

Tender No:	BRC-EN-T-M-NMKP-SACHIN133	Dept/Rly:	WD FC FIELD UNIT-VADODARA-CIVIL/WD FC	Closing Date/Time:	06/07/2023 15:00
Tender Title:	Track Maintenance including miscellaneous P.Way, other ancillary works & procurement of P.Way T&P items in New Makarpura -Sachin Section in the jurisdiction of CGM/BRC (For 2 Year).			Tender Type:	Open

GM/Co/BRC acting for and on behalf of The President of India invites E-Tenders against Tender No BRC-EN-T-M-NMKP-SACHIN133 closing date 06/07/2023 15:00. 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.

NIT HEADER

Name of Work	Track Maintenance including miscellaneous P.Way, other ancillary works & procurement of P.Way T&P items in New Makarpura -Sachin Section in the jurisdiction of CGM/BRC (For 2 Year).		
Bidding Type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet
Tender Closing Date Time	06/07/2023 15:00	Date Time Of Uploading Tender	05/06/2023 17:32
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value (Rs.)	142228163.07	Tendering Section	CIVIL
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	2844600.00 (Editable)	Validity of Offer (Days)	120
Tender Doc. Cost (Rs.)	0.00	Period of Completion	24 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	22/06/2023	Are Joint Venture (JV) firms allowed to bid	Yes
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Revenue

SCHEDULE

SNo.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Amount	Bidding Unit
Schedule 1-A (Item Directory - WR-HQ-IRUSSOR-2019-1-Ver-1)							124805072.81	
1	081130	2000.00	cum	153.14	306280.00	(-) 5.00	290966.00	
	Description: Leading and loading Railway's Ballast collected at yard / depot / mid-section into Railway's covered wagon, using any approved method with all ascents, descents, taxes etc. with lead of 250m & all lifts complete, as per specifications and as directed by Engineer in-charge							
2	081160	2000.00	cum	135.64	271280.00	(-) 5.00	257716.00	
	Description: Unloading of Ballast from Railway's wagons other than Hopper wagons by opening the doors of boxes and pulling & pushing down ballast with rake irons / phowrahs and distributing unloaded ballast uniformly over the track and profiling and boxing as per P.Way manual {it also includes taking out jammed ballast}							
3	081051	5000.00	cum	133.51	667550.00	(-) 5.00	634172.50	
	Description: 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							
4	081052	2000.00	Each	35.14	70280.00	(-) 5.00	66766.00	
	Description: 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} 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.							
5	081053	1000.00	Each	29.43	29430.00	(-) 5.00	27958.50	
	Description: 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} Extra to item no. 081051 for each additional lift of 2m or part thereof when total lift exceeds 5m for each Cum.							
6	061023	2000.00	Running Metre	50.64	101280.00	(-) 5.00	96216.00	
	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 alongwith 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							
7	061033	2000.00	Running Metre	64.33	128660.00	(-) 5.00	122227.00	

									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
8	061091	2000.00	Each	595.68	1191360.00	(-) 5.00	1131792.00		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)
9	061150	1881710.00	Each	3.79	7131680.90	(-) 5.00	6775096.86		Description: Lubrication of Elastic Rail Clips on PSC sleepers with contractor's grease, conforming to Railway's specifications, labour etc. complete as per Para 1411 (5)(b) of IR P.Way Manual
10	061201	200.00	Each	408.24	81648.00	(-) 5.00	77565.60		Description: Cutting / cropping of rail of 60Kg - 90 UTS, manually and perfectly vertical with contractor's labour, 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
11	061202	100.00	Each	645.55	64555.00	(-) 5.00	61327.25		Description: Cutting / cropping of rail of 60Kg - 90 UTS, manually and perfectly vertical with contractor's labour, 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. In-situ situation
12	061203	100.00	Each	122.47	12247.00	(-) 5.00	11634.65		Description: Cutting / cropping of rail of 60Kg - 90 UTS, manually and perfectly vertical with contractor's labour, 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. Extra to item no. 061201 for cutting 110 UTS rail (30% of relevant item rate)
13	061204	100.00	Each	193.67	19367.00	(-) 5.00	18398.65		Description: Cutting / cropping of rail of 60Kg - 90 UTS, manually and perfectly vertical with contractor's labour, 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. Extra to item no. 061202 for cutting 110 UTS rail (30% of relevant item rate)
14	061211	200.00	Each	292.58	58516.00	(-) 5.00	55590.20		Description: Drilling of hole in rail of any section and any UTS, manually (in emergencies only) with contractor's labours, tools & plants, consumables etc. for - Hole of dia. 25mm and

			above					
15	061222	200.00	Each	182.12	36424.00	(-) 5.00	34602.80	
	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							
16	091031	100.00	Each	7697.86	769786.00	(-) 5.00	731296.70	
	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, 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							
17	091041	100.00	Each	3064.59	306459.00	(-) 5.00	291136.05	
	Description: 25mm gap 'in-situ' welding and finishing of rail joints as per IR's AT Welding Manual under traffic block with Railway's welding portion under Railway's supervision by contractor's competent welder and other skilled labour, including consumables tools & equipments. Item includes use of weld trimmer and & grinding of weld, finished to meet the weld tolerances . Only welding portion and related consumables, e.g. Single shot crucible/Conventional Crucible, mould shoes, pre-fabricated dry mould, luting sand, closing pin, asbestos powder, igniter, thimble and magnesite powder as per method of welding will be supplied by Railways. All other tools, equipments etc. including fuel for pre-heating will be arranged by contractor. Item also includes anti corrosive painting to weld & marking of weld 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							
18	111080	11336.00	Running Metre	115.87	1313502.32	(-) 5.00	1247827.20	
	Description: Earthwork for repairing to cess by cutting or raising of existing cess upto 4 metre 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.]							
19	111090	2000.00	cum	399.11	798220.00	(-) 5.00	758309.00	
	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-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.							
20	131111	2000.00	Track metre	250.40	500800.00	(-) 5.00	475760.00	
	Description: 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 upto 3m deep or alternatively carting it upto 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 For Sleeper Density of 1540 sleepers/Km or more
21	131202	40000.00	Track metre	93.11	3724400.00	(-) 5.00	3538180.00	<p>Description: 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</p>
22	131203	10000.00	Track metre	82.55	825500.00	(-) 5.00	784225.00	<p>Description: 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 Without Rail tensor</p>
23	131231	150.00	Set	143.04	21456.00	(-) 5.00	20383.20	<p>Description: Fixing Joggled Fish Plates with bolt / clamp (supplied by Railway) in running track conditions at welds on rail, as directed by engineer in-charge (drilling of holes in rail will be paid separately) : With 2 bolts</p>
24	131233	150.00	Set	208.65	31297.50	(-) 5.00	29732.63	<p>Description: Fixing Joggled Fish Plates with bolt / clamp (supplied by Railway) 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</p>
25	131270	1878.00	Day	17248.69	32393039.82	(-) 5.00	30773387.83	<p>Description: Maintenance of track on main line & loops, Points & crossings etc. including special attention to section for carrying out various maintenance works listed in Indian Railways 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 20 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}</p>
26	131410	160000.00	Running Metre	34.86	5577600.00	(-) 5.00	5298720.00	

									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.
27	131421	10000.00	Sqm	45.72	457200.00	(-) 5.00	434340.00		Description: Removal of all types of muck / malba and garbage which includes waste material, animal carcass, cow dung, debris, sweepings etc. from track and dumping / throwing, as directed by engineer in-charge following all rules / regulations of State / Central Govt. and Authorised Bodies : In case payment is based on area cleaned
28	131430	283390.00	Track metre	41.03	11627491.70	(-) 5.00	11046117.12		Description: De-weeding, uprooting of weeds / jungle etc. and dressing including scarifying ballast in entire profile upto toe of ballast on track
29	131450	2000.00	Each	176.63	353260.00	(-) 5.00	335597.00		Description: Trimming of tree branches coming within 4m of centre line of track & those obstructing views of Curves/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)
30	131481	21800.00	Each	761.29	16596122.00	(-) 5.00	15766315.90		Description: Patrol man for patrolling during cold / hot weather on track for protecting track with all contractor's labour, 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 by Railways. - Medical certificate issued by Railway fit for A-3 medical category. 2.The following equipment will be supplied by Railways for each patrolman and same to be handed over back to Railways in good condition: - Detonators - 10 nos. if used, bursted detonators to be handed over back and report with reasons for use. - Tri colour Torch - 1no. - Equipment list to be supplied by 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 sack] For a maximum duration of 8 hrs.
31	131491	5000.00	Each	761.29	3806450.00	(-) 5.00	3616127.50		Description: Patrol man for monsoon / security patrolling whenever required for protection of track with all contractor's labour, 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 Railways. - Medical certificate issued by Railway fit for A-3 medical category. 2.The following equipment will be supplied by Railways per each patrol man and required to be handed over back to Railways in good condition: - Detonators - 10nos.(in a tin case), if used, bursted detonators to be handed over back with reasons for use. - Tri Colour Torch - 1no. - Patrol chart. - Patrol book. 3.The following equipment to be arranged by contractor for each patrol man: - H.S.flags green - 1no.(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 boots Haver sack 4. Wherever 2 or more tracks are parallel with in track centres 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 Day shift
32	131492	10000.00	Each	946.59	9465900.00	(-) 5.00	8992605.00		

	<p>Description: Patrol man for monsoon / security patrolling whenever required for protection of track with all contractor's labour, 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 Railways. - Medical certificate issued by Railway fit for A-3 medical category. 2.The following equipment will be supplied by Railways per each patrol man and required to be handed over back to Railways in good condition: - Detonators - 10nos.(in a tin case), if used, bursted detonators to be handed over back with reasons for use. - Tri Colour Torch - 1no. - Patrol chart. - Patrol book. 3.The following equipment to be arranged by contractor for each patrol man: - H.S.flags green - 1no.(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 boots Haver sack 4. Wherever 2 or more tracks are parallel with in track centres 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</p>							
33	131530	5000.00	Running Metre	133.92	669600.00	(-) 5.00	636120.00	
	<p>Description: Anti-corrosive painting of rail on running track on web, foot etc. including liner contact area (excluding bottom of foot) and fishing plane as per requirement with two coats of bituminous emulsion without mica (IP No. 56192 and RDSO Specification No. IRS-P-30-1996) of reputed make including surface preparation, i.e. cleaning with wire brush / sand paper as a complete job as per Para 250 of Indian Railways Permanent Way Manual .Note : 60% of payment shall be made if painting on one side is done</p>							
34	131561	500.00	Each	92.72	46360.00	(-) 5.00	44042.00	
	<p>Description: Painting of P.Way Reference Post, Structures etc. with enamel paint of approved make with different colours & letters, as directed by Engineer in-charge : Kilometre & Gradient post</p>							
35	131562	500.00	Each	105.43	52715.00	(-) 5.00	50079.25	
	<p>Description: Painting of P.Way Reference Post, Structures etc. with enamel paint of approved make with different colours & letters, as directed by Engineer in-charge : Hectometre Post</p>							
36	151250	60.00	Day	1442.30	86538.00	(-) 5.00	82211.10	
	<p>Description: Carrying out various miscellaneous works for proper upkeep of crew rest van / rest room, as directed by machine in-charge (BRM) by : (1) Bringing water from nearby source and cleaning machine with water jet or any suitable means; (2) Fuelling machine duly bringing diesel / hydraulic oil from the 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; (4) Guarding & watching machines, spare parts, oils, grease etc. during day and night time at all locations, wherever necessary, as instructed by the machine in-charge; (5) Cooking food for Track Machine staff or bringing food from outside (cost of food shall be borne by the staff concerned)</p>							
37	151311	226712.00	Track metre	40.29	9134226.48	(-) 5.00	8677515.16	
	<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</p>							

									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 refixing 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. (a) For day time block working
38	151312	56678.00	Track metre	48.33	2739247.74	(-) 5.00	2602285.35		<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 refixing 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. (b) For night time block working</p>
39	151321	2.00	Each	26934.16	53868.32	(-) 5.00	51174.90		<p>Description: Pre, during & post tamping operations, as mentioned in Item no. 151310 at level crossing portion alongwith 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 motorable smooth condition after packing is over, as directed for - (a) Level crossing with CC block surface</p>
40	151351	8.00	Set	17111.82	136894.56	(-) 5.00	130049.83		<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 - 1 in 8.5 Turnouts</p>
41	151352	83.00	Set	19425.38	1612306.54	(-) 5.00	1531691.21		<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,</p>

									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 - 1 in 12 Turnouts
42	151355	8.00	Set	12257.32	98058.56	(-) 5.00	93155.63		<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 - Derailing Switch</p>
43	151430	200.00	Hour	205.92	41184.00	(-) 5.00	39124.80		<p>Description: Providing lighting arrangement during night traffic block, to be availed as per instructions of engineer in-charge. Scope of work includes contractor's inflatable emergency tower light two nos. of 400 watt, metal hallide lamp, 2.5 kVA petrol engine of 3 hp each with two plugs for halogen each for provision of light at work site. Maintenance of complete unit shall be with contractor's men, materials, equipments and consumables. {Payment shall be made only for that day on the basis of hours utilised when Railway's site engineer actually puts up his requirement. Also, standby arrangement shall be ensured by contractor for any eventuality of failure} NOTE: In case of tunnels, specific instructions of ADEN to be taken to operate this item in day light working.</p>
44	151440	200.00	Hour	660.00	132000.00	(-) 5.00	125400.00		<p>Description: Providing lighting arrangements for about 100 meters length for block working during night time involving arranging 2.5 kVA generator, 40 CFL / tube lights of 40 Watts (approx.) each fixed to the bullies at required locations on both sides of track including cost of consumables, such as diesel and engine oil etc. with all contractor's labour, tools, plants, machinery, electric wire, switches and connected materials etc. including shifting of generators after each block, all lead and lift complete and as directed by the Engineer in-charge</p>
45	151330	3000.00	Track metre	130.65	391950.00	(-) 5.00	372352.50		<p>Description: Removing and refixing 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</p>
46	171230	96.00	Per Month	55600.68	5337665.28	(-) 5.00	5070782.02		<p>Description: Hiring and operating Multi-Utility vehicle of loading capacity one MT with sitting capacity of 4/6 persons, 4 strokes, 4 cylinders engine, factory-built metal body, cargo box</p>

									type or passenger cabin type or both (with 24 hours availability), including cost of fuel, lubricants, major/minor repairs, salary of driver, toll tax, all other tax complete, operation and maintenance including running upto 1200 km in a month. The vehicle shall run on pucca, kutcha road and along the track. The contractor shall arrange road permit for vehicles for all the States of operation, as per instructions of engineer in-charge and vehicle shall not be more than three years old. NOTE: This item to be executed through Special tender.
47	171231	9600.00	Kilometre	7.54	72384.00	(-) 5.00	68764.80		Description: Hiring and operating Multi-Utility vehicle of loading capacity one MT with sitting capacity of 4/6 persons, 4 strokes, 4 cylinders engine, factory-built metal body, cargo box type or passenger cabin type or both (with 24 hours availability), including cost of fuel, lubricants, major/minor repairs, salary of driver, toll tax, all other tax complete, operation and maintenance including running upto 1200 km in a month. The vehicle shall run on pucca, kutcha road and along the track. The contractor shall arrange road permit for vehicles for all the States of operation, as per instructions of engineer in-charge and vehicle shall not be more than three years old. NOTE: This item to be executed through Special tender. Extra over item No 171230 for every additional Km or part there of over 1200 Km in a month
48	171011	100.00	MT	288.55	28855.00	(-) 5.00	27412.25		Description: Loading of rails of any section and length upto 14 metres in Wagons / Truck / Trailor including lead upto 50 metres and lift upto 5 metres - In wagons during period of traffic block where handling by mechanical means is not possible
49	171012	100.00	MT	198.32	19832.00	(-) 5.00	18840.40		Description: Loading of rails of any section and length upto 14 metres in Wagons / Truck / Trailor including lead upto 50 metres and lift upto 5 metres - In wagons not involving traffic block or on lines not opened to traffic but handling by mechanical means is not possible
50	171014	100.00	MT	121.57	12157.00	(-) 5.00	11549.15		Description: Loading of rails of any section and length upto 14 metres in Wagons / Truck / Trailor including lead upto 50 metres and lift upto 5 metres - In Wagon where mechanical handling is possible and traffic block is not required or in Truck/Trailor.
51	171031	20.00	MT	283.99	5679.80	(-) 5.00	5395.81		Description: Loading of tongue rail, stock rail, switch assembly and crossings of any section and length, SEJ,Glued joint etc. with / without P.way fittings and fastenings, in Wagon / Truck / Trailor including lead upto 250 metre and lift upto 5 metre - In wagons during period of traffic block where handling by mechanical means is not possible
52	171032	20.00	MT	189.59	3791.80	(-) 5.00	3602.21		Description: Loading of tongue rail, stock rail, switch assembly and crossings of any section and length, SEJ,Glued joint etc. with / without P.way fittings and fastenings, in Wagon / Truck / Trailor including lead upto 250 metre and lift upto 5 metre - In wagons not involving traffic block or on lines, not opened to traffic but handling by mechanical means is not possible
53	171042	50.00	MT	57.37	2868.50	(-) 5.00	2725.07		Description: Loading, unloading and hauling of 52Kg / 60Kg rail upto 13 metre length by Railway's Rail Dolly / Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and all lift upto 5 metre during block period Extra to

	Items no. 171040 & 171041 for lead beyond 1 Km for every subsequent Km or part thereof and upto 10 Km							
54	171040	100.00	MT	398.97	39897.00	(-) 5.00	37902.15	
	Description: Loading, unloading and hauling of 52Kg / 60Kg rail upto 13 metre length by Railway's Rail Dolly / Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and all lift upto 5 metre during block period							
55	171041	100.00	MT	143.96	14396.00	(-) 5.00	13676.20	
	Description: Loading, unloading and hauling of 52Kg / 60Kg rail upto 13 metre length by Railway's Rail Dolly / Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and all lift upto 5 metre during block period Extra to Item no. 171040 for lead beyond 500 metre and up to 1 Km							
56	171050	50.00	MT	466.24	23312.00	(-) 5.00	22146.40	
	Description: Loading, unloading and hauling of 52Kg / 60Kg rail more than 13 metre and upto 39 metre length by Railway's Rail Dolly / Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and lift upto 5 metre.							
57	171051	50.00	MT	189.42	9471.00	(-) 5.00	8997.45	
	Description: Loading, unloading and hauling of 52Kg / 60Kg rail more than 13 metre and upto 39 metre length by Railway's Rail Dolly / Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and lift upto 5 metre. Extra to Item no. 171050 for lead beyond 500 metre and up to 1 Km							
58	171052	50.00	MT	60.45	3022.50	(-) 5.00	2871.38	
	Description: Loading, unloading and hauling of 52Kg / 60Kg rail more than 13 metre and upto 39 metre length by Railway's Rail Dolly / Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and lift upto 5 metre. Extra to Items no. 171050 & 171051 for lead beyond 1 Km for every subsequent Km or part thereof and upto 10 Km							
59	171061	50.00	MT	171.12	8556.00	(-) 5.00	8128.20	
	Description: Unloading of rails of any section and length upto 13 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer including lead upto 250 metre, lift upto 5 metre and stacking in prescribed manner - In wagons during period of traffic block where handling by mechanical means is not possible							
60	171062	50.00	MT	110.31	5515.50	(-) 5.00	5239.73	
	Description: Unloading of rails of any section and length upto 13 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer including lead upto 250 metre, lift upto 5 metre and stacking in prescribed manner - In wagons not involving traffic block or on lines, not opened to traffic but handling by mechanical means is not possible							
61	171071	50.00	MT	162.27	8113.50	(-) 5.00	7707.82	
	Description: Unloading of rails of any section and length from 13 metre to 39 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's							

	Truck/Trailer including lead upto 50 metre and lift upto 5 metre - During period of traffic block							
62	171072	50.00	MT	121.98	6099.00	(-) 5.00	5794.05	
	Description: Unloading of rails of any section and length from 13 metre to 39 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer including lead upto 50 metre and lift upto 5 metre - Not involving traffic block or in lines not opened to traffic							
63	171101	100.00	MT	257.26	25726.00	(-) 5.00	24439.70	
	Description: Loading of 52kg / 60kg PSC line and special sleepers upto 2.7 metre 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 upto 250 metre and lift upto 5 metre, if required with contractor's labour, tools & plants, machinery, consumables etc. - In wagons during period of traffic block where handling by mechanical means is not possible							
64	171102	100.00	MT	180.12	18012.00	(-) 5.00	17111.40	
	Description: Loading of 52kg / 60kg PSC line and special sleepers upto 2.7 metre 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 upto 250 metre and lift upto 5 metre, if required with contractor's labour, tools & plants, machinery, consumables etc. - In wagons not involving traffic block or on lines, not opened to traffic but handling by mechanical means is not possible							
65	171120	100.00	MT	308.67	30867.00	(-) 5.00	29323.65	
	Description: Loading, unloading and hauling of PSC Sleepers of 52Kg / 60Kg by Railway's Rail Dolly/ Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and all lift upto 5 metre.							
66	171121	100.00	MT	119.75	11975.00	(-) 5.00	11376.25	
	Description: Loading, unloading and hauling of PSC Sleepers of 52Kg / 60Kg by Railway's Rail Dolly/ Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and all lift upto 5 metre. Extra to Item no. 171120 for lead beyond 500 metre and up to 1 Km							
67	171122	50.00	MT	35.86	1793.00	(-) 5.00	1703.35	
	Description: Loading, unloading and hauling of PSC Sleepers of 52Kg / 60Kg by Railway's Rail Dolly/ Dip Lorry to the nominated location under traffic in case road carriage is not possible with lead upto 500 metre and all lift upto 5 metre. Extra to Items no. 171120 & 171121 for lead beyond 1 Km for every subsequent Km or part thereof and upto 10 Km							
68	181082	500.00	Sqm	842.10	421050.00	(-) 5.00	399997.50	
	Description: Overhauling of level crossing including digging out upto 50mm below sleeper, screening of shoulder & crib ballast, making good ballast with Railway's ballast from stacks / heaps, replacing worn out sleepers & fastenings, check rails including scrapping of rails and tarring with two coats with contractor's coal tar, correcting crosslevel, gauge, alignment, surfacing and packing etc., filling back ballast, ramming & levelling road surface and							

									fixing concrete slabs excluding coal tarring of road, as directed by Engineer in-charge Level crossings with concrete blocks road surface
	191300	2500.00	Metre	220.79	551975.00	(-) 5.00	524376.25		
69	<p>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)</p>								
	201116	14.00	Each	5257.93	73611.02	(-) 5.00	69930.47		
70	<p>Description: Manufacturing, fabricating and supplying retro-reflective sign boards, made of 2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm x 35mm x 5mm to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed Caution Indicator Board</p>								
	201117	42.00	Each	4490.65	188607.30	(-) 5.00	179176.93		
71	<p>Description: Manufacturing, fabricating and supplying retro-reflective sign boards, made of 2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm x 35mm x 5mm to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed Speed Indicator Board</p>								
	201118	14.00	Each	5257.93	73611.02	(-) 5.00	69930.47		
72	<p>Description: Manufacturing, fabricating and supplying retro-reflective sign boards, made of 2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm x 35mm x 5mm to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed Stop Indicator Board</p>								
73	201119	14.00	Each	6708.62	93920.68	(-) 5.00	89224.65		

	<p>Description: Manufacturing, fabricating and supplying retro-reflective sign boards, made of 2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm x 35mm x 5mm to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed Termination Indicator Board</p>							
74	211011	25.00	Each	326.93	8173.25	(-) 5.00	7764.59	
	<p>Description: Fixing MS Indicator Boards as per standard design including excavation, refilling, concreting in foundation and painting with enamel and luminous paints as directed by Engineer in-charge Notes : (1) Supply of steel for posts & boards shall be paid separately; (2) Excavation & concrete work will be paid separately} - Boards with single post</p>							
75	211012	25.00	Each	339.37	8484.25	(-) 5.00	8060.04	
	<p>Description: Fixing MS Indicator Boards as per standard design including excavation, refilling, concreting in foundation and painting with enamel and luminous paints as directed by Engineer in-charge Notes : (1) Supply of steel for posts & boards shall be paid separately; (2) Excavation & concrete work will be paid separately} - Boards with two posts</p>							
76	211021	200.00	Each	262.97	52594.00	(-) 5.00	49964.30	
	<p>Description: 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 For erection</p>							
77	211022	200.00	Each	215.68	43136.00	(-) 5.00	40979.20	
	<p>Description: 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 For removal</p>							
78	211220	300.00	Hour	1284.42	385326.00	(-) 5.00	366059.70	
	<p>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.</p>							
79	211230	6300.00	Day	727.84	4585392.00	(-) 5.00	4356122.40	
	<p>Description: Arranging labour as and when required by the Engineer incharge,for various works under SSE/P.Way, 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 ; For the paying quantity, a total of 12 hours duty of a</p>							

	man will be counted as one manday and nothing extra shall be payable for night working. However, in a day, total working hours shall not exceed 12 hours. In case, working hours exceed 12 hours, separate manday shall be counted. Note :- Location shall be identified in advance.100% test check in advance to be done by concerned ADEN as a proof of identification and got signed by him.							
80	211240	10000.00	Each	25.77	257700.00	(-) 5.00	244815.00	
	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.							
81	211180	10000.00	Sqm	0.62	6200.00	(-) 5.00	5890.00	
	Description: Supplying and spraying in specified proportion Weedicide Chemical, capable to kill entire weed on track / cess / embankment with all labour, material, tools & plants etc. complete job in all respect. Scientific name of the chemical is Isopropylamine Salt of Glyphosate, in which active ingredient is Glyphosate (41%), colour is light amber to brownish, very low in toxicity and has favourable enviremental characteristics. It will be ensured that no weed growth occurs upto six months period, otherwise respraying shall be done by the contractor							
82	Lump Sum				5000000.00	(-) 5.00	4750000.00	
	Description: Any other items of WR USSOR-2019							
SNo.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Amount	Bidding Unit
Schedule 2-B (Item Directory - Not Applicable)							17423090.26	
1	NS1	1.00	Set	424800.00	424800.00	At Par	424800.00	
	Description: Improvised Gantry (hand pushed) for carting sleepers etc. having moving capably on Rail & Cess (approx. length 12 feet)(1 set consists 2 pieces)							
2	NS2	10.00	Numbers	17464.00	174640.00	At Par	174640.00	
	Description: Wheel Barrow for carting ballast with moving capability on Rail.							
3	NS3	4.00	Numbers	21501.67	86006.68	At Par	86006.68	
	Description: Tent for using on site with folding ridge pipes and poles with waterproof outside canvas cladding and inner inning of Dasuti, size 15'x15'x7' complete tent with pegs, hammer, tie ropes and other erection accessories.							
4	NS4	20.00	Numbers	1209.00	24180.00	At Par	24180.00	
	Description: PVC Chair with strong legs heavy duty for use on uneven sites. Make Neel Kamal / Supreme/Maharaja or equivalent.							
5	NS5	4.00	Numbers	3250.67	13002.68	At Par	13002.68	
	Description: Folding-PVC Table heavy duty having approx. size 4'x2.5'x2.5'. Make Neel							

	Kamal/Supreme/Kozy or equivalent							
6	NS6	12.00	Numbers	295.00	3540.00	At Par	3540.00	
	Description: Hand Torch with LED lamp with low power consumption operable on 4.5 volt 3 nos. pencil dry cells 1.5 volt each. Including 3 nos. the above cells with each torch for use on railway works.							
7	NS7	40.00	Numbers	604.33	24173.20	At Par	24173.20	
	Description: Hand held folding Umbrella with complete central rod and its ridges made From wood / fibber and fitted with PVC handle non conductive Having waterproof heavy duty synthetic cladding specially used for railway works.							
8	NS8	10.00	Numbers	1547.00	15470.00	At Par	15470.00	
	Description: Rechargeable heavy duty wide angle focus/ long range Torch with energy efficient LED should also be able to use as emergency table lamp. Torch shall be of dual purpose use i.e, it should also be able to use as emergency table lamp as well as patrolling purpose duly fitted with rechargeable Li-Ion batteries complete with 220 V AC charger etc. for using on railway works							
9	NS9	4.00	Numbers	3315.00	13260.00	At Par	13260.00	
	Description: Garden Umbrella complete with its central rod made of steel tube and cladding of synthetic/cotton material waterproof approx. size 2.7 x 2 mtrs.							
10	NS10	50.00	Numbers	1546.67	77333.50	At Par	77333.50	
	Description: Rain Coat made from heavy duty synthetic material with waterproof coating inside of the coat size XL-XXL make any reputed brand.							
11	NS11	60.00	Numbers	1718.33	103099.80	At Par	103099.80	
	Description: Heavy duty spl type made from forged alloy steel hexagon Bari (Crowbar) approx. size Dia 28mm 5 feet long duly tempered and normalized with one end slightly bent chisel type for use in track and other railway heavy railway works. Make TATA or equivalent.							
12	NS12	60.00	Numbers	259.00	15540.00	At Par	15540.00	
	Description: Heavy duty wire Punji (Claw) made from alloy steel wire, 8 teeth for handling ballast on track etc.							
13	NS13	60.00	Numbers	487.67	29260.20	At Par	29260.20	
	Description: Pick Axe (Beater) made from alloy steel duly tempered and normalized and sharpened with bamboo handle.							
14	NS14	5.00	Numbers	74086.25	370431.25	At Par	370431.25	
	Description: Heavy duty Abrasive Rail Disc Cutter to cut special steel rails (UTS-90) duly fitted with HONDA petrol start / run engine having specifications 4 stroke OHV, single cylinder having max torque 5.7 Nm fitted with recoll type starter mechanism. Cutter shall be fitted with rail holding clamps, moving handle and other parts to operate the machine easily on site							

									as per RDSO specification Complete machine in all respects duly fitted with 'V' belt with spanners for day to day machine maintenance. Duly painted and tested.
15	NS15	8.00	Numbers	4012.00	32096.00	At Par	32096.00		Description: ERC Clip Applicator of special design with moving wheel and heavy duty clip holding hook made from alloy steel duly heat treated for hassle free working and long life (extra gem included for ERC driving)
16	NS16	20.00	Numbers	14302.00	286040.00	At Par	286040.00		Description: Rail Dolly (Insulated) with insulated wheels for lifting and shifting of rails and other material complete with chain and heavy duty rail tong for holding rails as per Rly specifications
17	NS17	20.00	Numbers	14543.00	290860.00	At Par	290860.00		Description: Track Jack Mechanical cantilever type having 15 ton capacity with lifting capacity upto 300 MM Complete with operating lever etc.
18	NS18	300.00	Pair	8039.50	2411850.00	At Par	2411850.00		Description: Joggled Fish plate for 60kg rail with double D hole complete pair with 4nos Nut bolts sets & spring washers. As per RDSO Drg.no. T 5849 and specification no.T-1-2012.
19	NS19	50.00	Pair	7283.00	364150.00	At Par	364150.00		Description: Fish plate 1 mtr long for 60Kg rail with holes complete pair with Nut bolts sets & spring washers as per railway specifications
20	NS20	100.00	Pair	2773.00	277300.00	At Par	277300.00		Description: Steel Clamp "C" type with screw and nut complete as per RDSO Org no T-5856
21	NS21	100.00	Numbers	467.25	46725.00	At Par	46725.00		Description: Keying Hammer 2 kg with bamboo handle complete as per Rly specification.
22	NS22	2.00	Numbers	19230.50	38461.00	At Par	38461.00		Description: Chamfering Kit for chamfering holes of rails from both sides of the holes. Kit will include complete torque wrench along with the ratchet, 1 set (2pcs) of 28mm and 1set (2pcs) of 32mm of HSS chamfering tools for chamfering holes simultaneously from inside & outside of rails manually. Complete kit as per Rly specification.
23	NS23	30.00	Numbers	1875.33	56259.90	At Par	56259.90		Description: Cross handle "Rail Tong" made from alloy steel round bar dia 25mm and heavy duty tongue of alloy steel plate approx. thickness 20mm. Complete as per Railway specification.
24	NS24	5.00	Numbers	64118.25	320591.25	At Par	320591.25		

									Description: Heavy duty Rail Drilling Machine to drill into special steel rails (UTS-90) duly fitted with HONDA petrol start/run engine having specifications 4 stroke OHV, single cylinder having max. torque 5.7 Nm fitted with recoil type starter mechanism. Cutter shall be fitted with rail holding clamps, moving handle and other parts to operate the machine easily on site as per RDSO specification. Complete machine in all respects duly fitted with 'V' bit with spanners for day to day machine maintenance. Duly painted and tested.
25	NS25	20.00	Numbers	1066.57	21331.40	At Par	21331.40		Description: Red colour Banner Flag size approx. 3'3"x6' for temporarily fixing on railway track while working complete with its wooden/PVC holding arm. Complete as per Rly. specification.
26	NS26	100.00	Numbers	294.00	29400.00	At Par	29400.00		Description: Safety Jacket with retro reflective bands in front and back of the jacket for the safety of the person wearing it in the darker area.
27	NS27	100.00	Set	420.32	42032.00	At Par	42032.00		Description: Red And Green Colour Hand Flag approx. size 21"x21" with wooden/PVC handles for railway staff one set will comprise 1 red & 1 Green flag.
28	NS28	70.00	Numbers	1905.00	133350.00	At Par	133350.00		Description: Hand held Tri-Color Rechargeable Torch duly fitted with Li-ion battery 3 7V 2600 MAH cap. With individual tactical switches for Red- green-White LEDs complete with charger input AC 230V and 5V DC output with charging indicator. Complete as per Rly specifications.
29	NS29	60.00	Numbers	910.00	54600.00	At Par	54600.00		Description: Abrasive Rail Cutting Disc Wheel as per RDSO Specification No-TM/SM/02/(Rev-01 of 2007 Make -Grind well Norton Ltd
30	NS30	10.00	Numbers	511.00	5110.00	At Par	5110.00		Description: Tape measuring (Tape measuring 30 m steel Make-Freemans
31	NS31	20.00	Numbers	1320.00	26400.00	At Par	26400.00		Description: Box spanner size 18*41 for Point and X-ing for BG Rail line make(Laxmi/Kelvin/Shiv or similar as per RDSO drawing No-Y-76(M)
32	NS32	50.00	Numbers	412.00	20600.00	At Par	20600.00		Description: Shovel heat treated round nose with 610mm or 685 mm long T-shaped handle nom. Weight of blade 1.6kg to IS-274-81 (Part-11 and table 20 Part-1)
33	NS33	2.00	Numbers	256110.00	512220.00	At Par	512220.00		Description: Hydraulic rail tensor (NON-Infringing type) 70 ton capacity HSN 8425 Serial no-RT-100,RT-101

34	NS34	6.00	Numbers	20975.00	125850.00	At Par	125850.00	
	Description: PWI KIT							
35	NS35	70.00	Numbers	1070.32	74922.40	At Par	74922.40	
	Description: KEY MAN BAG- Keyman shoulder bag heavy duty for carrying small tools for track maintenance etc. for patrolling purpose							
36	NS36	20.00	Numbers	475.00	9500.00	At Par	9500.00	
	Description: Supply of adjustable spanner heavy duty forged from steel with adjusting ring							
37	NS37	20.00	Numbers	6820.00	136400.00	At Par	136400.00	
	Description: Rail Drilling tools for making 31.5 mm dia holes having helical flute, conical upper shank make addition/IT or Equivalent							
38	NS38	10.00	Numbers	4310.00	43100.00	At Par	43100.00	
	Description: Rail Drilling tools for making 26.5 mm dia holes having helical flute, conical upper shank make addition/IT or Equivalent							
39	NS39	10.00	Numbers	1825.00	18250.00	At Par	18250.00	
	Description: Rail Drilling tools for making 18mm dia holes having helical flute, conical upper shank make addition/IT or Equivalent							
40	NS40	12.00	Numbers	3050.00	36600.00	At Par	36600.00	
	Description: PRC sleepers lifting/shifting chain with special types of hokes and chain attachment							
41	NS41	20.00	Numbers	755.00	15100.00	At Par	15100.00	
	Description: Rail profile grinding CUP type stone Make carborundum/ Noton or Equivalent							
42	NS42	6.00	Numbers	2990.00	17940.00	At Par	17940.00	
	Description: Straight edge 1m long made from special Type of steel							
43	NS43	6.00	Numbers	2580.00	15480.00	At Par	15480.00	
	Description: Straight edge 10 CM long made from special Type of steel							
44	NS44	10.00	Numbers	8407.50	84075.00	At Par	84075.00	
	Description: TRACK CUM GAUGE LEVEL-Track gauge cum level for checking gauge and cross level of track etc as per milway specification complete							
45	NS45	10.00	Numbers	1209.50	12095.00	At Par	12095.00	

	Description: VERSINE MEASURING KIT Versine measuring kit complete having 2 nos. chord Aluminum holders, versine chard with daly wrapped on small drum for the safety of versine chord and a versine scale duly packed in a handy wooden box.							
46	NS46	5000.00	cum	2027.04	10135200.00	At Par	10135200.00	
	Description: Supply of Machine-crushed stone ballast on cess at its final location of laying as directed by Engineer as per RDSO specifications for track ballast IRS-GE-1 of June,2016 with latest correction slips from stacked in specified quantities at location new Gothangam Yard/Gothangam Yard/Panoli-Sanjali Connecting line /outside Railway /DFCC limits/along the alignment on either side obstruct as per site requirements. Final Rate includes inspection charges by DFCCIL/Engineer if any. Note 1: Payment will be made on actual stack measurement for gross quantities without any deduction for voids in following stages: (i) 90% on receipt at site, acceptance, measurement, account, proper storage and protection against loss, damage or deterioration: and (ii) Balance 10% after spreading, leading and profiling.							
47	NS47	400.00	Each	628.96	251584.00	At Par	251584.00	
	Description: Precast RCC standard struts 2.0 metres long							
48	NS48	4000.00	per metre of barbed wire	18.23	72920.00	At Par	72920.00	
	Description: Supplying and fixing of barbed wire weighing 9.38 kg per 100 meter (min) on previously erected posts with wire nails, hooks, stitching bolts, binding wire etc. straight and/or cross pattern. (rate includes drilling of holes in the post wherever required) Note: This item can also be operated as extra over items 242010 to 242060 for fixing additional wires to those stipulated in the respective items.							
49	NS49	400.00	Each	74.90	29960.00	At Par	29960.00	
	Description: Erection of precast RCC/MS section/ Sal balli post upto 2 m height including excavation in all types of soil, filling back those earth and consolidating etc. complete for making the post rigid. Concrete work in foundation to be paid for separately.							

ITEM BREAKUP

No break up item added

ELIGIBILITY CONDITIONS**Special Financial Criteria**

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

Special Technical Criteria

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

COMPLIANCE**Commercial-Compliance**

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

Check List

S No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit all document as per check list provided in tender document.	No	No	Not Allowed

DOCUMENTS

Document Name	Document Description
Trackmaintenace_tender_31May2023FINAL.pdf	Tender

FIRMS

S.No	Firm Name	Category	Address
No firm added			

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.

Tender value is greater than Rs. 10 Crore (Tender Value= Fourteen Crore Twenty-Two Lakh Twenty-Eight Thousand One Hundred And Sixty-Three Rupees And Seven Paise Only)