



Request for Proposal
for
Integrated Redevelopment of
TATA NAGAR Jn. Railway Station
of
South Eastern Railway
on
Engineering, Procurement and Construction
(EPC) Mode

(RFP No. CKP-GSU-TATA-EPC-24-25)

BID DOCUMENT
VOLUME I – INSTRUCTION TO BIDDERS(ITB)

(CHIEF PROJECT MANAGER/ SOUTH EASTERN RAILWAY,
CHAKRADHARPUR– 833102, JHARKHAND, INDIA)

Signature Not
Verified

Digitally signed by
RAJEEV KUMAR
GUPTA
Date: 2025.01.10
12:40:36 IST
Reason: IREPS-CRIS
Location: New Delhi

SOUTH EASTERN RAILWAY

SECTION 1 INTRODUCTION

1.1. Background

- 1.1.1. The President of India represented by the Chief Project Manager/Gati Shakti, South Eastern Railway, Chakradharpur (the “**Authority**”) having its principal office at DRM/ Chakradharpur’s office Complex, Chakradharpur – 833102, Jharkhand, India, is engaged in the development of railway stations and related infrastructure, and as part of this endeavor, the Authority has decided to undertake the Integrated Redevelopment of Tata Nagar Jn. Railway Station of South Eastern Railway (the “**Project**”) through Engineering, Procurement and Construction (the “**EPC**”) contract, and has decided to carry out a single stage two packet bidding process (an open Tender) 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):

SN	Particular	Details
1	Name of the Work.	Integrated Redevelopment of Tata Nagar Jn. Railway Station of South Eastern Railway on Engineering, Procurement and Construction (EPC) mode.
2	Estimated Project Cost.	Rs. 326,87,59,977/-
3	Construction Period.	36 months
4	Bid Due Date and time.	04/04/2025 at 15:30 Hrs.
5	Physical submission of all documents listed in Clause No. 2.11.2.	By Bid Due Date + 5 days i.e. by 09.04.2025.
6	Date and Time of Opening of Bids.	04/04/2025 at 15:30 Hrs.
7	Mode of tendering.	Single stage two packet.
8	Mode of submission of Bids.	Online submission on e-Procurement Portal.
9	E-Procurement Portal.	www.ireps.gov.in
10	RFP document Cost.	NIL
11	Bid Security.	Rs. 1,63,43,800.00
12	Bank Account Details of the Authority.	Name of Beneficiary: FA&CAO, South Eastern Railway, Garden Reach, Kolkata-700043. Payable at Kolkata. Name of the Bank: State Bank of India,



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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/Pozzolana 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)
		APL Apollo SG TMT	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

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33	Heat Resistant Paint	JK Maxx	Summerseal	Vinayak Industries
34	Heat Resistant Tiles	Pavit	Sunheartt	Johnson
		Somany	Simpolo	Thermatek
		Swastik	RAK	
35	Gypsum Plaster	Sakarni	BASF	Ultratech
		Dudhi industries	Western infrabuild	
36	GRC Jali	Unistone	Ecoste	Ecovision
		Shakun GRC	Birla white	Aditya Birla (Everest Composite)
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
46	PVC Laminates	Samrat Plywood	Skydecor	Virgo
47	Signages	Hindustan Signage	Cosign	Ergomax workspace
		AYZO	PR Graphics	Prolite
		Galaxy Signage	VVT	3M

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3	Structural Members – Windows, Glazing and Partitions			windows
		Saint Gobain		
4	Glazing Structural/ Suspended / Skylight	Saint Gobain	Pilkington	AIS
		Kalco	Fenesta	
5	Clear / Float / Frosted Glass	Saint Gobain	AIS	Pilkington
		Emirates Glass Co	Hafele	Hifab
		MODI Guard	Atul Industries	KMC
6	Glass Spider Fittings	Dormakaba	Hafele	Ozone
7	Stainless Steel Railing , Accessories etc. in Grade SS 304 & 316	Dormakaba	Ozone	JSW
		Koncept Solutions	Jindal Stainless	Technorail
8	Hermitically Sealed Performance glass Toughened Glass	Saint Gobain	Guardian Glass	AIS
		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	
		Riyom Global	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	Kalco	Anakon
		Kingspan Jindal		
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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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		
8	SS Pipes	Jindal	Tata	VEGA
		Alfa	Prime Gold	INSTAPRESSFIT
9	HDPE Pipes	Saint Gobain	VPL pipes	SFMC
		APL apollo	Flowguard	Jain Irrigation
10	DI Pipes	Electrosteel	Jindal	Tata Ductura
		APLApollo		
11	DI Fittings	Kartar	Electrosteel	Kalinga
12	CI Fittings	Neel	Kartar	Electrosteel I
13	Float Valve	IVC	Leader	Zoloto
		KSB		
14	UPVC Pipe and Fittings	Prince	Supreme	Finolex
		SPMC	Wavin	AKG
		Flowguardsystem	APL Apollo	Astral
		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	Astral	AKG
17	Cast Iron Hubless Pipes IS:15905	NECO	SKF	Electrosteel I
		RIF	BIC	
18	Centrifugally Cast (Spun) Iron (Class LA) Pipes	NECO	Electro Steel	TATA
		BIC	RPMF	RIF
19	Centrifugally Cast (Spun) Ductile Iron Pipes & Fittings	Electro Steel	Jindal (Hissar)	Kalinga
		AKG	RIF	
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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2	Chiller/ Condenser Water Pumps	Kirloskar	Bell & Gossett	Wilo(Mather+Platt)
		Grundfos	Armstrong	
		Mihir	Advance	Paharpur
3	Cooling Towers	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 independent control valve (PICV)	Belimo	Danfoss	Siemens
		Oventrop	Flowcon	
12	Check Valves	Advance	L&T	Danfoss
		VTM	Axim	CASTLE
13	Ball valve	Zoloto	Audco	RC
		VTM	Axim	Advance
		KITZ	CASTLE	AIP
14	Balancing Valves	Danfoss	Advance	Axim
		VTM	Siemens	CASTLE
		Honeywell		
15	2 way Modulating Valves with Thermostat	Belimo	Honeywell	Siemens
		Danfoss	Flowcon	
16	2-way on off valve with thermostat for FCU	Belimo	Siemens	Honeywell
17	Expansion Bellows	Resistoflex	Easyflex	Areaflex
		Dunlop	Axim	Flowcon
18	Pot/Y-Strainers	Sandhu	Rapid Cool	Emerald
		Axim		
19	Suction Guide with Strainer	Anergy	Knauf	Emerald
		Axim	Belimo	Siemens
		Armstrong		
20	RH Sensor	Belimo	Omicron	Siemens
		Honeywell		
21	Thermostat	Danfoss	Belimo	Omicron

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		Siemens	Honeywell	
22	Pressure Gauge (Industrial Type) & Temperature Gauge	Feibig	H. Guru	Emerald
		Axim	Waree	Baumer
23	Differential Pressure Switch	Siemens	Rapid Control	Anergy
		Sant		
24	Thermometers	Feibig	H.Guru	Axim
		Emerald		
25	Closed Expansion Tank	Anergy	Bell & Gossett	Sandhu
		Emerald		
26	Air Separator	Anergy	Emerald	Sandhu
		Castle	Flamco	
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
31	Plug Valve	Greenheck	Fanair	Airmaster
		Anergy	Rapid Cool	
	Damper Actuator	Belimo	Sinider	Systemair
		Fanair	Greenheck	
32	Grills/Diffusers	Systemair	Caryaire	Ruskin Titus
		Airmaster		
33	Fresh Air Louvers	Trox	Fanair	Sachin
		Systemair	Caryaire	Titus
		Trox	Fanair	Sachin
34	Protective Coating over insulation (Lag coating)	PIDILITE (Weather protect coat)	MAGIK 30- 36	STARBOND 30- 36
		CISBOND/CISCHEM	Foster 30- 36	Idendan
35	Resinbonded Glass Wool Insulation	UPTWIGA	Owens Corning	Kimmco
		K-flex		
36	Insulation Adhesive	Weber	Foster	CISBOND
		Henkel	PIDILITE	
37	Factory Made ducting/PI Insulated factory made duct	Rolastar	Ductofab	Asawa
		Fanair	GP Spira	Dynamic
		Technofab	Ecoduct	Ductro
		Zeco		
38	Filters (in Air- conditioning system) Ventilation Fans	Thermodyne	Purolator	Fanair
		Mackmark	Anfilco	
39	Tube/Vane Axial	Kruger	SystemAir	Greenheck
		Fanair	Flaktwood	
40	Inline (Centrifugal)	Kruger	SystemAir	Caryaire
		Ostberg	Fanair	Flaktwood
41	Propeller Fans	Kruger	GE	Crompton
		Fanair	Wolter	Nicotra