

**SER HQ-ELECTRICAL/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: ADEE-SOLAR-2024-5

Closing Date/Time: 19/06/2024 15:00

DY.CESE/SER acting for and on behalf of The President of India invites E-Tenders against Tender No **ADEE-SOLAR-2024-5** Closing Date/Time 19/06/2024 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

Name of Work	Provision of 55 nos. 10KWp, 21 nos. 5 KWp & 46 nos. 2 KWp on grid connected roof top Solar Plant at GRC.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	19/06/2024 15:00	Date Time Of Uploading Tender	24/05/2024 18:20
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	37334621.80	Tendering Section	ELECT/GENL
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	336700.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	05/06/2024	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 1 -Provision of 55 nos. 10KWp, 21 nos. 5 KWp & 46 nos. 2 KWp on grid connected roof top Solar Plant at GRC. (All rates are inclusive of GST @ 18%)							37334621.80	
1	1	46.00	Each	101810.40	4683278.40	AT Par	4683278.40	
	Description:- "Supply , Installation, commissioning and testing of 2 KWp ONGrid solar power plant. The cost includes cost of Solar PV panels (with domestic cell and modules), inverter (single/3 phase wherever applicable), balance of system e.g. cable, switches/ circuit breaker/ connectors/ junction box, mounting structure, earthing, lightening arrester, and civil works , installation & commissioning, Under warranty maintenance for 5 years, transportation, insurance, applicable taxes, etc.							
2	2	21.00	Each	241846.90	5078784.90	AT Par	5078784.90	
	Description:- "Supply , Installation, commissioning and testing of 5 KWp ONGrid solar power plant. The cost includes cost of Solar PV panels (with domestic cell and modules), inverter (single/3 phase wherever applicable), balance of system e.g. cable, switches/ circuit breaker/ connectors/ junction box, mounting structure, earthing, lightening arrester, and civil works, installation & commissioning, Under warranty maintenance for 5 years, transportation, insurance, applicable taxes, etc."							
3	3	55.00	Each	483693.80	26603159.00	AT Par	26603159.00	
	Description:- "Supply , Installation, commissioning and testing of 10 KWp ONGrid solar power plant. The cost includes cost of Solar PV panels (with domestic cell and modules), inverter (single/3 phase wherever applicable), balance of system e.g. cable, switches/ circuit breaker/ connectors/ junction box, mounting structure, earthing, lightening arrester, and civil works, installation & commissioning, Under warranty maintenance for 5 years, transportation, insurance, applicable taxes, etc. "							
4	4	2500.00	Metre	169.92	424800.00	AT Par	424800.00	
	Description:- Supply of L.T. Aluminium Armoured and PVC sheathed stranded XLPE cable of size 4 Core x 25 Sqmm for working voltage upto including 1100 Volts as per latest PCEE/GRC/SER specification letter no. CEE/S/185/519/Gem. Dtd. 02/03/2022.							
5	5	1000.00	Metre	259.60	259600.00	AT Par	259600.00	
	Description:- Supply of L.T. Aluminium Armoured and PVC sheathed stranded XLPE cable of size 4 Core x 50 Sqmm for working voltage upto including 1100 Volts as per latest PCEE/GRC/SER specification letter no. CEE/S/185/519/Gem. Dtd. 02/03/2022.							
6	6	3075.00	Metre	47.20	145140.00	AT Par	145140.00	

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0	Description:- Laying of cable/ cables on wall / structure through PVC casing pipe with accessories or as per site requirement with suitable clamp / saddle/ fixtures etc with necessary termination, connection and testing as per standard drawing. Cost also includes collection of cable/cables from Railway store.If required.							
7	7	350.00	Metre	133.34	46669.00	AT Par	46669.00	
	Description:- Laying of cable / cables in under ground along the road through cable trench etc . as per standard drawing including necessary termination , connection and testing.Trenching and laying of U/G cables in any kind of soil trench of size minimum 0.40 mtr wide and 1 mtr deep covered with necessary bricks for protection of the cables including filling of space between brick and cable/cables with sand and refilling the trench with excavated soil, leveling up, and restoring the surface duly rammed.							
8	8	75.00	Metre	590.00	44250.00	AT Par	44250.00	
	Description:- Road crossing through Manual Drilling by G.I. pipe Depth of 1Mtr.with necessary termination, connection and testing as per standard drawing. Cost also includes collection of cable/cables from Railway store. If required.							
9	9	75.00	Metre	652.54	48940.50	AT Par	48940.50	
	Description:- Supply of G.I Pipe of size of 50mm dia medium duty (class -B) ,confering to Is : 1239,Part-1 (2004).							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Definition of Similar Work :- Supply, installation, testing, commissioning and maintenance of solar power generating system of at least 5 kWp capacity.	No	No	Allowed (Mandatory)

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less ; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Form-11, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)

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1.1	Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.	No	No	Not Allowed
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Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No.	Description
1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given below). 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. (Click here to download the Format of Self Certification)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	GST implemented from 1st july'2017. All the bidder should attach GST registration certificate, Tenderer has to fulfill GST Compliance as per Govt.norms. GST will levied as per instruction circulated time to time.Bidder has to submite the same copy.	No	No	Allowed (Mandatory)
2	Tenderers are required to upload their Permanent Account Number (PAN)card.	No	No	Allowed (Mandatory)

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3	<p>Employment / Partnership etc. of Retired Employees:(a) Should a tenderer i) be a retired Engineer of the gazetted rank or any other gazetted officer working before his retirement, whether in the executive or administrative capacity or whether holding a pensionable post or not, in the Engineering or any other department of any of the railways owned and administered by the President of India for the time being, OR ii) being partnership firm / joint venture (JV) /registered society / registered trust etc have as one of its partners a retired Engineer of the gazetted rank or any other gazetted officer working before his retirement, OR iii) being an incorporated company have any such retired Engineer of the gazetted rank or any other gazetted officer working before his retirement as one of its directors AND in case where such Engineer or officer had not retired from government service at least 1 year prior to the date of submission of the tender THEN the tenderer will give full information as to the date of retirement of such Engineer or gazetted officer from the said service and as to whether permission for taking such contract,or if the Contractor be a partnership firm or an incorporated company, to become a partner or director as the case maybe,has been obtained by the tenderer or the Engineer or officer, as the case may be from the President of India or any officer, duly authorized by him in this behalf, shall be clearly stated in writing at the time of submitting the tender. b)In case,upon successful award of contract, should a tenderer depute for execution of the works under or to deal matters related with this contract, any retired Engineer of gazette rank or retired gazetted officer working before his retirement in the Engineering or any other department of any of the railways owned and administered by the President of India for the time being, and now in his employment, then the tenderer will ensure that retired Engineer or retired gazetted officer had retired from government service at least 1 year prior to the date of his employment with tenderer and in case he had retired from service within a year then he possesses the requisite permission from the President of India or any officer,duly authorized by him in this behalf, to get associated with the tenderer. c) Should a tenderer or Contractor being an individual, have member(s) of his family or in the case of partnership firm/company / joint venture (JV) / registered society / registered trust etc. one or more of his partner(s)/shareholder(s) or member(s) of the family of partner(s)/shareholder(s) having share of more than 1% in the tendering entity employed in gazetted capacity in the Engineering or any other department of the railway, then the tenderer at the time of submission of tender, will inform the authority inviting tenders the details of such persons. Note:- If information as required as above has not been furnished, contract is liable to be dealt in accordance with provision of clause 62 of Standard General Condition of contract. Format for declaration in this regard is attached with the tender document.</p>	No	No	Allowed (Mandatory)
4	<p>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.</p>	No	Yes	Allowed (Optional)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The Security Deposit shall be 5% of the contract value as per GCC 2022 with updated correction slip/amendments.	No	No	Not Allowed
2	The successful bidder shall submit the Performance Guarantee PG amounting to 5% of the contract value as Per GCC April 2022 with updated correction slip/amendments:-	No	No	Not Allowed
3	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.	No	No	Not Allowed

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4	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 released to the Contractor. The Contractor shall be responsible for deposition of applicable GST to the concerned authority.	No	No	Not Allowed
5	In case the successful tenderer is not liable 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.	No	No	Not Allowed
6	The firm should ensure that minimum wages is to be paid to their employee as per the extant Government rule. It will be firm's responsibility to resolve the issues if any dispute arises regarding non payment of minimum wages to their employees and Railway will not be responsible for this.	No	No	Not Allowed
7	In case of any information submitted by tenderer is found to be false, forged or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the tender Bid Security besides banning of business for a period of upto five years.	No	No	Not Allowed
8	Any changes in GST rate (increase/decrease) as the case may be applicable in the contract and will be paid by the firm/Railway.	No	No	Not Allowed
9	Shramikkalyan portal:- (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 in Portal shall be done as under: (a) Contractor shall apply for one time 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 there of 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.	No	No	Not Allowed
10	All the released /dismantled materials to be deposited in Railway Store with Contractor's own cost and with clear acknowledgement.	No	No	Not Allowed
11	Consignee :SSE/Elect/Power/S.E.Rly/Garden Reach	No	No	Not Allowed
12	"Compliance to Regulations and Bye-Laws [GCC Clause 3.(2)] Statutory requirement of " valid Electrical Contractor License along with valid Electrical Supervisory License/Certificate issued from Central Govt./any State Govt. for the working voltage related to the work valid throughout the contract period" is also applicable for execution of the works by successful bidder in addition to the Statutory requirements as applicable.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	The contract is governed by conditions given in this tender document, all attachments including special condition of contract and Indian Railways Standard General Conditions of Contract, April-2022 circulated vide Railway Board's letter No.2022/CE-I/CT/GCC- 2022/POLICY, Dated:27/04/2022/ with updated correction slip/amendments. In case of contradiction between GCC and special condition or any other condition, the decision of Dy.CESE shall be final and binding.	No	No	Not Allowed
2	Only the materials as per standard/approved specifications shall be acceptable, subject to approval by Railway before ensuring the supply.	No	No	Not Allowed
3	The contractor should submit their rate in percentage at par,above or below and the offered rate should be inclusive of all duties/GST/transportation, loading and unloading etc.	No	No	Not Allowed
4	The tender should go through the clause 10.1 of GCC 2022 in detail for Fulfillment of Standard Technical Eligibility Criteria.	No	No	Not Allowed
4.1	Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates.	No	No	Not Allowed
4.2	In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.	No	No	Not Allowed
4.3	The responsibility to submit the relevant document as Prescribed in clause 10.1 of GCC 2022 for fulfillment of Standard Technical Eligibility Criteria lies with the tenderer only and railway shall not consider any other document for the same. The offer shall be summarily rejected if the tenderer failed to submit the prescribed documents for the Technical Eligibility as per clause 10.1 of GCC 2022.	No	No	Not Allowed

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/We hereby solemnly declare that I/We have visited the site of above work and have familiarized myself/ourselves of the local working conditions in all respects and in particular the following: 1.Topography of the area and availability of service roads. 2.Sources and availability of materials. 3.Availability of local labour, both skilled and unskilled and the prevailing labour rates. 4.Availability of water & electricity. 5.Industrial Relations & labour problems, if any. 6.Climate conditions of the area.	No	No	Not Allowed
2	All the Terms & Condition in this contract applies as per IR Standard General Conditions of contract April-2022 with up to date correction slip will be followed.	No	No	Not Allowed
3	Tenderer should follow the minimum wages Act. and payment will be made to the deployed labour as per current prevailing rates (including changes) during the entire contract period i.e. ESIC, EPF and other liabilities if any. Violation of Labour rules may liable for termination of the contract at any stage of the contract period.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	FORMS_.pdf	Forms
2	GCC_April-2022_2022__compressed.pdf	GCC 2022
3	SpecialConditionofthecontract.pdf	Special conditions and item details

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4	GCCcorrectionslip_25.10.2023.pdf	GCC correction slip Bid security
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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: PRAVEEN MEENA

Designation : Dy.CEE/SER