



Request for Proposal

for

DEVELOPMENT/ REDEVELOPMENT OF RAILWAY STATION

on

ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC)

(RFP No 09-CE-CN-ERS-2025-EPC)

Bid Document

Volume I – Instructions to Bidders (ITB) and
Volume II- Draft EPC Agreement

(Chief Engineer (Construction), Southern Railway,
First Floor, GCDA Eastern Entry Tower,
Ernakulam Junction- 682016)

Signature Not
Verified

Digitally signed by
Soumya S
Date: 2025.07.08
15:28:04 +05'30'
Reason: IREPS-CRIS
Location: New Delhi

**Chief Engineer (Construction), Southern Railway,
First Floor, GCDA Eastern Entry Tower,
Ernakulam Junction- 682016**

SECTION 1

INTRODUCTION

1.1 Background

1.1.1 The President of India represented by the Chief Engineer (Construction), Southern Railway, Ernakulam Jn (the “Authority”), having its principal office at First Floor, GCDA Eastern Entry Tower, Ernakulam Jn- 682016 is engaged in the development of Railways and related infrastructure, and as part of this endeavour, the Authority has decided to undertake the **Redevelopment of Ernakulam Jn Railway Station** at Ernakulam, Kerala (the “**Project**”) through Engineering, Procurement and Construction (the “**EPC**”) contract, and has decided to carry out a single stage 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):

SNo.	Particular	Details
1.	Name of the Work	Request for Proposal (RFP) for Redevelopment of Ernakulam Jn Station on Engineering, Procurement and Construction (EPC) mode.
2.	Estimated Project Cost	INR 350.02 Crore. (Rupees Three Hundred and fifty crores and two lakhs only)
3.	Construction Period	Twenty Four months
4.	Bid Due Date and time	By 15:00 hrs on 27.08.2025
5.	Physical submission of all documents listed in clause no. 2.11.2	By Bid Due Date + 5 working days By 15:00 Hrs on 03.09.2025
6.	Date and Time of Opening of Bid	At 15:30 Hrs (IST) on 03.09.2025
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 Fee	NIL
11.	Bid Security OR Bid Security Declaration ⁴	Rs 1,75,01,100/-. (Rupees one crore seventy five lakhs one thousand and one hundred only)
12.	Bank Account Details of the	Name of Beneficiary FA&CAO, Southern

⁴ Either of the two to be retained as per the provisions/orders related to submission of Bid Security OR Bid Security Declaration

**CAO-CN-ERS-ENGINEERING/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: 09-CE-CN-ERS-2025-EPC

Closing Date/Time: 26/08/2025 15:00

Chief Engineer, Construction, Ernakulam Jn acting for and on behalf of The President of India invites E-Tenders against Tender No **09-CE-CN-ERS-2025-EPC** Closing Date/Time 26/08/2025 15:00 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	Redevelopment of Ernakulam Jn Railway Station in EPC mode		
Bidding type	EPC [Single Stage]		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	26/08/2025 15:00	Date Time Of Uploading Tender	08/07/2025 22:11
Pre-Bid Conference Required	Yes	Pre-Bid Conference Date Time	28/07/2025 11:00
2nd Pre-Bid Conference Required	No	2nd Pre-Bid Conference Date Time	Not Applicable
Advertised Value	3500220827.00	Tendering Section	TENDER
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	17501100.00	Validity of Offer (Days)	120
Tender Doc. Cost (Rs.)	0.00	Period of Completion	24 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	12/08/2025		
Are JV allowed to bid	Yes	Number of JV Member Allowed	3
Are Consortium allowed to bid	Yes	Number of Consortium Member Allowed	3
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)
Docs. Receipt Confirmation	Required		

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule (EPC) G-Project Lumpsum							3500220827.00	Above/ Below/Par
1	Lump Sum				3500220827.00	AT Par	3500220827.00	
	Description :- Lumpsum							

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 Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Bidder shall have eligibility as referred para 2.2.2.1, 2.2.2.2, 2.2.2.3, 2.2.2.4, 2.2.2.5, 2.2.2.6 of uploaded RFP document	No	No	Allowed (Mandatory)

Special Technical Criteria

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

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. In addition, the approved brands /makes of materials approved and issued by CPWD may also be used with the Approval of the Authority.

All the urinals, taps shall be sensor based. 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 electrically operated sensor based.

Signal and Telecommunication items shall be procured from RDSO approved makes/brands. In case there is no RDSO approved make/Brand the same shall be procured from the following list of makes / Brands duly adhering RDSO specifications if any. Inspection charges shall be born by the EPC contractor.

1. CIVIL & STRUCTURAL				
Sl.No	Material	Approved Makes / Brands		
1.	Ordinary Portland Cement/ Portland Pozzolona Cement	ACC	Ultratech	J. K Cement
		Zuari Cement	Ambuja Cement	India Cement
		Dalmia		
2.	White Cement	Birla White	J.K. White	Lafarge
3	Plasticizer, Super Plasticizer, Admixs Tures etc	M.C. Bauchemie	Fosroc	Pidilite
		CICO	Sika	BASF
		MYK Arment	MAPEI	KYK Proset
		Asian Laboratories	Ultracon	Kryton
4	Reinforcement Steel (HYSD TMT-Fe 500)	SAIL	Tata Steel	RINL
		JSW Steel Ltd	Jindal Steel & Power Ltd	

5	Structural Steel / M.S. Tube	TATA	JSW Steel Ltd	SAIL
		Jindal Steel & Power Ltd	Rashtriya Ispat Nigam Ltd	APL Apollo
6	Plasticizer, Super plasticizer, Admixtures & Other construction chemicals	M.C. Bauchemie	Fosroc	Pidilite
		CICO	Sika	BASF
		MYK Arment	MAPEI	KYK Proset
		Asian Laboratories	Ultracon	Kryton, Cerachem
7	Waterproofing Compound (Crystalline)	BASF	Sika	Penetron
		Fosroc	Kryton	Fire Stone
		Pidilite	Carlisle, MYK Arment	MAPEI, Cerachem
8	Waterproofing Self Adhesive (HDPE) membrane	GRACE	Fosroc	Pidilite
		Kintop	Keshun	KYK Proset
		BASF	SIKA	Kryton
		MAPEI	MYK Arment	Cerachem

9	EPDM Waterproofing Membrane	Carlisle	Pidilite	STP
		Fire Stone	Polygamma	MYK Arment
10	PU Elastomeric Membrane (sprayapplied for Deck Waterproofing)	BASF	Fosroc	Sika
		Keshun	Pidilite	MAPEI, MYK Arment
11	Glasswool insulation	UP Twica	Poly Glass	Owenscorning
12	Rock Wool Insulation	Lloyds	Roxul Rockwool	Rock wool India Pvt Ltd
		Hayakawa		
13	Swellable Bar	Pidilite	Fosroc	Keshun
		MAPEI	MYK Arment	
14.	Polycarbonate Sheet	GE Plastic (SABIC)	Gallina	DPI Daylighting
		Danpal	Bayer	MYK Arment

15	Decking Steel Sheet	TATA Steel	Lloyds	JSW, APL Apollo
16	Shuttering Ply	Archid	Century	Merino
		Kitply	Sundawn, Total Ply	Ambika Plywood
17	Decking Steel Sheet	Kitply	APL Apollo	
18	Rebarring Chemical Fire Sealant	Hilti	3M India	Birla
19		Hilti	3M India	Fischer
20	Parallel Threaded Couplers (Compliant to IS 16172:2014)	Dextra	Halfen Moment	G-Tech
21	Extruded Polystyrene Board	STP	Supreme	Owens Corning, Shalimar
		Finecrete	Magcrete	
22	AAC Block	Aerocon	Builttech	Instablock
		Finecrete	JK	Renacon
23	AAC Mortar	Ferrouscrete	Ultratech	
24	Moisture Resistant Board	Saint Gobain	Gyprox	USG Boral
25	AAC Mortar	Greenlam	Duro	Merino

26	Veneered Particle Board	Merino	Duro	Greenlam
		Kitply	Archid	
27	Laminated Particle Board / Laminates	Merino	Greenlam	Century
		Archid	Duro	Novapan
28	Flush door / Laminated Flush Doors	Century	Green	Merino
		Archid	Duro	
29	Toilet Cubicles	Merino	Greenlam	T Line
		Dorma		

54	Formwork systems	Peri,	Doka,	Symons
	Aluminium shuttering	Maini	S-Form	Kumkang
55	Formwork systems	MFE Form Work		
56	Metal roofing system	MULTI-	LYSAGHT Flex-	APL Apollo

57	(Metal)	INFRATECH -Multi-Zip	lok of Tata Blue Scope	Lloyd
	Automatic Sliding Door	Dorma	Ozone	GEZE
58	Metal roofing system (Aluminum).	Kalzip	Kingspan	Oranium
		Hindalco	Everlast	Tata Roofing sheets
		APL Apollo		

2. FALSE CEILING				
S.No.	Material	Approved Makes / Brands		
1	False Ceiling – Gypsum	Saint Gobain	India Gypsum	Boral Lafarge
		Armstrong		
2.	False Ceiling – Metal	Saint Gobain	Hunter Douglas	Armstrong
		. New age False ceiling Pvt. Ltd		
3.	Gyp Board	Saint Gobain	Boral	Lafarge
4.	Open Cell Ceiling	Armstrong	Durlum	SAS
		New age False ceiling Pvt. Ltd	Hunter Douglas	
5.	False Ceiling Grid System	Gyproc	Grid System	RK
		Gridline	Armstrong	Boral Lafarge

3.	Glazing Structural / Suspended / Skylight	Saint Gobain	Pilkington	Glaverbal
4.	Clear / Float / Frosted Glass	Saint Gobain	AIS	Pilkington
		MODI Guard	Atul	Geze
5.	Glass Spider Fittings	Dorma	Hafale	Ozone
6.	Stainless Steel Railing, Accessories etc. in Grade SS 304 & 316	Dorma	D-line	Geze
		Ozone		
7.	Hermitically Sealed performance glass Toughened Glass	Saint Gobain	Guardian Glass	Pilking ton
		Modiguard		
8.	Fire Rated Vision Panels	Pilkington	Schott	Ferilite
		Saint Gobain	Glaverbel	
9.	Ceramic panel Cladding	Hunter Douglas	Neolith	Terreal
10.	Aluminum Louvers	Hunter Douglas	Kawneer	Colt
11.	Aluminium Composite Panels	Reynobond	Alucobond	Alpolic
		Aludecor	Viva	
12.	G.I. Steel Door Frame	Synergy Thrislington	Navair, APL Apollo	Shakti
13.	Friction Stay Hinges	Dorma	LG Sysmac	Dorset
14.	EPDM Gasket	Hanu	Anand	Osaka / Alps
15.	Glass Processor for making DGU / Toughing	Art N Glass	GSC (Noida)	Sejal
		ASAHI	Gold Plus	Kaenat Glass
16.	Mirror Glass	Atul	Modi Guard	Saint Gobain
		Glalverbel	AIS	
17.	UPVC Doors & Windows	Fenesta	Wintech	Aluplast
		Windowmagic	Rajshri	

3	G.I. / M.S. Pipe	Tata, APL Apollo	Jindal (Hissar)	Surya Prakash
4	G.I. Fittings	Unik	KS	Zoloto
		R-Brand	Surya	
5	SS Pipes	Jindal	Tata, APL Apollo	VIGA
6	HDPE Pipes	Reliance	Jain Irrigation	Oriplast
		Vertex	West Well,	Supreme
		Vectus	APL Apollo	
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		

7. PLUMBING & SANITARY

S. No.	Material	Approved Makes / Brands		
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		

S. No.	Material	Approved Makes / Brands		
51	Hand Drier	Euronics	Duravit	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

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		
7	Butterfly Valve	Zoloto	Kirloskar	Leader
		Audco		
8	Motorized Butterfly Valve	Advance	AUDCO	L&T
		Zoloto		