



**Re-Development of Junagadh Junction Railway Station of Bhavnagar Division
on Western Railway (GUJARAT)**

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

**Volume – I
Request for Proposal
(July 2025)**



**Western Railway Zone,
Construction Organization,
Ministry of Railways, Government of India**

(RFP No.: Dy.CE/C/II/ADI/JND-RE-Dev./EPC/01)

**Chief Project Manager(Construction) III
Office of the Chief Project Manager(C)III, Western Railway, 2ND
Floor, 'C' Wing, Nirman Bhavan, Opp.: GCS Hospital, Naroda Road,
Ahmedabad - Pin code – 384325 Gujarat State(India)**

Signature Not
Verified

Digitally signed by
RAJKUMAR
JAMUNAPRASAD
GUPTA
Date: 2025.08.08
21:13:16 IST
Reason: IREPS-CRIS
Location: New Delhi

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.

1. CIVIL & STRUCTURAL				
Sl. No.	Material	Approved Makes / Brands		
1.	Ordinary Portland Cement / Portland Pozzolona Cement	ACC	Ultratech	J. K Cement
		Birla Cement	Ambuja / Prism	India Cement
2.	White Cement	Birla White	J.K. White	Lafarge, ACC
3.	Ready Mix Concrete	ACC Company	Ultratech	JK Cement
		Lafarge Company	L&T	
4.	Reinforcement Steel (HYSD TMT-Fe 500)	SAIL	Tata Steel	RINL
		JSW Steel Ltd	Electro steel	Vizag
		JSPL	Shyam Steel	APL Apollo
5.	Structural Steel / M.S. Tubes (Pre Galvanized)	TATA	JSW Steel Ltd	SAIL
		Jindal Steel & Power Ltd	Rashtriya Ispat Nigam Ltd	Vizag
		APL Apollo		
6.	Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals	Pidilite	Fosroc	Sakarni
		CICO	Sika, Kryton	Reynoarch
		Jubilant	Ultracon	Asian Paints Smartcare
		Berger	MYK Arment	
7.	Waterproofing Compound (Crystalline)	BASF	Sika	Penetron
		Fosroc	Kryton	Fire Stone, Jubilant
		Pidilite	Carlisle	Kryton, Berger

		Tikidan	MYK Arment	Sunanda Chemicals
		MC Bauchemic	Reynoarch	Asian Paints Smartcare, Sakarni
8.	Waterproofing Self Adhesive (HDPE) membrane	GRACE	Fosroc	Pidilite
		Kintop, Kryton	Keshun, Jubilant	MYK Arment
		Carlisle	Tikidan	STP, Sika
		MC Bauchemic	Sunanda Chemicals	Technicol
		Reynoarch, Sakarni	Mapei, Berger	Asian Paints
9.	EPDM Waterproofing Membrane	Fire Stone, Jubilant	Polygamma, Kryton	Pidilite, Berger
		Reynoarch, Sakarni	DBS, STP, Asian Paints Smartcare	Sunanda Chemicals-Fire Stone
10.	PU Elastomeric Membrane (spray applied for Deck Waterproofing)	BASF, Jubilant	Fosroc, Kryton	Sika, STP
		Reynoarch, Sakarni	Pidilite, Asian Paints Smartcare	MYK Arment
11.	Glasswool Insulation	UP Twica	Poly Glass	Ownscorning, Unidus
12.	Insulation	Roxul Rockwool	Unidus	Paramount
13.	Swellable Bar	Pidilite	Fosroc	Keshun
		Hayakawa	Asian Paints Smartcare	
14 (a)	Roofing (Metal)	Kingspan	Kalzip	Rigidal
14 (b)	Roofing (Pre-insulated Asphalt)	Skylanes	Onduline	
15.	Straight walkways	Kingspan	Wulmet	Kalzip
16.	Fall Arrest System	Kingspan	Kalzip	Kartosar
17.	Step Walkways	Kingspan	Kalzip	Latchways
18.	Seam Clamp	Kingspan	Kalzip	
19.	Roof hatch	Kingspan	Nystrom	Babenko
20.	Polycarbonate Sheet	GE Plastic (SABIC)	Gallina	DPI Daylighting
		GE, Lexan	Tuflite, MPP	Polygel
21.	Decking Steel Sheet	TATA Steel	Lloyds, RINL	JSW, APL Apollo
22.	Shuttering/ Formwork – Ply / Steel	Ply-Archid	Virgo	For Steel – MS Plate
		Merino	Kitply	Century
23.	Rebarring Chemical	Hilti, AFT	3M India	Birla, Wuerth

17	Covered Shelter	Unistone	Etacon	
18	Modular railing, SS Clamp, SS Dustbin, SS Bench	Ozone, Technoraill, Steelex, Konzept, Doorkey, AFT		

6. HVAC / VENTILATION SYSTEM				
S. No.	Material	Approved Makes / Brands		
1	Chillers	York	Carrier	Daikin
		Dunham Bush	Trane	
2	Chilled/ Condenser Pumps:	Kirloskar	Bell & Gossett	Wilo (Mather+Platt)
		Grundfos	Lubi	
3	Cooling Towers	Mihir	Advance	Paharpur
4	Hot Water Generator	Rapid Cool	Emerald	Sandhu
5	Air Handling Units & TFA:			
5 a.	Air Handling Units (Eurovent certified)	VTs	System Air	Stulz
		Flaktwood	Edgetech	Zeco
5b.	Cooling Coil	As per manufacture standard of AHU		
5c.	Fan	Kruger / Comferi	Airflow	Nikotra
		Rallison		
6	Fan Coil Unit & Cassette Unit	Sinko	Carryaire	Trane
		Rallison		
7	Split AC	Daikin	Hitachi	Toshiba
		Carrier		
8	M.S. Pipes: - Any dia	Tata	Jindal Hissar	Sail, APL Apollo
9	Butterfly Valves	Advance	L&T	Danfoss
		VTM	Axim	Castle
10	Motorized Butterfly Valve	Belimo	Danfoss	Siemens
		Oventrop	Advance	Castle
11	Pressure independent control valve (PICV)	Belimo	Danfoss	Siemens
		Oventrop	Advance	Castle
12	Check Valves	Advance	L&T	Danfoss
		VTM	Axim	Castle
13	Ball valve	Zoloto	Audco	RC
		VTM	Axin	Castle

27	Air Separator	Anergy	Emerald	Sandhu
28	Auto Air Vent	Anergy	Rapid Cool	Oventrop
29	Plug Valve	Anergy	Rapid Cool	Castle
30	G.I. Sheets	Sail	Tata	Jindal, APL Apollo
31	MS. Sheets	Hindalco	Balco	NALCO, APL Apollo
32	Fire Dampers	Systemair	Caryaire	Ruskin
		Greenheck		
33	Damper Actuator	Belimo	Sinider	Sinider
34	Grills/Diffusers	Systemair	Caryaire	Titus
		Trox		
35	Fresh Air Louvers	Systemair	Caryaire	Titus
		Trox		
36	Resinbonded Glass Wool Insulation/ XLPE	UP TWIGA	Owens Corning	Kimmco
		K-flex	Paramount	
37	Protective Coating over insulation (Lag coating)	Pidilite	Foster	Idendan
		CISBOND	Paramount Adhins	
38	Resinbonded Glass Wool Acoustic - Insulation / Oxide Acetate	UP TWIGA	Owens Corning	Kimmco
		K-flex	Paramount	
39	Insulation Adhesive	Pidilite	Foster	CISBOND
		Henkel	Paramount Adhins	
40	Factory Made ducting	Rolastar	Ductofab	Zeco
		Technofab	Ecoduct	
41	Filters (in Air- conditioning system) Ventilation Fans:	Thermodyne	Purolator	Anfilco
		Mackmark		
42	Tube/Vane Axial	Kruger	System Air	Greenheck
43	Inline (Centrifugal)	Kruger	System Air	Caryaire
		Ostberg		
44	Propellr Fans	Kruger	GE	Crompton
		Rallison		

45	Air Washer/Scrubber	Edgetech	Zeco	System Air
		VTs	Crystal Air	
46	Fan	Kruger	Nikotra	Comferi
		Rallison		
47	Pump	Kirloskar	Beacon	Wilo
48	Filters	As per manufacturer's standard		
49	Heat Recovery Wheel units	DRI	Enventus (Ostberg)	Flakt
50	Heat Pipe	HPT	SPC	VTs
51	Vibration Isolator	Easyflex	Resistoflex	Dunlop
52	Anchor/Fastener	Hilti, AFT	Fisher	Gripple
		Rawlplug	Pyrotech	Wuerth
53	Duct Support	GPL	Gripple	Easyflex Zip-Clip
54	PUF Saddles	Lloyds	Beardseil	Malanpur
55	FCU link	ATS (CSI)	Oventrop	CIM
56	Sound Attenuator	Ruskin	Systemair	Trox
57	CO Sensor	Siemens	Omicron	Johnson
58	VFD	Danfoss	ABB	Siemens
		Fuji		
59	CO2 Sensor	Siemens	Omicron	Johnson
60	Demand Ventilation System	Fanair	Asawa	
61	Equipment	Conaire	Glenstorm	Tristar
62	Motorized Assembly	Conaire	Glenstorm	Tristar
63	Integrator	Conaire	Glenstorm	Tristar
64	High Density PVC Pipe	Finolex	Kissan	Prince
		Supreme	APL Apollo	

65	UVCI	Universal UV Solutions	UVTronix	Supco
66	Online Scale preventer	Scale Guard	Ristello	Supremo
67	Electronic Air Filtration System	Honeywell	Trion	Trane
68	VRF/VRV Syatem	Daikin	Tosiba	Samsung
		Mitsubishi Electric	Midea	
69	Copper Refrigerant Pipe	Camipro	Rajco	Mandev
70	Chilled Water Hi-Wall & Cassette	Midea	Caryaire	Edgetech
71	AHU / FCU Motor	ABB	Crompton	Siemens
72	PACs	Stuluz	Emerson	BlueBox
73	Flexible Duct	UP Twiga	Caryaire	Atco
74	Aluminium Sheet	Nalco	Hindalco	Balco
		Virgo		

7. PLUMBING & SANITARY				
S. No.	Material	Approved Makes / Brands		
1.	Sanitary Fittings & Accessories	Hindware	Kohler	Cera, Euronics
		Asian Paints Smartcare	Jaquar, Somany	Roca, Grohe
	Concealed cistern	Hindware	Kohler	Roca
		Geberit	Cera	Jaguar, Euronics
	WC connector	Geberit	Kohler	Cera, Euronics
	Auto Urinal Flush System	Cera	Kohler	Roca
		Grohe	Jaguar	Euronics
2	CP Brass Fittings	Jaquar	Kohler	Parryware
		Hindware	Grohe	Cera, Euronics
3	G.I. / M.S. Pipe	Tata	Jindal (Hissar)	Surya Prakash
		APL Apollo		
4	G I Fittings	Unik	KS	Zoloto
		R-Brand	Surya	

5	SS Pipes (316 Grade)	Jindal	Tata	VIGA
6	HDPE Pipes	Reliance	Jain Irrigation	Oriplast
		Vertex	West Well, APL Apollo	Supreme
		Vectus		
7	DI Pipes	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	Surya Roshni
		Vectus	PKS Export	APL Apollo
12	PVC Pipe & Fittings	AKG	Supreme	Finolex
		Surya Prakash	Vectus	APL Apollo
13	CPVC Pipes & Fittings	AKG	Astral	Supreme
		Finolex	Surya Prakash	Vectus
		SFMC	APL Apollo	
14	Centrifugally Cast (Spun) Iron Pipes & Fittings	NECO	SKF	Electrosteel
		Saint Gobain	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.	
18	SFRC Manhole covers & gratings	KK	OCR	Pargati
		T-CON		
19	RCC manhole Covers & Frames	KK manhole	Grating Co. Pvt Ltd	
20	D.I. Manhole Covers & Frames	Neco, RPMF		Kartar
21	Gun Metal Valves, Globes	Kartar	Sant, Castles	Zoloto

22	NRV - Ball type - Sewage application	Danfoss	Zaloto Audco	Castle
23	Bellow Type, Pressure Reducing Valve	CIM	Danfoss	Honey well, Castle
24	Floor Taps	Jayna	Chilly	Nirali
25	Water Meter	Prima	Zoloto	Leader
		Capstan		
26	Brass Stop & Bib Cock	Zoloto	Sant	L&K
		Leader	Astral	
27	Non Return Valve (Check valve) 1/2" to 1 1/4"	Zoloto	Sant	Leader
		Kartar	Advance	Castle
28	Brass Ferrules	Dhawan Sanitary Udyog	Kalsi	Annapurna
29	Polythylene water storage tank	Sintex	Polycon	SPL
		Vectus		
30	Insulation for hot water pipes	Kaiflex	Armaflex	Careflex
		Lloyd	Paramount	
31	Insulation for external/ exposed hot water pipe	Kaiflex	Armaflex	Careflex
		Lloyd	Paramount	
32	Pipe protection for external water supply pipes	Pypkote, Paramount Adhins	Armaflex	Makpolykote
33	GI/MS Pipe Protection Wrapping & Coating	IWL – Pypkote	Rustech - Coatek	
34	Stainless Steel Sink -316	Neelkanth	Nirali	Jayna
		Cera	Anupam	Franke Fabre
		Franke	Kingston	APL Apollo
35	Stoneware Pipes	Perfect	Hind	Burn
		RK		
36	Gully Traps	Perfect	Hind	Burn
		RK		
37	RCC Pipes (NP-2)	Lakshmi	Sood&Sood	Jain & Co.
		Pragati Concrete		
		STP	HTL	Hydro Tech

38	Atactic Polypropylene	Pidilite		
39	C.P. Waste, Spreaders Urinal Flush Pipes	Jaquar	Hindware	Cera
40	Check Valve - Dual Plate	Advance	Danfoss	Kirloskar, Castle
41	Ball Valves / wafer type Valves	Zoloto	Leader	AIP, Castle
42	Check Valve Forged Screwed	CIM/ Leader	Sant	Castle
43	Ball Cocks	GPA	Sant	L&K
44	Air Release Valves	Exflame	Leader	Zoloto, Castle
45	Pipecoat	IWL Ltd	Pypkote	STP
46	CI Double Flanged Sluice Valve	Kirloskar	IVC	Sondhi
		Kejriwal		
47	Adhesives	Nuwood	Duratuff	Pidilite
48	PE-AL-PE	Kitec	Jindal	Supreme
49	Solar Water Heating System	Tata BP	Honey Well	Solar
50	Water Heater (Geyser)	Venus	Bajaj Spherhot	Photon
		Racold	Havells	Jaguar
51	Hand Drier	Euronics	Duravit, Jaguar	Grohe Kohler
52	Backflow preventer (Water Hammer)	Normex	Kessel	Lahri
53	Drinking Water Cooler	Blue Star, Usha	Voltas	Oasis
54	Anti-Vibration Mounting & Flexible connections	Resistoflex	Dunlop	Flexionics
55	Electronic Flow Meter	Blue Star	Usha	Voltas
56	Temperature Sensor/ Gauge	Forbes Marshall	Danfoss	Wika
57	Rain Water Harvesting System	Through Reverse boring System		
58	Soil anchor for Diaphragm wall	Tata	Usha Martin	Frayssinet India, Dynamic

8. FIRE FIGHTING				
S. No.	Material	Approved Makes / Brands		
1	M. S Pipe	Tata	Jindal Hissar	Prakash Surya
		SAIL	APL Apollo	
2	G. I Pipes	Jindal Hissar	Prakash Surya	SAIL
		TATA	APL Apollo	
3	Forged Fittings	SS	VS	True Forge
4	ERW / butt Welded Fittings	MEC (Jainsons)	Unik	
5	Groove Fittings (UL listed)	Victaulic	Jainson	New
6	Ball Valve / Gate Valve (Gunmetal)	Sant	Leader	Zoloto
		CIM		Castle
7	Butterfly Valve	Zoloto	Kirloskar	Leader
		Audco		Castle
8	Motorized Butterfly Valve	Advance	AUDCO	L&T
		Zoloto		Castle
9	Balancing Valve	Advance	Utam& VTM	L&T, Castle
10	Non Return Valve	Advance	Utam& VTM	L&T, Castle
11	Y-Strainer	Emerald	AUDCO	kirloskar
		Zoloto		Castle
12	Pot Strainer	Rapidcool	Emerald	Sant
		AUDCO	Zoloto	Castle
13	Thermometer	Emerald	Anergy	Honeywell
14	PICB Valve	Danfoss	Frees	Ovenrop
		Spirotech	Reflex	
15	Control Valve	HD	Viking (VL Listed)	Castle
16	Airvent	Anergy	Siemens	Emerald
		CIM	Advance	Castle
		Honeywell		

16	PVC Conduit	Prince ISI Marked	Norpack	Adhunik
		Polycab	AKG	BEC
17	MS Conduit ISI Marked	BEC	AKG	NIC
		JPC	APL Apollo	Adhunik
18	ESE Lightning Protection System / Earthing	Cape Electric	Allied Power Solution	JMV LPS Ltd
19	DLP Trunking	MK Honeywell, Norpack	OBO Betterman	Legrand, Phoenix Contact
20	Floor Trunking / Raceway	PROFAB, AKG	OBO Betterman	SPC Electrotech
21	Cable Tray	PROFAB	Phoenix Contact	SPC Electrotech
		OBO Betterman	AKG	
22	Solar Street Light Fitting with pole	Philips	Bajaj	Havells
		Trilux	Wipro	Jaguar
23	Ceiling Fan / Exhaust Fan	Crompton Greaves	Havells	
		Orient	Rallison	
24	Octagonal/ Decorative Steel Pole	Bajaj	Transrail	Philips, Jaguar
25	Internal Lighting LED	Philips	Jaguar	Havells
		Wipro		
26	Outdoor Lighting	Havells	Wipro	Philips
27	Automatic Fire System	Honeywell	Rotarex	Agni
28	Solar Panels	Tata Solar Power	Bhel	Power one
29	AHF/APPF/ AMF / EPP/ FPP/AVR	Regent Switchgear	EVA	Leopower
30	Automatic Phase Sequence Corrector	Vertiv	Siemens	Leopower
31	Constant Voltage Constant Frequency , Transient	Vertiv	Siemens	Leopower
32	K13 isolation Transformer	Vertiv	Siemens	Leopower

2	Irrigation Products	Stitchwell Qualite x	Irrigation Products International	Jain Irrigation Systems
19. MISCELLANEOUS / OTHER WORKS				
S. No.	Material	Approved Makes / Brands		
1	Customized Cable tray for multi services, Lighting & LV wiring	BEC, AKG	Leeway Design	OBO Betterman
2	Optical Turnstiles	Boon Edam	Gunnebo, Houston System	Kaba,
3	Central Vacuum System	Sistemair	Sachvac	Schonbach
4	Multi-Purpose Poles	Keselec	Heper	Wipro
5	Garbage Chute system	Ecotech Chutes	Horizon Chutes	Hardal
6	Waste Compacter bins	Universal e cube	Big Belly Solar	Schonbach
7	Polyurethane Sealent	Fosroc, Choksey	Asian Paints Smartcare	Pidilite
8	Adhesive for Wood Work	Dunlop	Fevicol	Vamicol
		Pidilite		
9	Landscape Furniture	KK Manhole & Grating Co. Pvt. Ltd.	JSL Architecture Ltd	
10	Hdpe Grass Pavers & Hdpe Drain Board	Ovilite	Aceturf	Plydex
11	Ornate Pots (Removable Planters)	Smart Exteriors	Yuccabe	Raunaq Sales
12	Stone slabs – Marble& Granite	R.K.Marble	Arasi Empexs	Mangla Group
		DBS		
13	Insulated Aluminium Panels	Luxalon	Qbiss	
14	Kids Play Equipment	Koochie	Kompam	
15	Terminal Blocks	Phoenix Contact	Wago	
16	Dustbin	Neelkamal	Supreme	
17	Steel Door Frames	APL Apollo	Jindal, Pyrotech	Navair , Bhavani Fire
18	Flap / Swing Barrier	Houston System, Kaba	Hikvision	Megnatic, Boom Edam
19	Art Work - Sculptures	Kalanishtha Enterprises	Art View Studio	Us India Art & Culture Exchange
		Art Kommune		
20	Furniture's	SFMS Furniture Pvt. Ltd.	Geeken, Rockworth	Godrej, Spacewood office solution
		Featherlite	Herman Miller Geeken	Wipro, Hamara Interior (H1)