

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

Tender No: All-EN-PW-MD-MJ-22-24

Closing Date/Time: 21/09/2022 15:00

GM/DFCCIL/AJMER acting for and on behalf of The President of India invites E-Tenders against Tender No **All-EN-PW-MD-MJ-22-24** Closing Date/Time 21/09/2022 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.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

1. NIT HEADER

Name of Work	Associated works with Track maintenance between Madar-Marwar Section under jurisdiction fo GM/Co-ord, Ajmer of WDFC.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	21/09/2022 15:00	Date Time Of Uploading Tender	27/08/2022 12:19
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	187091877.25	Tendering Section	WORKS
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	1085500.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	24 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	07/09/2022	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-USSOR-2019							92140207.25	
1	041090	70.00	MT	72703.18	5089222.60	AT Par	5089222.60	
	Description:- Supplying, Fabricating and fixing access ladders, inspection platforms, Trolley refuges etc., on bridges with structural steel conforming to IS:2062 including welding / bolting, priming painting with one coat of ready mixed paint of Zinc Chromate (IS:104) with DFT of 25-30 microns followed by one coat of Zinc Chrome Red Oxide (IS:2074) with DFT of 25 microns with all material, labour, T&P as a complete job							
2	041091	70.00	MT	7270.32	508922.40	AT Par	508922.40	
	Description:- Extra over item 041090 for working under running traffic/ traffic block (10% of 041090)							
3	081100	700000.00	Track metre	26.08	18256000.00	AT Par	18256000.00	
	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, deweeding on ballast section etc and as directed by Engineer-In charge							
4	061023	250.00	Running Metre	42.84	10710.00	AT Par	10710.00	
	Description:- Removing rail of all types & length from track, laid on any type & density of sleeper by removing fish plates, fastenings & fish bolts and other materials along with keeping released rail and all materials safely on cess, as directed by Engineer in-charge. (cutting & drilling of rail shall be paid separately and work to be done under traffic block & Railway's supervision) - BG Track - For Casual/Scattered Renewal work							
5	061033	250.00	Running Metre	54.40	13600.00	AT Par	13600.00	
	Description:- Insertion of rails of all types & length in track, laid on any type & density of sleeper to the specified gauge. Rates include fastening of rail with sleepers with standard set of fastenings and fixing of fish plates and bolts or, if required, providing gap for welding. (drilling and cutting of rail to be paid separately) - BG Track - For Casual/Scattered Renewal work							
6	061091	200.00	Each	502.70	100540.00	AT Par	100540.00	
	Description:- Replacement of sleepers in track with sleepers lying on cess for casual renewal at isolated locations with all fittings complete to specified gauge & cross level with contractor's tools including packing and dressing of ballast, as directed by Engineer in-charge. Released materials shall be neatly stacked and handed over. - BG Track (PSC to PSC sleepers)							
	061201	50.00	Each	351.38	17569.00	AT Par	17569.00	

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7	Description:- Cutting / cropping of rail of 60Kg - 90 UTS, manually and perfectly vertical with contractor's labor, hacksaw blade and tools & plants - NOTE: 1.Manual cutting should be used only in emergencies with prior permission of sectional ADEN where machine cutting can not be arranged in time. 2. Cutting of Rails with blade and forcing to part by using other means to break the rails is prohibited. 3. Rails should be cut right through hacksaw blades only. - On Cess						
8	061202	50.00	Each	550.56	27528.00	AT Par	27528.00
	Description:- In-situ situation						
9	061203	50.00	Each	105.41	5270.50	AT Par	5270.50
	Description:- Extra to item no. 061201 for cutting 110 UTS rail (30% of relevant item rate)						
10	061204	50.00	Each	165.17	8258.50	AT Par	8258.50
	Description:- Extra to item no. 061202 for cutting 110 UTS rail (30% of relevant item rate)						
11	061211	200.00	Each	221.61	44322.00	AT Par	44322.00
	Description:- Drilling of hole in rail of any section and any UTS, manually (in emergencies only) with contractor's labors, tools & plants, consumables etc. for - Hole of dia. 25mm and above						
12	061222	150.00	Each	145.49	21823.50	AT Par	21823.50
	Description:- Gas cutting of rail of various sections with contractor's tools & plants, as directed by engineer in-charge : - Rail section of 52Kg and above						
13	071220	50000.00	Each	29.98	1499000.00	AT Par	1499000.00
	Description:- Lubrication of Plate/Rail screws of Points and crossings, SEJs, Bridges, Curves etc, including removal of plate/rail screw carefully without breaking the screw, cleaning with wire brush etc both screws and dowel hole applying Railways grease graphite, refixing the screw with spring washer and sealing the top and sides of screw with Railway's grease graphite to prevent ingress of moisture and corrosion with contractors labor, tools all lead and lift complete.						
14	091031	50.00	Each	6371.29	318564.50	AT Par	318564.50
	Description:- 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, labor, 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						
15	Please see Item Breakup for details.				62615.00	AT Par	62615.00
	Description:- Providing Caution Watchman at a rate of one caution watchman per 8 hours shift with prescribed protection equipments from contractor at location where caution order is imposed; (Detonators, Banner Flags / HS Flags will be supplied by Railways) watchman to be on continuous vigil and exhibit necessary hand signals to the trains for their passage over caution spot : [NOTE: 1) The above rate is for one location per day for 3 shifts of 8 hours each. 2) Banner flags and HS flags will be supplied by Railways. Contractor has to arrange 3 cell electric torch and tricolor light. 3) If Contractor fails to post watchman at any time during one day, penalty at double the accepted rates will be levied 4) The watchman nominated by the contractor will be screened for suitability as per Railway norms.]						
16	121272	2000.00	Each	313.08	626160.00	AT Par	626160.00
	Description:- For Half Shift (up to 6 hours)						
17	Please see Item Breakup for details.				421580.00	AT Par	421580.00
	Description:- 131110- Improving track drainage by Shallow Screening of existing ballast under traffic as per Para 227 {2 (a) to (f)} of IRPWM and Para 6.2-IV of LWR Manual, including removing the crib ballast in 50mm to 75mm depth below bottom of sleeper and complete shoulder ballast without breaking core under the bottom of sleeper, to recover clean ballast by screening on wire mesh and disposing off the muck including throwing & leveling, if required beyond minimum 5m from the edge of cutting which are up to 3m deep or alternatively carting it up to 50m for disposing it off beyond cutting or platforms away from the track, as directed by Engineer in-charge including cutting & making up the cess and ensuring proper drainage slope and then re-inserting cleaned ballast into track and compaction of shoulder and crib ballast by wooden mallet and dressing / profiling ballast as per Railway specifications						
18	131202	1000.00	Track metre	79.47	79470.00	AT Par	79470.00

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	Description:- De-stressing of LWR/CWR with contractor's labors, 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 distressing of LWR/CWR. With Contractor's Hydraulic Rail tensor.						
19	131233	300.00	Set	175.14	52542.00	AT Par	52542.00
	Description:- Fixing Joggled Fish Plates with bolt/ clamp (supplied by Railway/Railways) in running track conditions at welds on rail, as directed by engineer in-charge (drilling of holes in rail will be paid separately) - With Clamps.						
20	131300	620000.00	Sleeper	23.21	14390200.00	AT Par	14390200.00
	Description:- Lubrication of ERCs and its liner contact area by removal of ERCs and Metal / GFN liners in rail panel, cleaning of rust / scale of ERC, Metal / GFN liners & SGCI insert by using wire brush, scrapper / sand emery paper etc., supply & provision of anti-corrosive treatment by application of graphite grease, as prescribed by Railway under side of liners & corresponding area of rail foot & SGCI insert with ERCs and re-fixing the same as per Para-628 of Indian Railways Permanent Way Manual.						
21	131330	20000.00	Running Metre	4.72	94400.00	AT Par	94400.00
	Description:- Lubrication of gauge face of rail on sharp curves, cross over's, points & crossings and turn-in curves with contractor's grease graphite of approved quality						
22	131410	250000.00	RM	29.27	7317500.00	AT Par	7317500.00
	Description:- Cleaning & clearing of side drains including disposing of muck beyond Railway boundary as per instructions of Engineer in- charge to keep drains clean and clear in cuttings etc.						
23	131440	300000.00	RM	12.92	3876000.00	AT Par	3876000.00
	Description:- Removing weeds & bushes in ballast section and cess upto 3.5m from centre line of track in section & station yard, as specified by Engineer in-charge including disposal of branches, bushes outside cess/yard						
24	131450	20.00	Each	148.27	2965.40	AT Par	2965.40
	Description:- Trimming of tree branches coming within 4m of centre line of track & those obstructing views of LCs / Signal / Indicator at locations in section & station yard, as specified by Engineer in- charge including disposal of branches, bushes outside cess/yard (Note : Girth of more than 30 cm will only be considered as tree).						
25	131481	14500.00	Each	847.07	12282515.00	AT Par	12282515.00
	Description:- Patrol man for patrolling during cold / hot weather on track for protecting track with all contractor's labor, tools, plants etc. complete as directed by Engineer In charge[NOTE:- 1.The person deployed for patrolling must have the following items:• Valid certificate of competency issued byRailway/Railways.• Medical certificate issued by Railway/Railway fit for A-3 medical category.2.The following equipment will be supplied by Railway/Railways for each patrolman and same to be handed over back to Railway/Railways in good condition:• Detonators - 10 nos. ifused, bursted detonators to be handed over back and report with reasons for use.• Tri color Torch - 1no.• Equipment list to be supplied by Railway/Railway to be mentioned.• Canne -a - boule.(if required)3.The following equipment to be arranged by contractor for each patrol man.H.S.Flags green-1 No (Std size),H.S Flags -Red-2 Nos(Std size),Torch light 3 cell-1 no, Staff for flags-1no,Whistle Thunder- 1no,Protective clothing to withstand climate, Gum boots, Haver sackFor a maximum duration of 8 hrs.						
26	131492	7500.00	Each	1052.26	7891950.00	AT Par	7891950.00
	Description:- Patrol man for monsoon / security patrolling whenever required for protection of track with all contractor's labor, tools and plants etc. complete and as directed by Engineer in-charge and as per IRPWM (for a duration of 12 hours) NOTE:- 1.The person deployed for patrolling must have the following items:• Valid certificate of competency issued by Railway/Railways.• Medical certificate issued by Railway/Railways fit for A-3 medical category.2.The following equipment will be supplied by Railway/Railways per each patrol man and required to be handed over back to Railway/Railways in good condition:• Detonators - 10nos.(in a tin case), if used, bursted detonators to be handed over back with reasons for use.• Tri Color Torch - 1no.• Patrol chart.• Patrol book.3.The following equipment to be arranged by contractor for each patrol man:• H.S.flags green - 1 no.(standard size)• H.S. flags red - 2nos. .(standard size)• Torch (3 cell) - 1no.• Staff for flags - 1no.• Whistle thunder - 1no.protective cloth to withstand the climate Gum boot shaver sack4. Wherever 2 or more tracks are parallel with in track centers 50m. one patrol man will be sufficient.• Wherever the track centers are more than 50m. Separate patrol man to be deputed for each track & extra payment will be made for such case.5. Route KM means including both UP & DN.] For Night shift						
27	Please see Item Breakup for details.				473777.50	AT Par	473777.50
	Description:- Painting of P.Way Reference Post, Structures etc. with enamel paint of approved make with different colors & letters, as directed by Engineer in-charge :-						
	Please see Item Breakup for details.				514464.00	AT Par	514464.00

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28	Description:- 131580 - Painting of Bridge Reference / Boards, Structures etc. along track with enamel paint of approved make with different colors & letters, as directed by Engineer in-charge						
	151300	200.00	Day	1212.17	242434.00	AT Par	242434.00
29	Description:- CSM, Duomatic and 3X Sleeper Tamping Machines: Doing various miscellaneous works for proper upkeep of crew rest van, rest room and tamping machine as directed by machine in-charge (CSM/Duomatic/3X) by : (1) Daily cleaning machine with water jet or any suitable means; (2) Fuelling machine duly bringing diesel / hydraulic oil from stacked drums; (3) Bringing water to staff rest van or staff rest room, cleaning rest van / rest room, cooking food for Track Machine staff or bringing food from outside (cost of food shall be borne by the staff concerned)						
	151311	130000.00	Track metre	34.06	4427800.00	AT Par	4427800.00
30	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 up to 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/Railways(7)Correcting displaced sleepers to position along with 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. For day time block working						
	151321	1.00	Each	22727.95	22727.95	AT Par	22727.95
31	Description:- Pre, during & post tamping operations, as mentioned in Item no. 151310 at level crossing portion along with opening the road, removing and re-fixing of check rails & fittings, renewal of unserviceable sleepers, painting of running rail & check rail, completing road surface to motor able smooth condition after packing is over, as directed. for - Level crossing with CC block surface						
	151330	12000.00	Track metre	109.67	1316040.00	AT Par	1316040.00
32	Description:- Removing and re-fixing of guard Rails over slab bridges during machine packing with all contractor's men and materials duly removing fittings, leading to bridge approaches, lifting, dragging, positioning and crossing of track etc. and as directed by Engineer In charge						
	151351	30.00	Set	14481.84	434455.20	AT Par	434455.20
33	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 up to 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/Railways.(7) Correcting displaced sleepers to position along with 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-1 in 8½ Turnouts						
	151352	100.00	Set	16542.26	1654226.00	AT Par	1654226.00
34	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 up to 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/Railways. (7) Correcting displaced sleepers to position along with 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-1 in 12 Turnouts						
	151355	25.00	Set	10407.35	260183.75	AT Par	260183.75

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35	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 up to 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/Railways.(7) Correcting displaced sleepers to position along with 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-Derailing Switch						
36	Please see Item Breakup for details.		12199.60	AT Par	12199.60		
36	Description:- 171010- Loading of rails of any section and length up to 14 meters in Wagons / Truck / Trailer including lead up to 50 meters and lift up to 5 meters -						
38	Please see Item Breakup for details.		13224.60	AT Par	13224.60		
38	Description:- 171100 - Loading of 52kg / 60kg PSC line and special sleepers up to 2.7 meter length including existing fittings and fastenings in Depot / Station / Mid-section between stations in a neat manner to departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track with free lead up to 250 meter and lift up to 5 meter, if required with contractor's labor, tools & plants, machinery, consumables etc. -						
39	Please see Item Breakup for details.		8400.75	AT Par	8400.75		
39	Description:- 171110 - Loading of 52kg / 60kg PSC line and special sleepers beyond 2.7 meter length including existing fittings and fastenings in Depot / Station / Mid-section between stations in a neat manner to departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track with free lead up to 250 meter and lift up to 5 meter, if required with contractor's labor, tools & plants, machinery, consumables etc. -						
40	Please see Item Breakup for details.		46544.00	AT Par	46544.00		
40	Description:- 171130 - Leading all types of P.Way materials by road vehicles to destination excluding loading / unloading, with contractor's vehicle, crew, consumables, labor, tools & plants etc.						
42	Please see Item Breakup for details.		11025.00	AT Par	11025.00		
42	Description:- 171140 - Unloading of 52kg / 60kg PSC line and special sleepers up to 2.7 meter length in Depot / Station / Mid-section between stations in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 250 meter & lift up to 5 meter with contractor's labor, tools & plants, machinery, consumables etc. -						
43	Please see Item Breakup for details.		30640.50	AT Par	30640.50		
43	Description:- 171150 - Unloading of 52kg / 60kg PSC special sleepers beyond 2.7 meter length in Depot / Station / Mid-section between stations in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 250 meter & lift up to 5 meter with contractor's labor, tools & plants, machinery, consumables etc. -						
46	171160	1000.00	Each	48.54	48540.00	AT Par	48540.00
46	Description:- Spreading of New / SH PSC sleepers along track on either side manually or mechanically including loading, unloading & transportation, if required with lead of every 250m or part thereof up to total lead of 1000m and all lifts						
47	171161	1000.00	Each	26.83	26830.00	AT Par	26830.00
47	Description:- Extra to Item no. 171160 for additional lead of every 500m or part thereof beyond 1 km and up to 3 km with all lift						
48	Please see Item Breakup for details.		30255.00	AT Par	30255.00		
48	Description:- 171200 - Collection and stacking of various P.Way materials at nominated stacking location with serviceable and un-serviceable ones separately within a lead up to 500 meter and lift up to 5 meter including crossing of track(s) wherever necessary as directed by Engineer-in-Charge for						
51	Please see Item Breakup for details.		200995.00	AT Par	200995.00		
51	Description:- 211020 - Erection or removal of temporary Engineering Indicator Board or any other board at specified locations without causing infringement to track etc. complete and as directed.						
53	211220	4800.00	Hour	1284.42	6165216.00	AT Par	6165216.00
53	Description:- Hiring of JCB/Hitachi for leveling and dressing ground/dismantling structures, Removal of jungle, clearing of earth, lowering high cess etc., alongside 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 labor, 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.						

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54	211240	30000.00	Each	22.70	681000.00	AT Par	681000.00	
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.								
55	Lump Sum				2500000.00	AT Par	2500000.00	
Description :- Any Other USSOR items								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-CPWD DSR-2018							1664068.00	
1	16310	2060.00	cum	807.80	1664068.00	AT Par	1664068.00	
Description:- CPWD ITEM 16.3.10 DSR-2018 Supply and stacking at site moorum. (Note:- Stack measurement shall be done as per DSR Specification.)								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule C-NS Item							93287602.00	
1	NS N1	45000.00	cum	448.00	20160000.00	AT Par	20160000.00	
Description:- NS/N-1 Supply and stacking contractor's own locally available quarry rubbish / earth/ mooram as approved by Engineer at places nominated by Engineer - in - charge with contractor's own material, T&Ps, vehicle, labor etc with all leads, lift, taxes, octopi & Royalties etc complete.								
2	NS N2	45000.00	cum	180.00	8100000.00	AT Par	8100000.00	
Description:- NS/N-2 Picking up of quarry rubbish / earth / mooram from stacks available along the track with all lift & lead up to 150M including of track, where ever necessary and spreading uniformly for strengthening of existing embankment as per instructions of Engineer in charge.								
3	NS N3	80000.00	Sqm	7.50	600000.00	AT Par	600000.00	
Description:- NS/N-3 Cutting vetiver / weeds and bushes from track embankment by contractor's disc cutter machine and disposed off the waste material near or outside DFCCIL ROW (Far away from track)as per instruction of Engineer in charge with all lift , lead including crossing of track, if required including patrol, maintenance of machine & Disc etc								
4	NS N4	115000.00	Each	174.48	20065200.00	AT Par	20065200.00	
Description:- NS/N-4 Tamping of track for picking up slacks in concrete sleeper track by Hand Held Off Track Tamper (Engine Mounted Version) to be used in pair of make Atlas Copco/Chakradhar Industries/Laxmi Engineering Works or Equivalent with contractor's manpower, tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Off-track tamper will be as per RDSO Specification No. TM/SM/OTT/321, dated 28.01.2009 * Unit for this item= Each Sleeper								
5	NS N5	2200.00	Day	1458.41	3208502.00	AT Par	3208502.00	
Description:- NS/N-5 Arranging P-Way supervisor to performing duties of Junior Engineer as and when required by the Engineer incharge, for various works under DPM / APM as directed by the Engineer in charge. Necessary safety equipments will be supplied by DFCCIL and same to be handed over back to DFCCIL in good condition NOTE:- 1.The person deployed have sufficient experience of P-Way maintenance or have retired as J.E from railway. 2 - The person deployed for P-Way supervisor / Junior Engineer must have the following items: • Valid certificate of competency issued by DFCCILs. • Medical certificate issued by DFCCIL fit for A-3 medical category. 3 - Helmet, Safety jacket, Manson / winter protective garment, Safety shoes, water bottle etc. will be supplied by the contractor. For a maximum duration of 8 hrs. As per requirement duration of work may be split in 2 parts maximum spell up to 12 hours.								
6	NS N6	7500.00	Day	1012.84	7596300.00	AT Par	7596300.00	

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	Description:- NS/N-6 "Arranging labor for performing duties of a keyman / MTS as and when required by the Engineer incharge,for various works under DPM / APM, with contractor's T&P, equipments, hand signal flags, etc. as per specifications, special conditions and detailed scope of work as furnished in the tender and as directed by the Engineer incharge. NOTE:- 1.The person deployed for patrolling must have the following items: • Valid certificate of competency issued by DFCCILs. • Medical certificate issued by DFCCIL fit for A-3 medical category. 2.The following equipment will be supplied by DFCCILs for each patrolman and same to be handed over back to DFCCILs in good condition: • Detonators - 10 nos. if used, bursted detonators to be handed over back and report with reasons for use + rail piece of specify size. 3 - Tools and plants includes - Helmet, Safety jacket, Mansoon / winter protective garment, Safety shoes, two red and one green H.S.flag of standard size, staff for flag - 01 no, whistle thunder - 01 no, haver sack, spanner-01 & hammer-01 of required size, water bottle etc shall be provided by DFCCIL on free issue basis For a maximum duration of 8 hrs. As per requirement duration of work may be split in 2 parts maximum spell up to 12 hours."						
7	NS N7	120.00	Per Month	248107.50	29772900.00	AT Par	29772900.00
	Description:- NS/N-7 Maintenance of track on main line & loops, Points & crossings etc. including special attention to section for carrying out various maintenance works listed in Indian DFCCILs P.Way Manual / Bridge Manual / LWR Manual for safe running of goods and passenger trains with contractor's tools / labours etc. complete, as directed by Engineer in-charge. {Note : (1) Contractor shall arrange one gang at any point of time comprising of minimum 7 labours with sufficient experience in P.Way working and one P.Way Supervisor. (2) In case, contractor provides less no. of Labour / Supervisor, payment will be deducted @ 10% of the accepted rate per person per day}						
8	NS N8	26000.00	cum	41.62	1082120.00	AT Par	1082120.00
	Description:- NS/N-8Unloading of ballast from Railway's/DFCCIL Hopper Wagons under block condition including taking out jammed ballast from hopper gates as per need and manually emptying out of ballast if due to some condition it remains in hopper only. emptying out of ballast shall be done in yard or as per instructions of engineer in charge						
9	NS N9	3000.00	cum	810.00	2430000.00	AT Par	2430000.00
	Description:- Supplying & Stacking stone boulders weighing 20kg to 35 kg with minimum dimension not less than 15 Cm at specified locations along DFC track/ in depot as desired by Engineer in charge/his representative. The rate includes cost of all labour, material, all lead, lift, T&P, C&P, Taxes, GST etc. The rate also includes cost for crossing of track nalla, ascents, descents or any other obstructions to be met with as a complete job. Note:- (i) Deduction for voids will be made at the rate of 15 % from stake measurement. (ii) The payment will be made on the basis of stack measurement.						
10	NS N10	15400.00	Numbers	17.70	272580.00	AT Par	272580.00
	Description:- NS/N-10 Supplying empty HDPE bag of 750mm x 350mm at specified locations as desired by Engineer incharge/his representative including cost of all lead, lift, labour, material, T&P, C&P, Taxes, GST etc. The rate also includes cost for crossing of track nalla, ascents, descents or any other obstructions to be met with as a complete job.						

3. ITEM BREAKUP

Schedule	Schedule A-USSOR-2019					
Item- 15	Providing Caution Watchman at a rate of one caution watchman per 8 hours shift with prescribed protection equipments from contractor at location where caution order is imposed; (Detonators, Banner Flags / HS Flags will be supplied by Railways) watchman to be on continuous vigil and exhibit necessary hand signals to the trains for their passage over caution spot : [NOTE: 1) The above rate is for one location per day for 3 shifts of 8 hours each. 2) Banner flags and HS flags will be supplied by Railways. Contractor has to arrange 3 cell electric torch and tricolor light. 3) If Contractor fails to post watchman at any time during one day, penalty at double the accepted rates will be levied 4) The watchman nominated by the contractor will be screened for suitability as per Railway norms.]					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	121271	For One Shift	Each	100.00	626.15	62615.00
					Total	62615.00
Item- 17	131110- Improving track drainage by Shallow Screening of existing ballast under traffic as per Para 227 {2 (a) to (f)} of IRPWM and Para 6.2-IV of LWR Manual, including removing the crib ballast in 50mm to 75mm depth below bottom of sleeper and complete shoulder ballast without breaking core under the bottom of sleeper, to recover clean ballast by screening on wire mesh and disposing off the muck including throwing & leveling, if required beyond minimum 5m from the edge of cutting which are up to 3m deep or alternatively carting it up to 50m for disposing it off beyond cutting or platforms away from the track, as directed by Engineer in-charge including cutting & making up the cess and ensuring proper drainage slope and then re-inserting cleaned ballast into track and compaction of shoulder and crib ballast by wooden mallet and dressing / profiling ballast as per Railway specifications					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	131111	For Sleeper Density of 1540 sleepers/Km or more	Track metre	2000.00	210.79	421580.00
					Total	421580.00
Item- 27	Painting of P.Way Reference Post, Structures etc. with enamel paint of approved make with different colors & letters, as directed by Engineer in-charge :-					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	131561	KM post & gradient	Each	700.00	77.87	54509.00
2	131562	Hecto meter post	Each	3500.00	87.23	305305.00
3	131566	Curve post	Each	800.00	86.92	69536.00
4	131569	Curve Board	Each	250.00	132.59	33147.50
5	131570	Curve details	Each	250.00	45.12	11280.00
					Total	473777.50
Item- 28	131580 - Painting of Bridge Reference / Boards, Structures etc. along track with enamel paint of approved make with different colors & letters, as directed by Engineer in-charge					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	131582	Bridge Tablet	Each	800.00	38.78	31024.00
2	131584	HFL DL	Each	800.00	604.30	483440.00
					Total	514464.00
Item- 36	171010- Loading of rails of any section and length up to 14 meters in Wagons / Truck / Trailer including lead up to 50 meters and lift up to 5 meters -					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	171012	In wagons not involving traffic block or on lines not opened to traffic but handling by mechanical means is not possible	MT	168.28	40.00	6731.20
2	171013	In Wagon under traffic block where mechanical handling is possible	MT	40.00	136.71	5468.40
					Total	12199.60
Item- 38	171100 - Loading of 52kg / 60kg PSC line and special sleepers up to 2.7 meter length including existing fittings and fastenings in Depot / Station / Mid-section between stations in a neat manner to departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track with free lead up to 250 meter and lift up to 5 meter, if required with contractor's labor, tools & plants, machinery, consumables etc. -					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	171104	In Wagon where mechanical handling is possible and traffic block is not required or in Truck / Trailer	MT	135.00	97.96	13224.60
					Total	13224.60
Item- 39	171110 - Loading of 52kg / 60kg PSC line and special sleepers beyond 2.7 meter length including existing fittings and fastenings in Depot / Station / Mid-section between stations in a neat manner to departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track with free lead up to 250 meter and lift up to 5 meter, if required with contractor's labor, tools & plants, machinery, consumables etc. -					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	171114	In Wagon/Truck / Trailer where mechanical handling is possible and traffic block is not required.	MT	75.00	112.01	8400.75
					Total	8400.75
Item- 40	171130 - Leading all types of P.Way materials by road vehicles to destination excluding loading / unloading, with contractor's vehicle, crew, consumables, labor, tools & plants etc.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	171131	Leading all types of P-Way material Lead up to 10 KM	MT	400.00	101.06	40424.00
2	171132	Extra item on item no 171131 for every 5 KM . Lead up to 100 KM	MT	200.00	30.60	6120.00

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						Total	46544.00	
Item- 42	171140 - Unloading of 52kg / 60kg PSC line and special sleepers up to 2.7 meter length in Depot / Station / Mid-section between stations in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 250 meter & lift up to 5 meter with contractor's labor, tools & plants, machinery, consumables etc. -							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	171143	From Truck / Trailer	MT	150.00	73.50	11025.00		
						Total	11025.00	
Item- 43	171150 - Unloading of 52kg / 60kg PSC special sleepers beyond 2.7 meter length in Depot / Station / Mid-section between stations in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 250 meter & lift up to 5 meter with contractor's labor, tools & plants, machinery, consumables etc. -							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	171151	During period of traffic block	MT	75.00	192.36	14427.00		
2	171152	Not involving traffic block or on lines, not opened to traffic	MT	75.00	132.73	9954.75		
3	171153	From Truck / Trailer	MT	75.00	83.45	6258.75		
						Total	30640.50	
Item- 48	171200 - Collection and stacking of various P.Way materials at nominated stacking location with serviceable and un-serviceable ones separately within a lead up to 500 meter and lift up to 5 meter including crossing of track(s) wherever necessary as directed by Engineer-in-Charge for							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	171201	Rails	MT	30.00	321.00	9630.00		
2	171202	PSC sleeper	MT	30.00	351.64	10549.20		
3	171203	P-Way fittings	MT	30.00	335.86	10075.80		
						Total	30255.00	
Item- 51	211020 - Erection or removal of temporary Engineering Indicator Board or any other board at specified locations without causing infringement to track etc. complete and as directed.							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	211021	For erection	Each	500.00	220.83	110415.00		
2	211022	For removal	Each	500.00	181.16	90580.00		
						Total	200995.00	

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

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Technical Eligibility Criteria The tenderer must have successfully or substantially* completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works, each costing not less than the amount equal to 30% of advertised value of the tender, OR Two similar works, each costing not less than the amount equal to 40% of advertised value of the tender, OR One similar work, each costing not less than the amount equal to 60% of advertised value of the tender. Note: "The similar nature of work is defined is "Any Railway Track Work" *To be read along with 15.8	No	No	Allowed (Mandatory)

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading

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1	Financial Eligibility Criteria: The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-E (Mandatory), along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet. Note: Client certificate from other than Govt Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India. As per Clause No. 10.2 of Tender Form (second Sheet) of Annex. I of Part-I of GCC APRIL-2022, with up to date correction slip.	No	No	Allowed (Mandatory)
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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.

Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As mentioned in Tender Document.	No	No	Not Allowed

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As mentioned in 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)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As mentioned in Tender Document.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As mentioned in Tender Document.	No	No	Not Allowed

Technical-Compliances

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

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed
2	As mentioned in Tender Document.	No	No	Not Allowed

6. Documents attached with tender

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S.No.	Document Name	Document Description
1	TenderMD-Mj.pdf	Tender Document

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: VIPIN PARIHAR

Designation : DYPMHQ