

**BRIDGELINE-ALD-ENGINEERING/NORTH CENTRAL RLY  
TENDER DOCUMENT**

Tender No: 2021-09

Closing Date/Time: 24/01/2022 14:30

**Dy.CE/Bridge/Line/ALD** acting for and on behalf of The President of India invites E-Tenders against Tender No **2021-09** Closing Date/Time 24/01/2022 14:30 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>	Supplying and installation of Automated water level gauge with solar power including maintenance and subscription charges for 01 years at Bridge No. 1139/1 (Dhasaan River LAR -KURJ section), Bridge No. 1006/1 (Narayan River, BIN-AGC Section), Bridge No. 1176/1 (Sindh River, BIN-AGC section), Bridge No. 1275/2 (Yamuna River, JHS-CNB section), Bridge No. 1141/1 (Betwa River, JHS-MKP section), Bridge No. 1206/1 (Dhasan River, JHS-MKP section), Bridge No. 1361/1 (Bagain River, JHS-MKP Section), Bridge No. 1386/1 (Paisuni River, JHS-MKP Section), Bridge No. 1313/1 (Koari River, BIX-ETW Section), Bridge No. 1326/1 (Chambal River, BIX-ETW Section) of JHS Division and Bridge No. 1333/2 (Yamuna, River BIX-ETW Section) of Agra Division (total 11 Nos.) over N.C. Railway.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	24/01/2022 14:30	<b>Date Time Of Uploading Tender</b>	20/12/2021 18:34
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	11354728.00	<b>Tendering Section</b>	BRIDGELINE
<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>	6 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	10/01/2022	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Revenue

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A-NS Items</b>							11354728.00	Above/ Below/Par
1	Please see Item Breakup for details.				4640625.00	AT Par	4640625.00	
	<b>Description:- NS-1</b>							
2	Please see Item Breakup for details.				3939595.00	AT Par	3939595.00	
	<b>Description:- NS-2</b>							
3	Please see Item Breakup for details.				938003.00	AT Par	938003.00	
	<b>Description:- NS-3</b>							
4	Please see Item Breakup for details.				355454.00	AT Par	355454.00	
	<b>Description:- NS-4</b>							
5	Please see Item Breakup for details.				1481051.00	AT Par	1481051.00	
	<b>Description:- NS-5</b>							

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-NS Items					
<b>Item- 1</b>	NS-1					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>

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1	1	Supply, Installation, Testing and Commissioning of bridge platform and Intelligent River Level Monitoring instrument capable of monitoring continuous river level, danger level, high flood level etc. from the bridge to the river level Upto 30mtr distance, DC Powered, having communicable outputs for IFD hardware to connect to cloud computing based with Tier III level secured data Centre along with along with necessary sensor cables, mounting arrangement with bridge platform having suitable arrangement for person to reach the instrument for maintenance, top and bottom cover for instrument, detachable instrument plate, enclosure, canopy with all accessories, labor with safety belts, rubber gasket, pipe conduits, welding, gas cutter, pinned screws with washers, painting, calibration with the river level etc. as per site requirements.(As per Technical Specifications).	Each	11.00	421875.00	4640625.00
					<b>Total</b>	<b>4640625.00</b>
<b>Item- 2</b>	NS-2					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	2	Supply, Installation, Testing and Commissioning of Intelligent Field Device (IFD) with inbuilt display & mounting arrangement in separate enclosure for Monitoring river level through Internet Cloud Computing (without any requirement of software installation) hosted at Tier III level Secured Data Center with MQ Pub/Sub technology accessed over simple internet browser. Having Power Supply with 6KV filter protection, battery back up, Communication, DC output for level sensor, separate opening for battery, separate opening for sensor cabling, separate opening for power supply fuses, control outputs, in suitable enclosure with internal as well as external locks, mounting arrangement on bridge, power connections, antenna connections, welding, gas cutter, pinned screws with washers, calibration with the river level etc. as per site requirements. IFD 1x1	Each	11.00	358145.00	3939595.00
					<b>Total</b>	<b>3939595.00</b>
<b>Item- 3</b>	NS-3					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	3	Supply, Installation, Testing and Commissioning of Solar Power arrangement with minimum of 2 days battery backup with dual source charging controller from solar as well as external DC power for intelligent field device (IFD) having inbuilt display for maintaining continuous connection to internet cloud computing (without any requirement of software installation) hosted at Tier III level secured Data Center and Intelligent River Level Sensor simultaneously with required mounting plates, base etc as per site requirements.	Each	11.00	85273.00	938003.00
					<b>Total</b>	<b>938003.00</b>
<b>Item- 4</b>	NS-4					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	4	Annual Subscription :Tier III Level Data Centre based cloud application calibration with the river level, having suitable screens, user configurable rule management platform, alert customization and data exchange outputs with Railways systems as desired over MQ Pub/Sub technology. Intelligent Field Devices and communication charges with unlimited role based access from Anywhere over Internet Browser for Monitoring Reports, Alerts, Administration etc. Data storage and 24x7 TIER III Hosted Data Center Management, SIM Charges, SMS Gateway based Alerts and control and Unlimited Department Access. (11 Bridges x 1 years.)	Each	11.00	32314.00	355454.00
					<b>Total</b>	<b>355454.00</b>

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Item- 5	NS-5					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	5	Remote site annual maintenance & technical support for IFD, Sensor, solar arrangement etc. (11 Bridges x 1 Years)	Each	11.00	134641.00	1481051.00
					<b>Total</b>	<b>1481051.00</b>

**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have received contractual payments in the previous three financial years and the current financial year upto the date of opening 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 and/or Audited Balance Sheet duly certified by the Chartered Accountant.	No	No	Allowed (Mandatory)

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have successfully completed any of the following during last 07(seven) years, ending last day of month previous to the one in which tender is invited:Three similar works each costing not less than the amount equal to 30% of advertisedvalue of the tender, OR Two similar works each costing not less than the amount equalto 40% of advertised value of the tender, OR One similar work each costing not less than the amount equal to 60% of advertised value of the tender. Note: 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 opening 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	Allowed (Mandatory)
1.1	Defination of Similar Work :- "Supply, Installation, Testing and Commissioning of Automated Water Level gauge and its integration with TMS, BMS & other applications".	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. <a href="#">(Click here</a> to download the Format of Self Certificatio)	No	No	Allowed (Mandatory)

**5. COMPLIANCE**

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit bank details of the firm / individual/ JV / partnership etc.i.e.Name of the Bank along with Bank Branch Code, Account Number, IFSCCode, PAN Number and other necessary & relevant documents.	Yes	Yes	Allowed (Mandatory)
2	Please furnish list of Works on hand indicating Description of Work, Contract Value, Approximate value of balance work yet to be done and Date of award.	No	Yes	Allowed (Optional)

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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)
4	Please furnish documents in support of your claim to fulfill the eligibility criteria as mentioned in the tender documents. Each page of the copy of documents /certificates in support of credentials, submitted by the you, shall be self attested/ digitally signed by the you or authorized representative of the your firm. Only those documents which are declared explicitly by you as "documents supporting the claim of qualifying the laid down eligibility criteria", will be considered for evaluating the offer or otherwise available in the offer.	Yes	Yes	Allowed (Mandatory)
5	Please furnish statement of deviations from tender conditions, if any.	Yes	Yes	Allowed (Mandatory)
6	Requisite documents proving technical eligibility criteria and financial eligibility criteria has been uploaded along with those required as per explanation given in clause 10 of IRGCC-2020 (Works Matter).	Yes	Yes	Allowed (Mandatory)
7	Tenderers who is/are not borne on the approved list of the contractors of North Central Railway shall submit along with his/their tender as per clause 11 of IRGCC-2020 (Works Matter), as applicable.	Yes	Yes	Allowed (Mandatory)
8	All requisite valid documents regarding constitution of business of the bidding firm should be submitted along with the tender as per clause 14 of IRGCC-2020 (Works Matter), otherwise their offer will be considered incomplete and shall not be considered.	Yes	Yes	Allowed (Mandatory)
9	The tenderer whether Sole Proprietor/a Company/Partnership firm/Joint Venture JV/ Registered society/Registered Trust/HUF, etc., if they want to act through Agent or Individual partner(s), should submit along with the tender, a copy of Power of Attorney as per para 15 of IRGCC-2020 (Works matter), otherwise their offer will be considered incomplete and shall not be considered.	Yes	Yes	Allowed (Mandatory)
10	Joint Venture firms, if applicable in the instant tender, should submit all valid requisite documents and fulfil the stipulations as per clause 17 of IRGCC-2020 (Works Matter), otherwise their offer will be considered incomplete and shall not be considered.	Yes	Yes	Allowed (Mandatory)
11	Partnership firms, if bidding for the instant tender, should submit all valid requisite documents and fulfil the stipulations as per clause 18 of IRGCC-2020 (Works Matter), otherwise their offer will be considered incomplete and shall not be considered.	Yes	Yes	Allowed (Mandatory)
12	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)
13	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	Rates are inclusive of all taxes/octroi, license fee, royalty charges etc. legally leviable by State, Central Govt. and/or any other local authority.	No	No	Not Allowed
2	Sales tax/Business tax will be recovered as per extant instruction on the subject	No	No	Not Allowed
3	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 tenders.	No	No	Not Allowed
4	All terms and conditions in the tender documents are binding on the Tenderers.	No	No	Not Allowed

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5	Rates are inclusive of all taxes/octroi, license fee, royalty charges etc. legally leviable by State, Central Govt. and/or any other local authority. If any Tax/Royalty/Octroi is quoted extra, the same will neither be considered for evaluation of the tender nor will be paid. However any changes in rate of tax or any new tax /cess on Works Contract will be dealt according to clause 37 of IRGCC-2020 (Works Matter).	No	No	Not Allowed
6	Tenderers are advised to visit the site of work to ascertain all aspects of the site conditions viz accessibility, availability of approach road, nature of the soil, availability of material, availability of labour etc. that may be encountered in course of execution of work.	No	No	Not Allowed
7	Tenderer should see the website for the corrigendum/addendum to the NIT/tender document, if any that may be uploaded prior to tender opening (inclusive) as there will not be any separate communication for that.	No	No	Not Allowed
8	The tenderer for carrying any construction work in Uttar Pradesh must get themselves registered from the registering Officer under Section - 7 of the Building and Other Construction Workers Act, 1996 and rules made there by the Uttar Pradesh Govt. and submit certificate of Registration (Labour Department). For enactment of this Act, the tenderer shall be required to pay cess @ 1% of cost of construction work to be deducted from each bill.	No	No	Not Allowed
9	The contractor(s) shall observe all the formalities, perform all the acts and abide by all the provisions contained in the Contract Labour Act-1970 and Contract Labour Central Rules, 1971 which in addition to other stipulations provides that the contractor(s) shall obtain license(s) from appropriate licensing officer of the area before commencement of the work and shall produce a copy thereof along with the original to the Railway office, which will be returned to the contractor after verification.	No	No	Not Allowed
10	If any complaint is received against the contractor regarding violation of contract laws, (exposing Principal Employer to the risk of legal proceedings under labour laws), the guilty contractor will be black listed and their contract shall be terminated following the due procedure, apart from initiating criminal proceedings against him with the help of Labour department officials. (Authority: RB letter no.2008/E (LI)/AT/CNR/3, dated 24.01.2018).	No	No	Not Allowed
11	It is the responsibility of the tenderer to see corrigendum, if any, to tender notice up to the date of tender opening. IRGCC- 2020 (works matter) uploaded for reference only. Any correction issued by competent authority up to date of opening will be applicable. Tenderer should quote accordingly.	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	Care in Submission of Tenders: Compliance with the GST Act,2017 - change in Para (a) of Clause 6, part I of Indian Railways Standard General Condition of Contract July 2014 Vide Railway Board Letter No. 2017/CE/ CT/4/GST dt 23.06.2017 Subsequent to the enactment of GST Act, care in Submission of Tenders shall be follows as under: (a)(i) Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of works, that all conditions liable to be encountered during the execution of works are taken into account and that the rates he enters in the tender forms are adequate and all inclusive to accord with provisions in Clause -37 of the Standard General Condition of Contract for the completion of works to the entire satisfaction of the engineer. (ii) Tenderers will examine the various provision 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 Government and 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 for 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 available GST to the concerned authority. (iv)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
2	The clarification/instruction issued by Railway board/HQ in regard to GST from time to time will be applicable on the tender.	No	No	Not Allowed
3	All the bidders / tenderers should ensure that they are GST compliant and their quoted tax structure / rates are as per GST Law ( Ref - Railway Board letter No.2008/RS(G)/777/1 Dated - 29/5/2017 )	No	No	Not Allowed

**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	We have read the various conditions attached/ referred to in this tenderdocument, and agree to abide by the said conditions.	No	No	Not Allowed
3	I/We have read the various provisions of IRGCC-2020 (works matter), specific& other special conditions attached/ referred to in this tender document, andagree to abide by the said provision/conditions.	No	No	Not Allowed
4	I/We also hereby agree to abide by the Indian Railways Standard GeneralConditions Of Contract-2020, with all correction slips up-to-date and to carryout the work according to the Special Conditions of Contract and Specificationsof materials and works as laid down by Railway in the annexed SpecialConditions/Specifications, Schedule of Rates with all correction slips up-todatefor the present contract.	No	No	Not Allowed
5	I/We hereby Confirm that the rates, rebates and/or other financial terms, ifany, quoted by us in the relevant fields of the Financial Bid page will only bethe ruling terms for deciding the inter-se ranking, and any such conditionhaving financial repercussions, if quoted by us anywhere else includingattached documents shall not be considered for deciding inter-se ranking.However, Railways shall have the right to incorporate any such conditionquoted by us, in the contract, at their discretion, if contract is placed on us.	No	No	Not Allowed

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6	I/We have read the various conditions to tender attached hereto and agree to abide by the said conditions. I/We also agree to keep this tender open for acceptance for a period of 45 days in case of single-packet-system or 60 days in case of two-packet-system from the date of opening the tender and in default thereof, I/We will be liable for forfeiture of my/our Earnest Money. I/We offer to do the work for North 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
7	It is hereby confirmed that the bidding entity /firm /individual is neither blacklisted nor debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which the bidding entity/firm/individual was / is a partner/member. I understand that concealment / wrong information in regard to above shall make the contractor liable for determination by administration under Clause 62 of the General Conditions of Contract.	No	No	Not Allowed
8	It is hereby declared that all necessary valid documents have been submitted in compliance of clauses from 10 to 18 (Part-I) of IRGCC (Works matter) and in the absence of which the offer will be considered as incomplete and accordingly shall not be considered by the administration .	No	No	Not Allowed
9	It is declared that participating firm/individual is not in contravention to the stipulations laid down in clause 16-" Employment/Partnership etc. of Retired Railway Employees " of IRGCC-2020 (Works Matter) at present or during currency of work in future, else the contract is liable to be dealt in accordance with provisions of clause 62 of IRGCC-2020.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	Doc.E-TenderNo2021-09.pdf	Tender Document
2	AWLcondition.pdf	Railway Board condition
3	GCC16July20201.pdf	GCC 2020

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: SHAILESH KUMAR**

**Designation : Dy.CE/Bridge/Line/ALD**