

**NFR-CONST HQ-ELECTRICAL/N F RLY CONSTRUCTION
TENDER DOCUMENT**

Tender No: ELC-MLG-16-21-22-NBQ-KYQ

Closing Date/Time: 01/12/2022 15:00

cee/con acting for and on behalf of The President of India invites E-Tenders against Tender No **ELC-MLG-16-21-22-NBQ-KYQ** Closing Date/Time 01/12/2022 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

Name of Work	Proposed works for Solar On-Grid based 50Kw Power Roof top power plant at Abhayapuri and Goalpara Railway station in connection with NBQ - GLPT - KYQ doubling Project.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	01/12/2022 15:00	Date Time Of Uploading Tender	07/11/2022 11:38
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	4444000.00	Tendering Section	MALIGAON
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	88900.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	180 Days
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	17/11/2022	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 A- Proposed works for Solar On-Grid based 50Kw Power Roof top power plant at Abhayapuri and Goalpara Railway station in connection with NBQ - GLPT - KYQ doubling Proect.							4444000.00	
1	1	2.00	Set	2222000.00	4444000.00	AT Par	4444000.00	
	Description:- Supply, installation, testing & commissioning of Solar Power Plant (Roof Top) for ON-Grid system, three phase 50 Kw Power with voltage 200 V to 1000 V, Switching device IGBT, Inverter output wave from Pure sine wave no. of MPPT per inverter 4nos., (Technology : MPPT Based), Operating voltage range of Inverter 200V - 1000V, Over load support at input side, DC 30% of maximum input voltage for 3 phase system, maximum input current for each MPPT 22Amps., Service condition outdoor, IP-56, inverter intelligent fan cooling, Grid tied photo voltaic (SPV) power plant const. of SPV array, module mounting structure, power condition unit (PCU) consist. of maximum power point tracker (MPPT), Inverter, and controls and protections, interconnect cable and switches PV Array mounting mounted on suitable structure. Maximum current for 3 phase inverter 100Amps. Output voltage 415V for 3 ph., Invert auto trip at output side lower at 304V, Higher at 460V with adjustable, Overall efficiency >98% , Overload protection 125% for 30 sec., Over temp. protection at 65 Deg. C Cooling fan auto switch ON, Surge protection metel oxide varistor (MOV), Insilation resistance monitoring, PF at rated output power >0.9, Operating temp. -25 to + 60 deg. C., Type of display LED & display parameters DC voltage, DC current, AC voltage, AC current, Out put frequency, Power Factor, Generating power data storage facility for 2 years from date of commissioning, all switches & Circuit Breakers connectors as per IS:60947 part-I, II and III. Works includes necessary modification, civil engineering works, electrical load distribution, necessary earthings, transportation, cabling work with suitable bolts, nuts, clamps, connectors & testing etc.							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Technical Eligibility Criteria: (a) Tenderers should have valid electrical contractor license and valid supervisor license and should have Similar Nature of Work: -"Supply, installation, testing and commissioning of any HT/LT electrical work.". The work should be completed during last 07(seven) years, ending last day of month previous to the one in which tender is invited.	No	No	Allowed (Mandatory)

Special Financial Criteria

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Financial Eligibility Criteria: (1) The tenderer must have received contractual payments in the previous three financial years and the current financial year up to the date of inviting of tender, at least 150% of the advertised value of the tender. The tenderers shall submit Certificates to this effect which may be an attested Certificate from the concerned department / client or Audited Balance Sheet duly certified by the Chartered Accountant/Certificate from Chartered Accountant duly supported by Audited Balance Sheet. Note: Client certificate from other than Govt Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India.	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. (Click here to download the Format of Self Certificatio)	No	No	Allowed (Mandatory)

5. COMPLIANCE

Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Whether cost of earnest money deposited.	No	No	Not Allowed
2	Whether cost of tender document deposited.	No	No	Not Allowed
3	Whether valid electrical contractor license and valid supervisor license submitted.	No	No	Not Allowed
4	Whether document related to technical eligibility submitted.	No	No	Not Allowed
5	Whether document related to financial eligibility submitted.	No	No	Not Allowed
6	Whether photocopy of Pan Card submitted.	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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 (Mandatory)
2	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)
3	Payment of Earnest money deposit (EMD) & Tender Document cost (TDC) in respect of e-tendering should be accepted through net banking or payment gateway only.	No	No	Allowed (Mandatory)
4	Due to implementation of GST by government of India with effect from 01-07-2017, All the Bidder / Tenderers are advice to ensure that they are GST compliant and their quoted tax structures/rates are as per GST law. The quoted rate should include all applicable taxes as per GST law and no claims will be entertained after the closing date of the tender. Latest modification as per Government directives on GST will apply.	No	No	Allowed (Mandatory)
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 tax authority.	No	No	Allowed (Mandatory)

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6	Those tenderer/bidder who wish to get payment through LC are requested to follow the related rules mentioned in tender contract documents. For getting payment through letter of Credit (LC) and uploading duly filled up as per Annexure - O & Annexure P, attached with the tender documents.	No	No	Allowed (Mandatory)
7	Address of Firm: The tenderer should upload scanned copy in PDF format of the complete address of the Firm to which all correspondences shall be made by Railways.	No	No	Allowed (Mandatory)
8	Tender Form: The tenderer should upload scanned copy in PDF format of duly filled up "Tender Form" available at Chapter-IV of the attached tender document.	No	No	Allowed (Mandatory)
9	Other Letter: The tenderer may upload scanned copy in PDF format of any other letter/ documents etc., the agency intends to submit.	No	No	Allowed (Optional)
10	GSTIN: The tenderer should upload scanned copy in pdf format of the GSTIN in favor of the company.	No	No	Allowed (Mandatory)
11	Before execution of the work, the bidder has to submit all drawings, sketches, electrical item's list etc. for necessary approval from competent authority.	No	No	Allowed (Mandatory)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	For all types of declaration format kindly refer April, 2022 GCC, Correction slip of GCC 2022 and tender booklet. In case of any ambiguity, relevant clause from GCC 2022 shall prevail.	No	No	Not Allowed
2	The tenderer are required to observe the website to find out if any correction slips issued subsequent to uploading of the tender. Railway reserve the right to make any addition/alteration to the tender uploaded and issue corrigendum to the same effect. In case the tenderer fail to take note of the above corrigendum, the addition and alteration entered/effectuated in the corrigendum shall be binding upon the tenderer and no claim whatsoever will not be entertained by Railway.	No	No	Not Allowed
3	No manual tenderers sent by post/fax/courier or in person shall be accepted.	No	No	Not Allowed
4	No post tender correspondence shall be entertained after closing of the tender even Suo moto from tenderer. Letters of the tenderers shall be treated as null void.	No	No	Not Allowed
5	Indian Railway Standard General Condition of Contract, 2022 corrected up to date of closing of tender and the attached documents are part of the tender document.	No	No	Not Allowed
6	For more details the instructions to the tenderer and all other details available in the documents attached with the tender be referred to.	No	No	Not Allowed
7	The work shall be executed in conformity with tender documents such as the Standard General Condition of Contract-2022, special conditions & specifications mentioned in the contract, Indian Electricity Rules and other relevant IR/IS specifications.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Railway reserves the right to demand any particular brand/make of equipment or fittings out of the option mentioned in this Sch. on technical ground/Administrative reasons.	No	No	Not Allowed
2	All the materials should got approved by the Officer In charge at site before execution of work.	No	No	Not Allowed
3	All the materials make should generally be from reputed firm.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Electrical Contractor's License: The Tenderer should be holding valid electrical contractor's license. Scanned copy, in pdf format, of the relevant documents are to be uploaded by the tenderer.	No	No	Allowed (Mandatory)

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2	Association of Railway Officers: The tenderer should upload scanned copy in PDF format of the details regarding the Association of Railway Officer(s) with the tenderer as per Annexure-I of Chapter-II of the attached tender document.	No	No	Allowed (Mandatory)
3	Tenderers are compulsorily required to submit a notarized affidavit/self declaration on a non-judicial stamp paper as per annexure-V of the tender document without that the offer will be considered as incomplete and will be rejected summarily.	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/we visited the works site and I/We am/are aware of the site condition.	No	No	Not Allowed
2	I/We have read the various condition attached/referred to in this tender documents and agree to abide by the said condition.	No	No	Not Allowed
3	I/We also hereby agree to abide by the Indian Railways Standard General Condition of Contract 2022 with all correction slips up to date of closing of tender and to carry out the work according to the special conditions of contracts and Specification of materials & works as laid down by the Railways.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TenderBooklet_1.pdf	Tender Booklet
2	FurtherInstructions.pdf	Further Instructions
3	Letterofcredit.pdf	Letter of Credit
4	Annexure-V.pdf	Annexure V
5	GCC_April-2022.pdf	GCC 2022
6	GCCACS.pdf	Correction Slip

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: SUJOY SAHA ROY

Designation : Dy.CEE/C/MLG