

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

Tender No: TDL-EN-CTM-24-27-R1

Closing Date/Time: 04/03/2024 15:00

CGM/DFCCIL/TDL acting for and on behalf of The President of India invites E-Tenders against Tender No **TDL-EN-CTM-24-27-R1** Closing Date/Time 04/03/2024 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	Long Term Comprehensive Maintenance Contract for Track assets in Section New Bhaupur to New Khurja (338 Route Km) of DFCCIL for Three years in EDFC under CGM/Tundla		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	04/03/2024 15:00	Date Time Of Uploading Tender	09/02/2024 19:21
Pre-Bid Conference Required	Yes	Pre-Bid Conference Date Time	16/02/2024 11:00
Advertised Value	503260281.20	Tendering Section	CIVIL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	2666300.00	Validity of Offer (Days)	120
Tender Doc. Cost (Rs.)	11800.00	Period of Completion	36 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	19/02/2024	Are Joint Venture (JV) firms allowed to bid	Yes
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-schedule (Lumsum)							427084542.00	Above/ Below/Par
1		36.00	Month	11863459.50	427084542.00	AT Par	427084542.00	
Description:- - Inspection and maintenance of Track from KM [515] to Km [852.53] Double Line(Including link lines, sidings etc between New Bhaupur and new khurja)except items mentioned in below schedule-B								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B- (P-Way not covered in schedule A)							76175739.20	Above/ Below/Par
1		Please see Item Breakup for details.			2494671.00	AT Par	2494671.00	
Description:- IR USSOR item no 091030 , 25mm gap 'in-situ' welding and finishing of rail joints as per IR's AT Welding Manual with latest correction slips, RDSO approved welding portion and competent welder, labour, tools, equipments complete during traffic block. {Item includes use of weld trimming machine and grinding of weld finished to meet the weld tolerances and also anti corrosive painting to weld & marking of welded joint, as directed by Engineer in charge} -								
2		Please see Item Breakup for details.			5186000.00	AT Par	5186000.00	
Description:- - IR USSOR 131200, De-stressing of LWR/CWR with contractor's labours, tools & equipment's inclusive of all lead & lift. Activities include cutting of LWR/CWR into convenient panels of specified length, removal of ERCs, liners, greasing of ERCs and liner contact area, lifting rails and keeping them on rollers provided at every 15 sleepers, working out elongation of rail ends depending on prevailing site conditions, pulling rails with the help of Hydraulic Tensor to achieve the desired elongation, cutting rails, as required, removing rollers and placing rail in position, re-fixing ERCs & liners and adjustment of gap at SEJs : Note: (1) Welding of rail joints will be paid separately. 2. Rail cutting and Hole drilling shall be paid separately (3) Opening and closing of LC if required will be paid separately. 4. As per instructions of LWR manual & CE's Circulars for destressing of LWR/CWR								
		Please see Item Breakup for details.			1111250.00	AT Par	1111250.00	

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3	<p>Description:- Carrying out pre-tamping, during tamping and post-tamping work for tamping track with all types of rails, sleepers & sleeper density by various Track Tamping machines, which include : (1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track upto lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator, (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of TTM; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position alongwith squaring; (8) Re-setting of worked-out / fallen fittings; (9) Removing and re-fixing joggled fish plates & wooden blocks, wherever necessary; (10) Manual consolidation of ballast in crib / shoulders; (11) Removing and re-fixing of traction bonds during the block in electrified sections (12) Dressing of ballast NOTE: 1. Contractor to provide minimum 30 men with 2 supervisors for carrying out above work. 2. Tamping blocks are not identical & it may be given at any time either during day or night. 3. Stages of payment a) 30% of the rate will be paid on completion of pre tamping attention, b) Balance 70% of the rate will be paid on completion of post tamping. 4. Recovery at the rate of twice the above applicable rate will be effected in case contractor fails to carry out pre/during/post operation.</p>						
	Please see Item Breakup for details.			1079518.00	AT Par	1079518.00	
4	<p>Description:- Carrying out pre-tamping, during tamping and post-tamping works for tamping track with all types of rails, sleepers & sleeper density by various Track Tamping machines, which include : (1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track upto lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator; (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of TTM; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings including check rails immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position alongwith squaring; (8) Re-setting worked-out / fallen fittings; (9) Removing and re-fixing joggled fish plates & wooden blocks, OHE bonds & other obstructions, wherever necessary; (10) Removing and re-fixing stretcher bar, as directed; (11) Adjustment in opening and housing of switch for testing operation of points for -</p>						
	081120	25000.00	cum	51.03	1275750.00	AT Par	1275750.00
5	<p>Description:- Leading and loading Railway's ballast, collected at yard / depot / mid-section into Railway's BOB / BKH / any other type of open wagon, using JCB or any other approved mechanized method with all ascents, descents, taxes etc. with lead of 250m & all lifts complete as per specifications and as directed by Engineer incharge</p>						
	081100	5000.00	Track metre	34.04	170200.00	AT Par	170200.00
6	<p>Description:- Boxing of ballast as per profile mentioned in IR's LWR Manual including cess dressing on both sides of track. The work will include removing excess ballast from track and putting the same in crib and shoulder by leading to a maximum of 50m including crossing of track, dweeding on ballast section etc and as directed by Engineer-In charge</p>						
	001220	41772.53	cum	387.05	16168055.80	AT Par	16168055.80
7	<p>Description:- Earthwork in filling in embankment , guide bunds, around buried typeabutments, bridge gaps, trolley refuges, rain bunds, if provided, platforms etc.with earth, suitable for embankment as per RDSO latest Specifications andguidelines GE: G-14 of Soil Quality Class SQ2, excavated from outsiderside railway boundary entirely arranged by the contractor at his own cost includingall leads, lifts, ascents, descents, crossing of nallahs or any otherobstructions. The item shall include demarcation and setting out of profile, siteclearance, removing of shrubs, roots of vegetations growth, heavy grass,benching of existing slope of old bank, all handling/re-handling, spreading inlayers with motor grader, bringing the moisture content to OMC, mechanicalcompaction to specified density and dressing of bank to final profile as acomplete job. The payment shall be made as per finished profile and the rateshall include all costs including taxes, octroi, royalty etc. except formechnical compaction which shall be paid extra under relevant item. Cutdowns shall be property of railways and to be deposited in the railway godownunless specified otherwise in the Special Conditions of Contract.Note: Payment under this item shall be made only upto the thickness asapproved by Engineer-in-Charge. Any additional thickness executed shallbe paid under the item of Earthwork in filling in embankment for Soil QualityClass SQ1.</p>						
	001221	118192.00	cum	405.70	47950494.40	AT Par	47950494.40
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<p>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 SQ3, 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-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. Note: Payment under this item shall be made only upto the thickness as approved by Engineer-in-Charge. Any additional thickness executed shall be paid under the item of Earthwork in filling in embankment for Soil Quality Class SQ1.</p>							
NS	15000.00	Square Centimetre	49.32	739800.00	AT Par	739800.00	
9	<p>Description:- Reconditioning of cupped AT welding Joints and Wheel Burn/scabs of Rails with Translamic Robotic Welder using flux cored wire TRANSLARAIL of M/s CTF France as approved for regular adoption by RDSO/ Lucknow as per work procedure Issued for reconditioning of cupped AT welding joints and wheel burn scabs using Robotic Welding Machine 2019 to give a minimum life of 25 GMT or one year period whichever is earlier along with pre and post USFD testing of the reconditioned weld spot with contractor's labour, tools, power equipment, consumables with all lead and lift etc., complete as per the Instructions for Engineer-in-charge at site or work.</p>						

3. ITEM BREAKUP

Schedule	Schedule B- (P-Way not covered in schedule A)					
Item- 1	IR USSOR item no 091030 , 25mm gap 'in-situ' welding and finishing of rail joints as per IR's AT Welding Manual with latest correction slips, RDSO approved welding portion and competent welder, labour, tools, equipments complete during traffic block. {Item includes use of weld trimming machine and grinding of weld finished to meet the weld tolerances and also anti corrosive painting to weld & marking of welded joint, as directed by Engineer in charge} -					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	IR USSOR item no 091030 , 25mm gap 'in-situ' welding and finishing of rail joints as per IR's AT Welding Manual with latest correction slips, RDSO approved welding portion and competent welder, labour, tools, equipments complete during traffic block. {Item includes use of weld trimming machine and grinding of weld finished to meet the weld tolerances and also anti corrosive painting to weld & marking of welded joint, as directed by Engineer in charge} -	Each	300.00	8315.57	2494671.00
					Total	2494671.00
Item- 2	- IR USSOR 131200, De-stressing of LWR/CWR with contractor's labours, tools & equipment's inclusive of all lead & lift. Activities include cutting of LWR/CWR into convenient panels of specified length, removal of ERCs, liners, greasing of ERCs and liner contact area, lifting rails and keeping them on rollers provided at every 15 sleepers, working out elongation of rail ends depending on prevailing site conditions, pulling rails with the help of Hydraulic Tensor to achieve the desired elongation, cutting rails, as required, removing rollers and placing rail in position, re-fixing ERCs & liners and adjustment of gap at SEJs : Note: (1) Welding of rail joints will be paid separately. 2. Rail cutting and Hole drilling shall be paid separately (3) Opening and closing of LC if required will be paid separately. 4. As per instructions of LWR manual & CE's Circulars for destrssing of LWR/CWR					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	131202	With Contractor's Hydraulic Rail tensor	Track metre	50000.00	103.72	5186000.00
					Total	5186000.00

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Item- 3	Carrying out pre-tamping, during tamping and post-tamping work for tamping track with all types of rails, sleepers & sleeper density by various Track Tamping machines, which include : (1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track upto lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator, (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of TTM; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position alongwith squaring; (8) Re-setting of worked-out / fallen fittings; (9) Removing and re-fixing joggled fish plates & wooden blocks, wherever necessary; (10) Manual consolidation of ballast in crib / shoulders; (11) Removing and re-fixing of traction bonds during the block in electrified sections (12) Dressing of ballast NOTE: 1. Contractor to provide minimum 30 men with 2 supervisors for carrying out above work. 2. Tamping blocks are not identical & it may be given at any time either during day or night. 3. Stages of payment a) 30% of the rate will be paid on completion of pre tamping attention, b) Balance 70% of the rate will be paid on completion of post tamping. 4. Recovery at the rate of twice the above applicable rate will be effected in case contractor fails to carry out pre/during/post operation.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	151311	(a) For day time block working	Track metre	25000.00	44.45	1111250.00
					Total	1111250.00
Item- 4	Carrying out pre-tamping, during tamping and post-tamping works for tamping track with all types of rails, sleepers & sleeper density by various Track Tamping machines, which include : (1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track upto lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator; (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of TTM; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings including check rails immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position alongwith squaring; (8) Re-setting worked-out / fallen fittings; (9) Removing and re-fixing joggled fish plates & wooden blocks, OHE bonds & other obstructions, wherever necessary; (10) Removing and re-fixing stretcher bar, as directed; (11) Adjustment in opening and housing of switch for testing operation of points for -					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	151352	1 in 12 Turnouts	Set	50.00	21590.36	1079518.00
					Total	1079518.00

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

5. COMPLIANCE

Important : All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	as per Bid documents	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	as per Bid documents	No	No	Allowed (Mandatory)
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)

General Instructions

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1	as per Bid documents	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per bid documents	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	as per Bid documents	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	as per Bid documents	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	tenderdocumentr1.pdf	Tender Documents
2	Index_plan_dwg_CTM_O6FU.pdf	index plan

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Induswww 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