



Request for Proposal

FOR

**MAJOR UPGRADATION/
DEVELOPMENT/REDEVELOPMENT OF MEERUT
CITY RAILWAY STATION OF
DELHI DIVISION, NORTHERN RAILWAY**

ON

**ENGINEERING, PROCUREMENT AND
CONSTRUCTION (EPC) MODE**

**(Tender No 74-W-1-2-402-WA-CSB-II dated
08.11.2024.)**

**Bid Document
Volume-I : Instructions to Bidders (ITB)**

**(Chief Engineer/Const./SPL
Office of Chief Administrative Officer/Const.,
Northern Railways, Kashmere Gate, Delhi- 110006)**

**NEW DELHI
ENGINEERING DEPARTMENT**

SECTION 1

INTRODUCTION

1.1 Background

1.1.1 The President of India represented by the Chief Engineer/ Const./Spl. (the **“Authority”**), having its principal office at **Office of Chief Administrative Officer, Const., Northern Railways, Kashmere Gate, Delhi-06**, India is engaged in the development of railways and related infrastructure, and as part of this endeavour, the Authority has decided to undertake the Major Upgradation/ Development/ **Redevelopment of Meerut City Railway Station** (the **“Project”**) of Delhi Division, Northern Railway through Engineering, Procurement and Construction (the **“EPC”**) contract and has decided to carry out an open and competitive e- Bidding Process for selection of a Bidder to whom the Project may be awarded.

1.1.2 The brief particulars of the Project and the Bidding Process are as follows in the Key Information Table (KIT):

Sl.No.	Particular	Details
1.	Name of the Work	Major Upgradation/ Development/ Redevelopment of Meerut City Railway Station of Delhi Division, Northern Railway on Engineering, Procurement and Construction (EPC) mode
2.	Estimated Project Cost	INR 205.96 crore/- (Rupees Two hundred five point ninety six crores)
3.	Construction Period	32 months
4.	Availability of RFP document on Rly. Website	RFP documents will be available on IREPS web site i.e. www.ireps.gov.in from 08.11.2024
5.	Bid Due Date and time	By 15:00 hrs on 17.12.2024
6.	Physical submission of all documents listed in clause No. 2.11.2	At 15:00 hrs on 17.12.2024
7.	Date and Time of Opening of Bids	At 15:00 hrs on 17.12.2024
8.	Mode of tendering	Single stage two packet
9.	Mode of submission of Bids	Online submission on e-Procurement Portal
10.	E-Procurement Portal	www.ireps.gov.in
11.	RFP document Fee	Nil

11.	Bid Security	Rs.1,02,97,900/- (Rupees One crore two lakh and ninety seven thousand and nine hundred only) {0.5%} of the Estimated Project Cost subjected to maximum INR Rs.2.0 (two Crore)		
12.	Bank Account Details of the Authority	Name of Beneficiary: Financial Advisor & Chief Accounts Officer Name of the Bank: State Bank of India, New Delhi, Main Branch Account No.: 30788224089 Address of the Branch: IFS code: SBIN0000691 Or Payment to be made through the NET BANKING or PAYMENT GATEWAY FACILITY provided in the IREPS web portal.		
13.	Officer and Address to Submit the physical documents as per clause 2.11.4 of RFP	Name of Officer: Dy. Chief Engineer/T&C Address: Office of Chief Administrative Officer/Const., Northern Railways, Kashmere Gate, Delhi - 110006 Phone : 011-23362322 E-mail : dycectcnr@gmail.com		
14.	Validity of the Bid	120 days from the Bid Due Date		
15.	Pre-bid Conference Details	Date	Time	Venue
		18.11.2024	12.00 Hrs.	Online through VC. Link will be shared though corrigendum of tender 3 days before meeting.
16.	Last date of receiving Queries	20.11.2024 upto 18:00 hrs		
17.	Performance Security	5% (Five percent) of Contract Price interms of Clause 2.21.1		
18.	Submission of Performance Security	Within 30 days of issue of Letter of Award (LOA)		
19.	Signing of Agreement	Within 15 days of submission of Performance Security.		
20.	Documents enclosed with the RFP	a) Draft EPC Agreement for the Project including all schedules. b) Design Basis Report of the Project c) Drawings d) Soil exploration report e) EPC Schedule		
21.	Technical Consultant of the Project	M/s DDF Consultants Pvt Ltd, New Delhi		

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/Brands is not the tests of acceptance, the acceptance of material shall be on the basis of conformity with the relevant Indian Standard or any other approved CODE (Generally contained in MSSR 2009) and passing the laid down tests. Railway board's orders vide No.2020/RS(G)/779/2, New Delhi, dated 12.08.2021 on Ensuring full compliance of Public Procurement (Preference to 'Make in India' Order), 2017 needs to be followed in letter and spirit to promote "Make in India" products conforming to the specifications.

1. Civil Items				
S.No	DESCRIPTION/ ITEM	Approved Makes / Brands		
1	Ordinary Portland Cement / Pozzolona Cement/GGBS Cement	ACC	Ultratech	J. K Cement
		JSW	Birla Cement (Orient Cement Limited)	Ambuja
		Jaypee	Lafarge	Dalmia Cement
2	White Cement	Birla White	J.K. White	Ultratech
		NCL Buildtech Pvt.Ltd`	ACC	
3	Ready Mix Concrete	ACC	Ultratech	J. K Cement
		Lafarge	L&T	
4	Reinforcement Steel (HYSD/ TMT)	SAIL	Tata Steel	RINL (Vizag Steel)
			JSW Steel	JSPL
5	Structural Steel / M.S. Tubes	TATA	JSW Steel Ltd	SAIL
		APL Apollo	RINL	VPL India
		Jindal Steel & Power Ltd		
6	Mechanical Bar Coupler for reinforcement	Dextra India	Sanfield	Tata
		Z tech		
7	Polycarbonate Sheet	Danpalon	Polygal Indian Pvt Ltd	DPI Daylighting
		Coxwell	GE plastics	Lexan
8	Formwork systems	Peri	Doka	Symons
9	Aluminium Shuttering	Maini	K Nest	Balaji
		MFS Form Work	Mivan	
10	Extruded Polysterene Board	STP	Supreme	DBS
		Dow Building Solutions		
11	AAC Block	Aerocon	Buildtech	Instablock
		Ecogreen	J. K Lakshmi Cement	Indo bhutan
		Ferrouscrete	BILT	Magicrete



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37	Welding Electrodes	Advani	Oerlikon	Modi
		L & T		
38	Stainless Steel Chair	Koncept Solutions	Wipro	Jindal Stainless
		Durian		
39	Stainless Steel Hardware	Dormakaba	Hafele	Geze
		Hettich	Koncept Steels	Taiton
		OZONE	Godrej	
40	Metal roofing / Decking Sheet	APL Apolo	Tata Blue Scope	VPL india
		Kalzip	Lloyd	JSW
		Bemo	SAIL	
41	Automatic Sliding Door (Glass)	Dormakaba	Ozone	Shakti Hormann
		AIS windows	Taiton	
42	Aluminium roofing system	Kalzip	Kingspan Jindal	ALUFORM
		BEMO		
43	Galvalume sheet for roofing cladding, sandwich panel	VPL india	KALZIP	APL Apollo
		Kingspan Jindal	JSW	Tata Bluescope Steel Ltd,
		Lloyd		
44	GI Profile Sheet	Tata	Lloyd	JSW
		Jindal Essar	APL Apollo	VPL India
45	Acrylic Laminate	Samrat Plywood	Skydecor	Virgo
		Samrat Plywood	Skydecor	Virgo
46	PVC Laminates	Hindustan Signage	Cosign	Ergomax workspace
		AYZO	PR Graphics	Prolite
47	Signages	Hindustan Signage	Cosign	Ergomax workspace
		AYZO	PR Graphics	Prolite
		Galaxy Signage	VVT	3M
48	Tensile fabric with structures	Serge Ferrari	Ancon	MehlerTex
		Taiyo Membrane		
49	Zinc Composite panels	Eurobond	VIVA	Alstone
50	Zinc Roofing Sheets	Elzinc	Rheinzink	
		VIVA	Reynoarch	Alstrong
51	Aluminium Composite Panels/Aluminium Honey Comb Panels	Alstone	Virgo	Eurobond
		Alucobond		
52	Paver Blocks	Acme	KJS	Basant Beton



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	Toughened Glass	Modiguard	KMC Glass Co.	
9	Fire Rated Vision Panels	Pilkington	Schott	Ferilite
		Saint Gobain	Glaverbel	
10	Fire Rated Doors(Metal/Wooden)	Navair	Shakti hormann	Sukriti
		Tufwud	JC Fire Doors	Pyrotech
		Promat	Bhawani Fire	ASES Security
11	Aluminum Louvers	Hunter Douglas	Anakon	kalco
		Vibrant Technik	Alstone	
12	Ceramic panel Cladding	Hunter Douglas	Neolith	Terreal
		stonelam	Unistone	Clayton
		Anakon		
14	G.I. Steel Door Frame	SynergyThrislington	Navair	Bhawani Fire
		Apl Apollo	Jindal	VPL india
15	Friction Stay Hinges	Dormakaba	LG Sysmac	Dorset
		Hormann		
16	EPDM Gasket	Hanu	Anand	Osaka /Alps
17	Mirror Glass	Atul	MODI Guard	Saint Gobain
		AIS		
18	UPVC Doors ,Windows&UPVC Baffle Ceiling	Fenesta	AIS Windows	Europlast
		Aluplast	NCL Veka	Encraft.
		Prominace		
21	Aluminium Door & windows	Kalco	AIS	Jindal
		Tostem	Fenesta	
22	Pressed Steel Door Windows Frame	APL Apollo	Jindal	VPL
23	Metal Claddings	Hunter Douglas	Kalzip	Alstone
		Durlum	Harsons Green	Anakon
		Kingspan Jindal	Kalco	
24	Window blinds and shades/fire curtains& Blinds	Hunter douglas	Deck	Window techs
		Marvel		
25	Terracotta façade Solutions	Hunter Douglas	Unitile	Clayton
		Anakon		



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25	SMC GRP Panel Tank	Sintex	orion	Devi Polymer
		Sovisy		
26	Bar code/QR code / Scanner/fee display monitor/optical scanner	Zebra Technologies	Newland AIDE	
27	Thermal receipt Printer	Zebra Technologies	Newland AIDE	
28	Digital Clock	Smarteck	Dynatek	Vertaxis
		Matrix	Astronics	Digi-Tech Display

SCADA SYSTEM

S.No	DESCRIPTION/ ITEM	Approved Makes / Brands		
1	Panel	Eldon	Schneider	Vestel
2	PLC/HMI Hardware& accessories	Siemens	Schneider	Vestel
3	PLC & HMI Programming software	Siemens	Schneider	Vestel
4	Cable	Havell	Polycab	AKG
5	MCB	Schneider	Siemens	Havells
6	Switch & Sockets	Schneider	Siemens	Havells
7	Industrial PC	Hewlett Packard	ACER	Apple
8	Communication Cables	Amp	Dlink	Tyco

8. PLUMBING & SANITARY

S.No	DESCRIPTION/ ITEM	Approved Makes / Brands		
1	Sanitary Fittings & Accessories	Sloan	Kohler	Cera
		Jaquar		
2	Concealed Cistern	Geberit	Kohler	Jaquar
		Toto	Euronics	
3	WC connector	Geberit	Kohler	Viega
		Prince		
4	Auto Urinal Flush System	Duravit	Kohler	Euronics
		Prince	Sloan	
5	CP Brass Fittings	Jaquar	Kohler	Sloan
		Euronics	Parkovic	
6	G.I. / M.S. Pipe	Tata	Jindal (Hissar)	Surya Prakash
		APL Apollo	VPL india	
7	G.I. Fittings	Unik	KS	Zoloto
		Surya	Leader Valves ltd	R-Brand
		PRINCE		



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8	SS Pipes	Jindal	Tata	VEGA
		Alfa		
9	HDPE Pipes	Saint Gobain	VPL pipes	SFMC
		APL apollo	Flowguard	Prince
10	DI Pipes	Electrosteel	Jindal	Tata Ductura
		APL Apolo		
11	DI Fittings	Kartar	Electrosteel	Kalinga
12	CI Fittings	Neel	Kartar	Electrosteel
13	Float Valve	IVC	Leader	Zoloto
		KSB		
14	UPVC Pipe and Fittings	Prince	Supreme	Finolex
		SPMC	Wavin	AKG
		Flowguardsystem	KS	
		Vectus		
15	PVC Pipe & Fittings	AKG	Supreme	Finolex
		VPL	Surya Prakash	Vectus
		Prince	Wavin	APL Apollo
16	CPVC Pipes & Fittings	AKG	APL Apollo	Supreme
		Surya Prakash	Prince	Vectus
		Finolex		
17	Centrifugally Cast (Spun) Iron Pipes & Fittings	NECO	SKF	Electrosteel
		APL Apolo	BIC	RPMF
18	Centrifugally Cast (Spun) Iron (Class LA) Pipes	NECO	Electro Steel	TATA
		BIC	RPMF	
19	Centrifugally Cast (Spun) Ductile Iron Pipes & Fittings	Electro Steel	Jindal (Hissar)	Kalinga
		AKG		
21	SFRC Manhole covers & gratings	KK	Dudhi	Pragati
		T-CON	RPMF	
22	RCC manhole Covers & Frames	KK manhole	RPMF Grating Co. Pvt Ltd	Himalya
23	D.I. & FRP Manhole Covers & Frames	Neco,	Goyal iron	Kartar
		RPMF	Dudhi Industries	
24	Gun Metal Valves, Globes	Sant	Castle	Zoloto
25	NRV- Ball type - Sewage application	Danfoss	ZALOTOAUDCO	
26	Bellow Type, Pressure Reducing Valve	CIM	Danfoss	Honey well
27	Floor Traps	Jayana	Chilly	Nirali
28	Water Meter	Prima	Zoloto	Leader
		Capstan		



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34	Solar water heater	V-guard	TATA	
35	Solar Invertors	Havells	ABB	Powerone
		Delta		
36	Sandwiched and Air insulated Bus ducts/ Rising Mains (Indoor & Outdoor IP68)	Schneider	Legrand	C&S
		L&T	Siemens	ABB

12. HVAC /VENTILATION SYSTEM

S.No	DESCRIPTION/ ITEM	Approved Makes / Brands		
1	Chillers	York	Carrier	Daikin
		Dunham Bush	Trane	
2	Chiller/ Condenser Water Pumps	Kirloskar	Bell & Gossett	Wilo(Mather+Platt)
		Grundfos	Armstrong	
3	Cooling Towers	Mihir	Advance	Paharpur
		BELL	FLOW TECHAIR	
4	Hot Water Generator	Rapid Cool	Emerald	Sandhu
5	Air Handling Units (Eurovent / AHRI certified)	VTs	SystemAir	Stulz
		Flaktwood	Edgetech	Zeco
		Citizen	Waves	Carrier
6	Fan	Kruger / Comferi	Airflow	Nikotra
		Fanair	Flaktwood	
7	Split AC	Daikin	Hitachi	Toshiba
		Samsung	Mitsubishi	O General
		Voltas	Carrier	
8	M.S. Pipes	Tata	Jindal Hissar	SAIL
		Apl Apollo	VPL india	JINDAL STAR
		PRAKASH SURYA		
9	Butterfly Valves	Advance	L&T	Danfoss
		VTM	Axim	CASTLE
10	Motorized Butterfly Valve	Belimo	Danfoss	Siemens
		Oventrop	Honeywell	
11	Pressure	Belimo	Danfoss	Siemens



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27	Auto Air Vent	Anergy	Rapid Cool	Oventrop
28	G.I. Sheets	SAIL	Tata	Jindal
		Apl Apollo	VPL India	
29	MS. Sheets	Hindalco	Balco	NALCO
		APL Apollo	VPL India	
30	Fire Dampers	Systemair	Caryaire	Ruskin Titus
		Greenheck	Fanair	Airmaster
31	Plug Valve	Anergy	Rapid Cool	
32	Damper Actuator	Belimo	Sinider	Systemair
		Fanair	Greenheck	
33	Grills/Diffusers	Systemair	Caryaire	Ruskin Titus
		Airmaster		
		Trox	Fanair	Sachin
34	Fresh Air Louvers	Systemair	Caryaire	Titus
		Trox	Fanair	Sachin
		PIDILITE (Weather protect coat)	MAGIK 30-36	STARBOND 30-36
35	Protective Coating over insulation (Lag coating)	CISBOND/CISCHEM	Foster 30-36	Idendan
36	Resinbonded Glass Wool Insulation	UPTWIGA	Owens Corning	Kimmco
		K-flex		
37	Insulation Adhesive	Weber	Foster	CISBOND
		Henkel	PIDILITE	
38	Factory Made ducting	Rolastar	Ductofab	Asawa
		Fanair	GP Spira	Dynamic
		Technofab	Ecoduct	Ductro
		Zeco		
39	Filters (in Air-conditioning system) Ventilation Fans	Thermodyne	Purolator	Fanair
		Mackmark	Anfilco	
40	Tube/Vane Axial	Kruger	SystemAir	Greenheck
		Fanair	Flaktwood	
41	Inline (Centrifugal)	Kruger	SystemAir	Caryaire
		Ostberg	Fanair	Flaktwood
42	Propeller Fans	Kruger	GE	Crompton
		Fanair	Wolter	Nicotra

