

**WDFC FIELD UNIT-JAIPUR-CIVIL/WDFC
TENDER DOCUMENT**

Tender No: JP-EN-FLN-TW-2024-09

Closing Date/Time: 19/07/2024 15:00

GM/Co-ordination acting for and on behalf of The President of India invites E-Tenders against Tender No **JP-EN-FLN-TW-2024-09** Closing Date/Time 19/07/2024 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	Construction of the balance future track for Line No. 3 and Line No. 6 adjoining the Runing Lines at New Phulera Yard under CGM/Jaipur Unit		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	19/07/2024 15:00	Date Time Of Uploading Tender	25/06/2024 11:42
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	18999525.20	Tendering Section	ENGG1
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	245000.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	5900.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	05/07/2024	Are Joint Venture (JV) firms allowed to bid	No
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 A							7848592.84	
1	Please see Item Breakup for details.				6994557.38	12.21	7848592.84	
Description:- IR P.way Work (USSOR items)								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-Schedule B (NS Item)							11150932.36	
1	Please see Item Breakup for details.				11150932.36	AT Par	11150932.36	
Description:- NS Items								

3. ITEM BREAKUP

Schedule	Schedule A-Schedule A						
Item- 1	IR P.way Work (USSOR items)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	121070/121071 - Provision of barricading with contractor's bamboos / balli vertical post of 75 to 100mm dia. planted at every 2m interval, projecting at least 1.5m above ground level and driven firmly (minimum 0.5m) inside ground and including painting verticals & horizontals with red luminous paints / strips at alternative bay on barricade. Barricades shall be completely removed when no longer required by engineer in-charge. @ 40<37@ payment shall be made on provision of barricading at work-site) With 3 horizontal bamboo / balli members of minimum 50mm dia. spaced equally	Running Metre	7258.00	149.82	1087393.56	
2	2	081050/081051 - 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} For lead upto 50m and lift up to 5m	cum	8000.00	113.22	905760.00	

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3	3	121120 - Compaction of ballast in layer, laid on new formation at all the locations with smooth wheeled power roller of 8-10 tonne capacity to sufficient number of passes to form consolidated ballast bed of 100mm - 150mm thickness to a width of 3.5m to 4.5m symmetrical to centre line of proposed track, to suit finished formation to correct line & level with all ascents & descents, as directed by Engineer in-charge. {Note : (1) Rate is inclusive of (a) providing ramp for taking roller to formation and removing the same & making good formation after completion of work; (b) redistribution & leveling of excess ballast while rolling to obtain uniform plane cambered surface; (2) 1.6 times to linear length of turnout shall be paid for work on turnout}	Track metre	7058.00	34.23	241595.34
4	4	121130/121132 - Linking of BG track on prepared formation to correct gauge & alignment with Railway's track materials including spreading sleepers at specified spacing, squaring, pairing & fixing rails to sleepers with all types of rail fittings & fastenings including their lubrication as per IRPWM standards. Rate is inclusive of kutcha packing to make track fit for 20 kmph speed : (NOTE: Rail cutting and Hole drilling shall be paid seperately) (b) For sleeper density of 1540 sleepers per km	Track metre	3529.00	233.44	823809.76
5	5	121090/121091 - Shifting & pairing of rails / panels unloaded alongside existing running track to adjoining formation including crossing of track, duly lifting & pushing rail / panel without damaging it and taking all necessary precautions, so as not to infringe the running track, as directed by Engineer in-charge. NOTE: The disturbed rail barricading should be restored to its original condition by the agency including re-fixing & concreting as required. Rail length upto 13m.	Running Metre	7058.00	32.35	228326.30
6	6	131010/131011 - Through packing of track, as described in Para-224 of Indian Railways Permanent Way Manual - For PSC sleeper Track (BG) : For Sleeper Density of 1540 Sleepers/Km or more	Track metre	7058.00	94.93	670015.94
7	7	091090/091092 - Flash Butt Welding of 90 UTS rails, conforming to IR's Manual for Flash Butt Welding of Rail, using contractor's self-propelled rail cum road / Mobile FBW Plants, tools, equipments and consumables. Item also includes painting and marking of welded joints, pre-straightening & post- straightening of panels and USFD testing of finished weld as directed by engineer in-charge for 60 Kg on Cess	Each	545.00	3705.74	2019628.30
8	8	141040/141041 - Carrying out USFD testing of Flash Butt (FB) & Gas Pressure (GP) welds on all types of rails using 2 single crystal 45° (2 MHz) for head testing and one single crystal 70° (2 MHz) probe for web & flange testing by NBC (Need Based Concept) method under traffic conditions as per provisions of IR's "Manual & Specifications for Ultrasonic Testing of Rails and Welds" & related instructions, duly marking the defects, submission of daily reports and storing back-up data as specified & directed. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and directed : With Contractor's USFD machine : Track having upto 3 rail panels	Each	545.00	194.24	105860.80
9	9	131200/131202 - De-stressing of LWR/CWR with contractor's labours, tools & equipments 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 With Contractor's Hydraulic Rail tensor	Track metre	3529.00	79.47	280449.63

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10	10	181290/181291 - Manufacturing, supplying and laying at specified locations factory made CC block pavers for road surface of level crossings to RDSO Drg.No. M.00003, manufactured using 20mm size graded hard stone aggregates of approved quality with a 1:1 contractor's cement, labour, tools/plant and curing with all lead & lift as per specifications and as directed by Engineer in-charge : 80mm thick blocks of M-35 grade for medium traffic	Sqm	400.00	909.88	363952.00
11	11	161010/161012 - Quick cutting with abrasive rail cutter of all types of rail sections including wear resistant, head hardened rails upto 110 UTS, with contractors tools & plants, equipment, consumable with all lead & lift etc. complete as directed by Engineer in-charge. Abrasive Rail Cutter will be as per RDSO Specification No. TM/SM/1 (Rev. 01 of 2007) with latest status of RDSO; Rail Cutting Wheel Abrasive Disc will be as per RDSO Specification No. TM/SM/2 (Rev. 01 of 2007) - 60 Kg - 90 UTS	Each	20.00	330.50	6610.00
12	12	91030/91031 - 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} - For 60 Kg Rail, Single shot crucible fitted with Automatic Tapping Thimble Technology, 3 pieces Mould (Zircon washed) and Compressed Air Petrol heating technique	Each	20.00	6371.29	127425.80
13	13	141030/141031 - Carrying out USFD testing of Alumino Thermic (AT) welds on all types of rails, using 0° (2 MHz) double crystal; 70° (2 MHz) 20mm x 20mm single crystal probe for head & flange testing; 2 nos. 45° (2 MHz) single crystal with tandem rig for testing from rail top to bottom & for half moon testing and 70° (2 MHz) 20mm x 20mm side looking probe by NBC (Need Based Concept) method under traffic conditions as per provisions of IR's "Manual & Specifications for Ultrasonic Testing of Rails and Welds" & related instructions duly marking the defects, submission of daily reports and storing back-up data as specified & directed. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and directed : Track having upto 3 rail panels	Each	20.00	195.51	3910.20
14	14	12050 - Providing of Blanketing over finished formation as per latest RDSO specifications and procedures by supplying materials of approved quality, spreading in layers not exceeding in 30cm in thickness in loose conditions and leveling by motor grader and compacting by vibro roller of required capacity upto desired degree of compaction, finishing to correct profile with all lead and lift, complete in all respect to the satisfaction of the Engineer-in- Charge. Rate includes all labour, material, tools, plants, machinery, testing equipment, testing charges, taxes, Royalties, Octroi etc. and all other incidental charges including compaction. Note:(i) The work shall be carried out as per RDSO Guidelines and specifications for Design of Formation for Heavy Axle Load (Report No. RDSO/2007/GE: 0014 of November, 2009) for mechanically produced blanketing material for Railway Formation. (ii) The Quality Control tests as prescribed vide RDSO/2007/ GE:0014 with up to date ammendment shall be arranged at site by the Contractor, for which no separate payment will be made. (iii) The tenderer is requested to go through specifications of blanketing material as per GE-0014 RDSO specifications. The blanketing material is expected to be manufactured in quarry/ site with pug mill type blender from stone crushed material of required quality as per specification with the grading falling in the enveloping curve. The rate includes the CBR tests, Los Angels Abrasion test, Impact tests, Atterberg limits, Grain size analysis, MDD and all quality tests as per specifications to be carried as per the laid down frequency on blanketing material/ compacted finished blanket surface. (iv) Measurement will be made on finished profile after compaction.	cum	75.00	1730.93	129819.75
					Total	6994557.38
Schedule	Schedule B-Schedule B (NS Item)					

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Item- 1	NS Items					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	NS/1Supply of Liner (i) T- 8255 metal liner	Each	11000.00	31.81	349910.00
2	2	NS/2 Supply of Liner (ii) T- 8254 metal liner	Each	11000.00	31.81	349910.00
3	3	NS/3 ERC Mark V RDSO Drg T-5919	Each	22000.00	86.85	1910700.00
4	4	NS/4 "Supply of Rubber Pad T7010"	Each	11000.00	54.81	602910.00
5	5	NS/5Manufacturing, supplying machine crushed stone track ballast conforming to Railways specifications from outside Railway land with contractors own material, crushing arrangement, tools and plants, skilled and unskilled labour, supervision or any other component of the work with or lead lift, descent, royly, taxes etc. levied by central/State/Local Govt. in complete in all respct.	Each	8000.00	706.58	5652640.00
6	6	NS/6Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required - in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	2200.00	93.81	206382.00
7	7	NS/7Shifting of P-way material in block such as sleeper, rail, fittings etc. from material stacking location outsides of track in railway boundary to the construction site with the help of hydra and truck: Complete Job including loading/unloading with lead up to 1 km and properly stacking as per direction of Engineer in-charge.	Metre	1908.48	291.08	555520.36
8	8	NS/8Shifting of ballast in block from ballast stacking location outsides of track in railway boundary to the construction site with the help of loader/tractor: Complete job including loading /unloading with lead up to 2 km and properly stacking as per direction of Engineer in-charge.	cum	8000.00	190.37	1522960.00
					Total	11150932.36

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

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

Special Technical 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)
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	No	No	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	TenderDocument-constructionofthebalancefuturetrackforLineNo.3andLineNo.6adjoiningtheRuningLinesatNewPhuleraYard.pdf	Tender Doc

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: SUGANDHA GARG

Designation : APM2