

**EDFC FIELD UNIT-TUNDLA-CIVIL/EDFC
TENDER DOCUMENT**

Tender No: TDL-EN-BPUN-KRJN-C-B-2025

Closing Date/Time: 28/02/2025 15:00

CGM/DFCCIL/TDL acting for and on behalf of The President of India invites E-Tenders against Tender No **TDL-EN-BPUN-KRJN-C-B-2025** Closing Date/Time 28/02/2025 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	Repairs to damaged/low cess and banks in between New Khurja to New Bhaupur section of Eastern Dedicated Freight Corridor Corporation of India Limited (DFC chainage 509 to 851 KM)		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	28/02/2025 15:00	Date Time Of Uploading Tender	07/02/2025 17:13
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	15575406.14	Tendering Section	CIVIL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	227900.00	Validity of Offer (Days)	120
Tender Doc. Cost (Rs.)	5900.00	Period of Completion	9 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	14/02/2025		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Amount	Bidding Unit
Schedule () A-USSOR-2019 Items							12908312.70	Above/ Below/Par
1	22011	300.00	cum	202.55	60765.00	AT Par	60765.00	
	Description:- Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual Means for foundations and floors of the bridges, retaining walls etc. including setting out, dressing of sides, ramming of bottom, getting out the excavated material, back filling in layers with approved material and consolidation of the layers by ramming and watering etc. including all lift, disposal of surplus soil upto a lead of 300m, all types of shoring and strutting with all labour and material complete as per drawing and technical specification as directed by Engineer in charge. Note: This item will be used for excavation work in connection with other miscellaneous works also. like side drains, foundation for OHE masts and other miscellaneous structures in connection with Gauge Conversion, Doubling, New lines: All kind of soils							
2	12010	2000.00	cum	319.19	638380.00	AT Par	638380.00	
	Description:- Earthwork in filling in embankment , guide bunds, around buried type abutments, bridge gaps, trolley refuges, rain bunds, if provided, platforms etc. with earth, suitable for embankment as per RDSO latest Specifications and guidelines GE: G-14 of Soil Quality Class SQ1, excavated from outside railway boundary entirely arranged by the contractor at his own cost including all leads, lifts, ascents, descents, crossing of nallahs or any other obstructions. The item shall include demarcation and setting out of profile, site clearance, removing of shrubs, roots of vegetations growth, heavy grass, benching of existing slope of old bank, all handling/re[1]handling, spreading in layers with motor grader, bringing the moisture content to OMC, mechanical compaction to specified density and dressing of bank to final profile as a complete job. The payment shall be made as per finished profile and the rate shall include all costs including taxes, octroi, royalty etc. except for mechanical compaction which shall be paid extra under relevant item. Cut trees shall be property of railways and to be deposited in the railway godown unless specified otherwise in the Special Conditions of Contract							
3	51060	300.00	cum	2453.02	735906.00	AT Par	735906.00	

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	Description:- Providing and laying Pitching with Stone Boulders, weighing not less than 35kg each with voids filled with spalls on slopes, laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical Specifications (filter media to be paid separately under the relevant item)						
	211240	25000.00	Each	26.33	658250.00	AT Par	658250.00
4	Description:- Supplying and filling 50 kg size empty cement polythene bags with Rly.Ballast/moorum/earth/Sand/quarry dust etc. placing the filled bags on the high banks /bridge approaches/nominated place etc. dumping and spreading at the nominated locations to profile under block period with all contractor's labour,tools,plants. ,loading,unloading, filling,spreading including all lead/lift etc. complete and as directed by the Engineer in charge at site including crossing of track where necessary						
	51100	1500.00	cum	452.68	679020.00	AT Par	679020.00
5	Description:- Laying Pitching with Stone Boulders supplied by Railway with voids filled with spalls on slopes, laid over prepared filter media including boulder apron laid dry in front of toe of embankment as per drawings and technical specifications with maximum lead upto 150m (filter media to be paid under relevant item)						
	Please see Item Breakup for details.				755626.70	AT Par	755626.70
6	Description:- "Providing and laying in position Plain cement concrete of specified Nominal Mix for miscellaneous works like side drains, foundation for OHE masts and other miscellaneous structures excluding the cost of Cement, centering and shuttering - All work up to plinth level" :						
	Please see Item Breakup for details.				315530.00	AT Par	315530.00
7	Description:- 22050: Providing and laying in position machine batched, machine mixed and machine vibrated Design Mix Cement Concrete of specified grade (Cast in- Situ) using 20mm graded crushed stone aggregate and coarse sand of approved quality for the following Reinforced cement concrete structural elements up to height of 10 m from foundation top level, including finishing, using Admixtures in approved proportions (as per IS:9103), to modify workability & other properties without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Payment for cement, reinforcement, shuttering shall be paid extra.						
	Please see Item Breakup for details.				174840.00	AT Par	174840.00
8	Description:- 25030: centering and shuttering including strutting, propping etc. and removal of form for :						
	25061	50.00	MT	7668.42	383421.00	AT Par	383421.00
9	Description:- Supply and using Cement at Worksite: Ordinary Portland Cement 43 grade						
	25072	8000.00	Kg	81.63	653040.00	AT Par	653040.00
10	Description:- Thermo-Mechanically Treated bars of grade Fe-500D or more.						
	52030	500.00	cum	1183.03	591515.00	AT Par	591515.00
11	Description:- Supply and laying of quarry dust including consolidation, supply of all materials, labour, lead, lift, tools, plants, crossing of tracks as per drawing and technical specification as directed by the Engineer in charge in case loose slush is encountered at site of foundation before casting the foundation or laying the filtering media						
	52260	300.00	cum	1700.83	510249.00	AT Par	510249.00
12	Description:- Supplying, spreading and filling coarse sand (no cohesive materials to be used) of approved quality including watering and ramming in foundation, plinth, behind the abutment, wing wall, retaining wall in layers not exceeding 150mm thick including its compaction as per direction of Engineer-in-charge. The rate includes all lead, lift, ascent, descent, crossing of Railway line etc. complete with contractor's labour, materials, tools and plant						
	191300	1000.00	Metre	215.04	215040.00	AT Par	215040.00
13	Description:- Clearing waterway of major & minor bridges by removing weeds / shrubs / bushes, removing silt deposit, filling scours, if any upto 10 metre from centre of bridge on either side including disposing waste and silt away from waterway (Rates are for a single line and per metre of bridge span)						
	111080	10000.00	Running Metre	112.85	1128500.00	AT Par	1128500.00
14	Description:- Earthwork for repairing to cess by cutting or raising of existing cess upto 4metre from centre of track with Railway's earth including cutting of earth,leading, benching, filling, dressing including cutting of grass / shrubs / trees etc.; watering, compaction by ramming and leveling of earth for required longitudinal & cross-sectional profile, as directed Note: [Rate also includes repairs of trolley refuges including pulling ballast back upto formation level to avoid impounding of ballast and there after putting the pulled ballast back after cess repairs etc.]						
	111090	5000.00	cum	423.01	2115050.00	AT Par	2115050.00
15	Description:- Repairing of embankment with contractor's own earth including , excavation / loading into contractor's vehicle with soil quality class SQ1 in cess / formation / level crossing, rain cuts etc. in running line to make surface to the desired level and slope to entire satisfaction of Engineer in[1]charge. Rate shall include sectioning to profile, all lift, descends, ascends, crossing of track / road / nallah etc. including breaking of clods etc. and compaction by rollers / rammers / tamping rods etc.						

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16	Please see Item Breakup for details.				2043930.00	AT Par	2043930.00	
	Description:- Turfing / planting, including all lead & lift and watering as required until properly rooted with. Note - Initially payment of only 40% will be made. Balance 60% will be paid only after 3 months of maintenance period, if the turfing is properly rooted.							
17	211220	100.00	Hour	1490.22	149022.00	AT Par	149022.00	
	Description:- Hiring of JCB/Hitachi for levelling and dressing ground/dismantling structures,Removal of jungle, clearing of earth, lowering high cess etc., along side the track between up and down lines obstructing drainages of rain water, clearing of bushes obstructing visibility at curves and Level Crossings with all lead and lift etc. complete and as directed by the Engineer-in charge .All labour, tools and plants consumables stores including supply of JCB/Hitachi with crew to be provided by the contractor at his own cost. The contractor shall arrange road permit for vehicle for all the States of operation, as per instructions of engineer in-charge and vehicle shall not be more than three years old.Payment shall be made for actual working hours at site.							
18	Please see Item Breakup for details.				413481.00	AT Par	413481.00	
	Description:- 52070: Grouting of masonry/concrete by injection process duly Sealing of cracks, through nipples complete as per Technical Specification and procedure given in IRBM Para No 209 including necessary admixutre. (Cement wil be paid extra							
19	52090	150.00	Sqm	1462.40	219360.00	AT Par	219360.00	
	Description:- Applying epoxy mortar over leached, honey combed and spalled concrete surface and exposed steel reinforcement complete as per Technical Specification with average thickness of 10mm including priming coat, mortar plaster and seal coat of epoxy.							
20	Please see Item Breakup for details.				46233.00	AT Par	46233.00	
	Description:- 81050: Running out / Putting of railway's stone ballast from existing stacks available along alignment either on top of cutting or on formation or at toe of bank by head leads or by any other means and spreading to the required profile with contractor's labour, tools & plants, as directed by Engineer in-charge. {Payment shall be made based on ballast stack measurement}							
21	Please see Item Breakup for details.				121154.00	AT Par	121154.00	
	Description:- 131010: Through packing of track, as described in Para-224 of Indian Railways Permanent Way Manual -							
22	USSOR2019	1.00	Lumpsum	300000.00	300000.00	AT Par	300000.00	
	Description:- Any other item required as per USSOR							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Amount	Bidding Unit
Schedule () B-DSR-2018 Items							1725525.80	Above/ Below/Par
1	Please see Item Breakup for details.				497880.00	AT Par	497880.00	
	Description:- 13.33: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)							
2	DSR2018	200.00	Sqm	84.26	16852.00	AT Par	16852.00	
	Description:- 13.10.6 Painting (one or more coats) with black Japan paint of approved brand and manufacture to give an even shade.							
3	Please see Item Breakup for details.				106130.00	AT Par	106130.00	
	Description:- 13.44: Finishing walls with water proofing cement paint of required shade							
4	Please see Item Breakup for details.				33636.00	AT Par	33636.00	
	Description:- 16.47: Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of ail dirt, scales, oil, grease and other foreign material etc. and lining out complete							
5	Please see Item Breakup for details.				908209.00	AT Par	908209.00	
	Description:- 6.4: Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :							
6	0020	20.00	Day	8140.94	162818.80	AT Par	162818.80	
	Description:- Hydraulic Excavator (3D) with driver and fuel							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Amount	Bidding Unit
Schedule () C-NS- ITEM NS Items							941567.64	Above/ Below/Par

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1	NS1	850.22	Sqm	1107.44	941567.64	AT Par	941567.64
Description:- Supply & installation of 30 honey comb shaped GEOCELLS 100/660 with complete accessories installation along with U-hook & filling it with local earth compacting & seeding cell with 660mm depth 100mm							

3. ITEM BREAKUP

Schedule	Schedule A-USSOR-2019 Items					
Item- 6	"Providing and laying in position Plain cement concrete of specified Nominal Mix for miscellaneous works like side drains, foundation for OHE masts and other miscellaneous structures excluding the cost of Cement, centering and shuttering - All work up to plinth level" :					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	22031	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	cum	150.00	2755.75	413362.50
2	22032	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	cum	100.00	2840.87	284087.00
3	22034	1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	cum	20.00	2908.86	58177.20
					Total	755626.70
Item- 7	22050: Providing and laying in position machine batched, machine mixed and machine vibrated Design Mix Cement Concrete of specified grade (Cast in- Situ) using 20mm graded crushed stone aggregate and coarse sand of approved quality for the following Reinforced cement concrete structural elements up to height of 10 m from foundation top level, including finishing, using Admixtures in approved proportions (as per IS:9103), to modify workability & other properties without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Payment for cement, reinforcement, shuttering shall be paid extra.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	22052	Wing wall and Return wall	cum	100.00	3155.30	315530.00
					Total	315530.00
Item- 8	25030: centering and shuttering including strutting, propping etc. and removal of form for :					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	25031	All types of bridge sub-structures, e.g. pier, abutment, wing wall, retaining wall, RCC box type foundations, Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier cap, Fender wall, Diaphragm wall etc. upto 5m above ground level	Sqm	250.00	699.36	174840.00
					Total	174840.00
Item- 16	Turfing / planting, including all lead & lift and watering as required until properly rooted with. Note - Initially payment of only 40% will be made. Balance 60% will be paid only after 3 months of maintenance period, if the turfing is properly rooted.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	13050	"Turfing with sods, 10cm thick and 20cm square closely laid"	100 Sqm	30000.00	6813.10	2043930.00
					Total	2043930.00
Item- 18	52070: Grouting of masonry/concrete by injection process duly Sealing of cracks, through nipples complete as per Technical Specification and procedure given in IRBM Para No 209 including necessary admixutre. (Cement will be paid extra					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	52073	Epoxy Grout	Kg	300.00	1378.27	413481.00
					Total	413481.00
Item- 20	81050: Running out / Putting of railway's stone ballast from existing stacks available along alignment either on top of cutting or on formation or at toe of bank by head leads or by any other means and spreading to the required profile with contractor's labour, tools & plants, as directed by Engineer in-charge. {Payment shall be made based on ballast stack measurement}					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	81051	For lead upto 50m and lift up to 5m	cum	300.00	131.36	39408.00

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2	81052	Extra over item no. 081051 for each additional lead of 50m or part thereof when total lead exceeds 50m, but upto 250m for each Cum.	Each	100.00	37.22	3722.00
3	81053	Extra to item no. 081051 for each additional lift of 2m or part thereof when total lift exceeds 5m for each Cum.	Each	100.00	31.03	3103.00
					Total	46233.00
Item- 21	131010: Through packing of track, as described in Para-224 of Indian Railways Permanent Way Manual -					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	131011	For Sleeper Density of 1540 Sleepers/Km or more	Track metre	1100.00	110.14	121154.00
					Total	121154.00
Schedule	Schedule B-DSR-2018 Items					
Item- 1	13.33: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	13.33.1	Flush/ Ruled pointing	Sqm	1500.00	331.92	497880.00
					Total	497880.00
Item- 3	13.44: Finishing walls with water proofing cement paint of required shade					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	1000.00	106.13	106130.00
					Total	106130.00
Item- 4	16.47: Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of ail dirt, scales, oil, grease and other foreign material etc. and lining out complete					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	16.47.2	Old work (One or more coats)	Sqm	300.00	112.12	33636.00
					Total	33636.00
Item- 5	6.4: Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	100.00	9082.09	908209.00
					Total	908209.00

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Allowed (Mandatory)

5. COMPLIANCE

Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Allowed (Mandatory)

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2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)
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General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	Yes	Yes	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per tender document	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	tenderdocuments_2.pdf	Tender documents

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: SHUBH KANT PANDEY

Designation : DYPM/Civil