No	Not Allowed
4	The tenderer shall inspect the proposed site of work and acquaint himself themselves with the site conditions working hours layout of laid trees and shrubs that he they cut for making stacking space for aggregates approach road path way available working area local conditions etc and all other relevant items connected with the execution of the work No claims shall be entertained from the contractors for making his their own arrangement for approaches approach roads etc in and outside Rly Land and contractor will bear entire expenses such as road taxes payment for right of Way etc to outsiders and for constructions of approaches approach road etc	No	No	Not Allowed
5	Attention of tenderers invited to clause 37 of IR SGCC-2019 as per which the rates quoted by the tenderer should be deemed to be inclusive of all types of taxes levies fees Royalty etc. The rates are also inclusive of all lead and lifts If any type of taxes is quoted by the tenderer separately then the offer shall be summarily rejected.	No	No	Not Allowed
6	Tenderer /s are required to submit a scanned / attested copy of following information alongwith their tender- 1. Bank Account No 2. Name of Bank 3. Indian Financial System Code {IFSC} 4.PAN No 5. Tenderers Contact No Contractor should provide firms PAN, issued by Income Tax Department with his quote or within 30 {Thirty} days of award of contract. No payment will be released without submission of PAN. All taxes {including surcharge and cess shall be recovered from his payment as per tax provisions in vogue	No	No	Allowed (Optional)
7	The procedure for obtaining Performance Guarantee is outlined below: (a) The successful bidder shall have to submit a Performance Guarantee (PG) within 21 (Twenty one) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 21 (Twenty one) days and upto 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21(Twenty one) days, i.e. from 22nd day after the date of issue of LOA. Further, if the 60th day happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day. In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated railway shall be entitled to forfeit Earnest Money Deposit and other dues payable against that contract. In case a tenderer has not submitted Earnest Money Deposit on the strength of their registration as a Startup recognized by Department of Industrial Policy and Promotion (DIPP) under Ministry of Commerce and Industry, DIPP shall be informed to this effect. The failed Contractor shall be debarred from participating in re-tender for that work.	No	No	Not Allowed
8	Tenderer must note that his offer shall invariably accompany all scanned copies of documents required for fulfilling the minimum eligibility criteria. After opening of tender no document will be accepted. Only clarification / verification of credentials will be done.	No	No	Not Allowed

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9	Tender Offer should accompany with the scanned copies of required Documents such as Power of Attorney, Partnership deed, Joint Venture and originals of the same (on Stamp Papers) should be submitted on requirement of the office.	No	No	Not Allowed
10	The tenderers shall not add any conditions on their own either in their covering letter or in the tender documents while submitting their offer. Any such conditions if stated and if are in violation of the Railways tender conditions or having financial implication may lead to summary rejection of the offer. Railway reserves the right to reject such tenders summarily without assigning any reasons whatsoever.	No	No	Not Allowed
11	Engineering organization in Annexure "G"	No	No	Allowed (Optional)
12	List of plants and machinery in Annexure "H"	No	No	Allowed (Optional)
13	List of works completed during the last 3 Financial years Annexure 'I'	No	No	Allowed (Optional)
14	List of works on hand in Annexure "J"	No	No	Allowed (Optional)
15	Attested copy of Experience Certificate in Annexure K (As applicable)	No	No	Allowed (Optional)
16	NEFT Mandate Form at Annexure III	No	No	Allowed (Mandatory)
17	Any other information/ Certificate required as per Tender document for Partnership deed, Article of association, MOU, JV agreement, Proprietary firm etc.,(As applicable)	No	No	Allowed (Optional)
18	Checklist of Documents to be submitted along with Tender at Annexure I	No	No	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	T-NO-CRS-E-02-2020-21_2.pdf	Tender Document
2	Standard_General_Condition_060919.pdf	General conditions of contract
3	rdsospecforgridconnectedsolar2014latest.pdf	RDSO Spec for Solar system
4	SpecificationforMaintenancefreeearthing.pdf	Earthing specification

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.

Signed By: YEMULA SRITEJA

Designation : DEETPYS