

**SIG-SHOP-PTJ-S AND T/SOUTHERN RLY  
TENDER DOCUMENT**

Tender No: SGW-S-203-SRT-OT-21-22

Closing Date/Time: 09/11/2021 15:00

CWM /S T/WS/PTJ acting for and on behalf of The President of India invites E-Tenders against Tender No **SGW-S-203-SRT-OT-21-22** Closing Date/Time 09/11/2021 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**

<b>Name of Work</b>	Installation of ON Grid Roof Top Solar System of 60kwp capacity on Roof Top of Relay Shop and BIS Shop at S&T Workshop Podanur		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	09/11/2021 15:00	<b>Date Time Of Uploading Tender</b>	05/10/2021 18:02
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	1881750.00	<b>Tendering Section</b>	TENDER
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money /Bid Security (Rs.)</b>	0.00	<b>Validity of Offer ( Days)</b>	45
<b>Obtain Bid Security Declaration in lieu of Bid Security</b>	Yes		
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	3 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	26/10/2021	<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 (WMS)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule NS-Installation of ON Grid Roof Top Solar System of 60kwp capacity on Roof Top of Relay Shop and BIS Shop at S&amp;T Workshop Podanur</b>							1881750.00	Above/ Below/Par
1	Please see Item Breakup for details.				1881750.00	AT Par	1881750.00	
<b>Description:-</b> Installation of ON Grid Roof Top Solar System of 60kwp capacity on Roof Top of Relay Shop and BIS Shop at S&T Workshop Podanur								

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule NS-Installation of ON Grid Roof Top Solar System of 60kwp capacity on Roof Top of Relay Shop and BIS Shop at S&T Workshop Podanur					
<b>Item- 1</b>	Installation of ON Grid Roof Top Solar System of 60kwp capacity on Roof Top of Relay Shop and BIS Shop at S&T Workshop Podanur					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Design, supply and fixing of Solar Panel mounting structure made up of Hot dip galvanized steel with a minimum galvanization thickness of 120 microns for fixing of 750nos of Solar Panels (80W each, to be supplied by Railways), with Stainless steel accessories complete, to be fixed on the Rooftop of the Buildings (Relay shop and BIS shop) as per Technical specification attached. The mounting structure fixing arrangement/foundation if any required to be done by the contractor as per the MNRE Specification. Note : 1. Solar Panel mounting structure require RITES inspection prior to Supply. 2. The Required 80W Solar Panels only will be supplied by Railways. (including 18% GST)	Set	1.00	566400.00	566400.00

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2	2	Design, Supply at site, fixing, testing and commissioning of 60 kWp Ongrid inverter panel with inbuilt charge controllers, MPPT controller, Anti-islanding solutions, DC and AC disconnects, Reverse Protection Relay and other features like automatic data logging and various kinds of protection for the different components of the system, confirming to MNRE Specification and Technical specification attached. Note: Inverter requires RITES inspection prior to supply. (including 5% GST)	Set	1.00	288750.00	288750.00
3	3	Supply, fixing and commissioning of Earth electrode and continuity strip conforming to IS-3043 standard and MNRE specification. (including 18% GST)	Numbers	6.00	23600.00	141600.00
4	4	Supply and commissioning of all associated Electrical(BOS) components like cables(DC&AC), Junction boxes, fuses, circuit breakers, DCDB, ACDB, Lightning Arrestor, Surge protection and any other associated parts, components required for complete installation, commissioning of Solar Power plant and for its satisfactory working conforming to MNRE specification and Technical specification attached (including 18% GST)	Set	1.00	885000.00	885000.00
					<b>Total</b>	<b>1881750.00</b>

**4. ELIGIBILITY CONDITIONS**

**5. COMPLIANCE**

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All the contracts on works/goods/services will be subject to the new GST act as applicable from time to time. Contractors have to register themselves with GST authorities and to furnish the GST registration number in order to process the bills from 01.7.2017	Yes	No	Allowed (Mandatory)
2	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.	Yes	No	Allowed (Optional)
3	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	Yes	No	Allowed (Optional)
4	I/We have read the various conditions to tender attached hereto and agree to abide by the said conditions	Yes	No	Allowed (Optional)
5	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	Yes	No	Allowed (Optional)
6	I/We offer to do the work for CWM/S&T/WS/PTJ, 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. The amount as stipulated in the 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 : (a) I/We do not execute the contract documents as stipulated in performance guarantee clause of GCC as detailed in general instructions. (b) I/We do not commence the work within seven days after receipt of orders to that effect.	Yes	No	Allowed (Optional)
7	I/We have read the various conditions attached/ referred to in this tender document, and agree to abide by the said conditions.	Yes	No	Allowed (Optional)
8	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	Allowed (Optional)

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9	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.	Yes	No	Allowed (Optional)
10	I/We have read the various conditions attached/ referred to in this tender document, and agree to abide by the said conditions.	Yes	No	Allowed (Optional)
11	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
12	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	Yes	No	Not Allowed
13	Manual submission of EMD and cost of tender form cannot be entertained/Considered and hence no need of uploading the scanned copy of financial instruments	No	No	Not Allowed
14	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	INSTRUCTIONS TO TENDERERS	No	No	Not Allowed
1.1	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
1.2	Unreleased EMD, if any, held with the Railway Administration, shall not be adjusted towards the EMD to be remitted.	No	No	Not Allowed
1.3	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 tenderere for a period of one year. In addition, Administration reserves the right to prosecute under suitable law.	No	No	Not Allowed
1.4	All terms and conditions in the tender documents are binding on the Tenderers.	No	No	Not Allowed
1.5	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
1.6	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 considered.	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	Earnest Money Deposit: As per the recent policy guidelines issued by Railway Board vide Lr.No.2020/CE-I/CT/3E/GCC/Policy Dated.30.12.2020, the bidder has to mandatorily submit the following declaration along with their offer: Bid Security Declaration: I/We, M/s (Name of bidder) am/are aware that I/We have been exempted from submission of Bid Security/Earnest Money Deposit in lieu of this Bid Security declaration. I/We understand and accept that if I/We withdraw my/our bid within bid validity period or if awarded the tender and on being called upon to submit the Performance Guarantee/Performance Security fail to submit the same within the stipulated time period mentioned in tender documents or on being called upon to sign the contract agreement fail to sign the same within stipulated period mentioned in tender documents, I/We i.e., the bidder shall be banned from submission of bids in any Works/Service Tender issued try Indian Railways for a period of 12 months from the date of such banning done on e-platform IREPS.Non-submission of the above bid security declaration will lead to rejection of their bid.	No	No	Not Allowed
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**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 your bank details i.e.Name of the Bank along with Bank Branch Code, Account Number, IFSC Code, and PAN Number	Yes	No	Allowed (Mandatory)
2	Please furnish list of personal, organization available on hand and proposed to be engaged for the subject work.	No	No	Allowed (Optional)
3	In the e-tendering process, it is mandatory that every tenderer/contractor/firm registered with WWW.IREPS.GOV.IN to submit your bank details i.e.Name of the Bank along with Bank Branch Code, Account Number, IFSC Code, and PAN Number	Yes	No	Allowed (Mandatory)
4	Please furnish list of plant and Machinery available on hand own and proposed to be inducted own and hired to be given separately for the subject work.	No	No	Allowed (Optional)
5	Please furnish list of personal, organization available on hand and proposed to be engaged for the subject work.	No	No	Allowed (Optional)
6	Please furnish list of Works completed in last three financial years giving Description of Work, Organization for whom executed, approximate value of contract at time of award, Date of award and Date of Completion. Date of actual Start, Actual Completion and Final value of Contract shall also be given.	Yes	No	Allowed (Mandatory)
7	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)
8	Statement of works on hand	No	No	Allowed (Optional)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/we have carefully gone through the tender documents, specifications, special conditions etc. attached with the tender documents.	No	No	Not Allowed
2	I/We undertake to keep this offer valid for a period indicated in tender documents from the date of opening of tender and further not to revoke the same before the expiry of such period.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	TenderDocument.pdf	Tender Document
2	TenderForms.pdf	Tender Forms
3	BidSecuritydeclaration.pdf	Bid Security Declaration
4	TechnicalDatatobefilledbyTenderer.pdf	Technical Data
5	Formatofcertificate.pdf	Format of certificate

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6	WorkSchedule.pdf	Work schedule
7	TenderNotice.pdf	Tender Notice
8	Specialconditionsofcontract.pdf	Special conditions of contract
9	MNRESpecification.pdf	MNRS specification for Solar system
10	InstructionsandconditionstoTenderers.pdf	Instruction to tenderers
11	Eligibilitycriteria.pdf	Eligibility criteria
12	Formatforexperiencecertificate.pdf	Experience certificate
13	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:** DHANANJAY HEMBRAM

**Designation :** PE/WS/PTJ