

**LUCKNOW/NER/DIVISION-GATI SHAKTI/NORTH EASTERN RLY
TENDER DOCUMENT**

Tender No: NER-LJN-GS-2023-40

Closing Date/Time: 15/09/2023 11:30

CPM/GATISHAKTI acting for and on behalf of The President of India invites E-Tenders against Tender No **NER-LJN-GS-2023-40** Closing Date/Time 15/09/2023 11:30 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.

1. NIT HEADER

Name of Work	Major upgradation/Redevelopment of Gorakhpur Station on Engineering, Procurement and Construction (EPC) mode.		
Bidding type	EPC [Single Stage]		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	15/09/2023 11:30	Date Time Of Uploading Tender	14/07/2023 16:41
Pre-Bid Conference Required	Yes	Pre-Bid Conference Date Time	11/08/2023 11:30
2nd Pre-Bid Conference Required	No	2nd Pre-Bid Conference Date Time	Not Applicable
Advertised Value	4650055419.00	Tendering Section	GATISHAKTI
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	20000000.00	Validity of Offer (Days)	120
Tender Doc. Cost (Rs.)	0.00	Period of Completion	36 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	01/09/2023	Are Joint Venture (JV) firms allowed to bid	Yes
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Station Development
Docs. Receipt Confirmation	Required		

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule 1-EPC Lumpsum							4650055419.00	
1	Lump Sum				4650055419.00	AT Par	4650055419.00	
	Description :- Major upgradation/Redevelopment of Gorakhpur Railway Station.							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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APPROVED MAKES/ BRANDS

The sanitary fitting shall be of premium quality of approved brand make and manufacture as per approval of Engineer-in-Charge. All the urinals, taps shall be sensor based. Specification/brands names of materials to be used as per the scope of work are listed here. The efforts should be made by the agency to use indigenous products. The agency should also consider the availability of spares parts/components for maintenance purposes while proposing any brand/manufacturer. The materials of any other brand/manufacturer may be proposed for use by the agency in case the brands specified below are not available in the market and/or agency intends to use some other brand better than the brands mentioned in this list. The alternate brand can be used only after the approval of Engineer-in-Charge. The contractor shall obtain prior approval from the Engineer-in-Charge before placing order for any specific material or engaging any of the specialized agencies. The contractor shall make a detailed submittal with catalogues and highlighted proposed specifications, as well as full details of the works executed by the specialized agency, as specified. Unless otherwise specified, the brand / make of the material as specified in the item nomenclature, in the particular specifications and in the list of approved materials attached in the tender, shall be used in the work. In case of non-availability of the brand specified in the contract the contractor shall be allowed to use alternate equivalent brand of the material subject to prior approval of engineer- in charge.

S.No.	DESCRIPTION/ ITEM	Approved Makes / Brands			
1.	Ordinary Portland Cement / Pozzolona Cement	ACC	Ultratech	J. K Cement	Lafarge
		Birla Cement	Ambuja cement		
2.	White Cement	Birla White	J.K. White	Ultra White cement	NCL Buildtech Pvt.Ltd.
3.	Ready Mix Concrete	ACC	Ultratech	JK Cement	Lafarge
		L&T			
4.	Reinforcement Steel (HYSD TMT-Fe 500D)	SAIL	Tata Steel	RINL	Shyam steel
		Jindal Panther/ JSPL			
5.	Structural Steel / M.S. Tubes	TATA	JSW Steel Ltd	SAIL	Jindal Steel & Power Ltd
		APL Apollo	RINL		
6.	Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals	Pidilite	Fosroc	Berger	Asian Paints Ltd.
		BASF MYK Laticrete	Kerakoll	CICO	SIKA DBS

7.	Waterproofing Compound (Crystalline)	Pidilite	Fosroc	Berger	Asian Paints Ltd.
		MC bauchemie	Kerakoll	Mapei	Sika
		MYK Arment	DBS		
8.	Waterproofing Self Adhesive (HDPE) membrane	Pidilite	Fosroc	Berger	Asian Paints Ltd.
		MC bauchemie	Kerakoll	Mapei	Sika
9.	EPDM Waterproofing Membrane	Pidilite	Fosroc	Berger	Asian Paints Ltd.
		MC bauchemie	Kerakoll	STP	DBS
10.	PU Elastomeric Membrane (spray applied for Deck Waterproofing)	BASF	Fosroc	Sika	Sunanda
		Keshun	Pidilite	DBS	MC bauchemie
11.	Glasswool Insulation	UP Twiga	Poly Glass	Ownsorning	
12.	Rock Wool Insulation	Lloyds	Roxul Rockwool	UP Twiga	
13.	Swellable Bar	Pidilite	Fosroc	hayakawa	
14.	Polycarbonate Sheet	Danpal	Polygal Indian pvt ltd	DPI Daylighting	Coxwell
		GE plastics	Sunlight		
15.	Decking Steel Sheet	TATA Steel	Bemo	JSW	APL Apollo
16.	Shuttering Ply	Archidply	Century	Merino	Greenply
17.	Rebarring Chemical	Hilti	3M India	Birla	Fischer
18.	Fire Sealant	Hilti	3M India	Fischer	Fischer
19.	Parallel Threaded Couplers (Compliant to IS 16172:2014)	Dextra	Halfen Moment	G-Tech	Fischer
20.	Extruded Polystyrene Board	STP	Supreme	Shalimar	Dow Building Solutions
21.	AAC Block	Aerocon	Builttech	Instablock	JK
		BILT	Magcrete		

17.	Tensile structure	Ferrari,Ancon ,Mehler Tex/Taiyo Membrane			
18.	Magic Eye	Dorma, Godrej, Ingersoll Rand, Hormann,Ozone			
6. HVAC / VENTILATION SYSTEM					
1.	Chillers	York Trane	Carrier	Daikin	Dunham Bush
2.	Chilled/ Condenser Pumps:	Kirloskar	Bell & Gossett	Wilo (Mather+ Platt)	Grundfos
3.	Cooling Towers	Mihir	Advance	Paharpur	
4.	Hot Water Generator	Rapid Cool	Emerald	Sandhu	
5.	Air Handling Units & TFA:				
5a.	Air Handling Units (Eurovent / AHRI certified)	VTs Edgetech	System Air Zeco	Stulz	Flaktwood
5b.	Cooling Coil	As per manufacture standard of AHU			
5c.	Fan	Kruger / Comferi	Airflow	Nikotra	Fanair
6.	Fan Coil Unit & Cassette Unit	Sinko	Carryaire	Trane	fanair
7.	Split AC	Daikin	Hitachi	Toshiba	Carrier
8.	M.S. Pipes: -Any dia	Tata	Jindal Hissar	Sail	Apl Apollo
9.	Butterfly Valves	Advance Axim	L&T	Danfoss	VTM
10.	Motorized Butterfly Valve	Belimo	Danfoss	Siemens	Oventrop
11.	Pressure independent control valve (PICV)	Belimo	Danfoss	Siemens	Oventrop
12.	Check Valves	Advance Axim	L&T	Danfoss	VTM
13.	Ball valve	Zoloto Axim	Audco	RC	VTM
14.	Balancing Valves	Danfoss Axin	Advance	Danfoss	VTM
15.	2-way Modulating Valves with Thermostat	Belimo	Honeywell	Siemens	
16.	2-way on off valve with thermostat for FCU	Belimo	Honeywell	Siemens	
17.	Expansion Bellows	Resistoflex Axin	Easyflex	Areaflex	Dunlop
18.	Pot/Y-Strainers	Sandhu	Rapid Cool	Emarld	Axin

19.	Suction Guide with Strainer	Anergy	Armstrong	Emerald	Axin
		Belimo	Siemens	Honeywell	
20.	BTU meter	Shenitech			
21.	RH Sensor	Belimo	Honeywell	Siemens	Omnicon
22.	Thermostat	Danfoss Omnicon	Belimo	Honeywell	Siemens
23.	Pressure Gauge (Industrial Type)	Feibig	H. Guru	Emerald	Axin
24.	Differential Pressure Switch	Siemens	Rapid Control	Anergy	Sant
25.	Thermometers	Feibig Axin	H. Guru		Emerald
26.	Closed Expansion Tank	Anergy	Bell & Gossett	Sandhu	
27.	Air Separator	Anergy	Emerald	Sandhu	
28.	Auto Air Vent	Anergy	Rapid Cool	Oventrop	
29.	Plug Valve	Anergy	Rapid Cool		
30.	G.I. Sheets	Sail	Tata	Jindal	
31.	MS. Sheets	Hindalco	Balco	NALCO	APL Apollo
32.	Fire Dampers	Systemair	Caryaire	Ruskin	Greenheck
33.	Damper Actuator	Belimo	Sinider	Sinider	fanair
34.	Grills/Diffusers	Systemair	Caryaire	Titus	Trox
35.	Fresh Air Louvers	Systemair	Caryaire	Titus	Trox
36.	Resinbonded Glass Wool Insulation	UPTWIGA	Owens Corning	Kimmco	K-flex
37.	Protective Coating over insulation (Lag coating)	Pidilite	Foster	Idendan	CISBOND
38.	Resinbonded Glass Wool Acoustic Insulation	UPTWIGA	Owens Corning	Kimmco	K-flex
39.	Insulation Adhesive	Pidilite	Foster	CISBOND	Henkel
40.	factory Made ducting	Rolastar Ecoduct	Ductofab	asawa	Technofab
41.	Filters (in Air-conditioning system) Ventilation Fans	Thermodyne	Purolator	Fanair	Mackmark
42.	Tube/Vane Axial Fan	Kruger	System Air	Greenheck	
43.	Inline (Centrifugal)	Kruger	System Air	Caryaire	Ostberg
44.	Propeller Fans	Kruger	GE	Crompton	fanair
45.	Air Washer/Scrubber	Edgetech	Zeco	System Air	VTs

7. PLUMBING & SANITARY					
1.	Sanitary Fittings & Accessories	Hindware (Italian collection)	Kohler	Cera	Jaquar
		Sloan	Kerovit	Grohe	Euronics
	Concealed cistern	Hindware	Kohler	Jaquar	Geberit
	WC connector	Euronics	Kohler	Viega	Grohe
		Geberit			
2.	CP Brass Fittings	Duravit	Kohler	sloan	Hindware
		Euronics			
3.	G.I. / M.S. Pipe	Jaquar	Kohler	Parryware	APL Apolo
		Varmora	Euronics	Sloan	
4.	G.I. Fittings	Tata	Jindal (Hissar)	Surya Prakash	PRINCE
		Unik	KS	Zoloto	
5.	SS Pipes	Leader Valves Ltd	R-Brand	Surya	
6.	HDPE Pipes	Jindal	Tata	VIGA	Alfa
		Reliance	Jain Irrigation	Oriplast	APL apolo
7.	DI Pipes	Flowguard	Prince	Siant Gobain	APL Apolo
		Electrosteel	Jindal	Tata Ductura	
8.	DI Fittings	Kartar	Electrosteel	Kalinga	
9.	CI Fittings	Neel	Kartar	Electrosteel	
10.	Float Valve	IVC	Leader	Zoloto	KSB
11.	UPVC Pipe and Fittings	Astral	Supreme	Finolex	Prince
		AKG	Flowguard system	Vectus	KS
		Zoloto			
12.	PVC Pipe & Fittings	AKG	Supreme	Finolex	Surya Prakash
		Vectus			
13.	CPVC Pipes & Fittings	AKG	Astral	Supreme	Finolex
		Surya Prakash	Vectus	APL Apolo	
14.	Centrifugally Cast (Spun) Iron Pipes & Fittings	NECO	SKF	Electrosteel	APL Apolo
		BIC			
15.	Centrifugally Cast (Spun) Iron (Class LA) Pipes	NECO	Electro Steel	TATA	BIC
16.	Centrifugally Cast (Spun) Ductile Iron Pipes & Fittings	Electro Steel	Jindal (Hissar)	Kalinga	
17.	C.I. Manhole covers, Frames & GI Gratings	NECO	RIF	BIC	SKF
		Jain Spun Pipe Co.	Electro Steel Castings LTD		
18.	SFRC Manhole covers & gratings	KK	Dudhi	Pargati	T-CON