CGM/DFCCIL/TDL acting for and on behalf of The President of India invites E-Tenders against Tender No **TDL-EN-Tk_Maint_2025** Closing Date/Time 20/05/2025 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	years in EDFC under CGM/Tundla.								
Bidding type	Normal Tender								
Tender Type	Open	Bidding System	Two Packet System						
Tender Closing Date Time	20/05/2025 15:00	Date Time Of Uploading Tender	28/04/2025 15:01						
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable						
Advertised Value	177188541.80	Tendering Section	CIVIL						
Bidding Style	Single Rate for Each Schedule	Bidding Unit							
Earnest Money (Rs.)	1036000.00	Validity of Offer (Days)	60						
Tender Doc. Cost (Rs.)	11800.00	Period of Completion	24 Months						
Contract Type	Works - General	Contract Category	Expenditure						
Bidding Start Date	06/05/2025								
Are JV allowed to bid	Yes	Number of JV Member Allowed	2						
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0						
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)						

2. SCHEDULE

S.No.	Item Code	ltem Qty	Qty Unit	Unit Rate	Basic Value	Escl. (%)	Amount	Bidding Unit
Sched	ule () A-USS	OR Items					168688541.80	Above/ Below/Par
	Please see l	tem Breakup i	for details.		178050.00	AT Par	178050.00	
1	Description: - 61020"Dismantling and removing rail of all section & length from track, laid on a type & density of sleeper by removing fish plates, fastenings & fish bolts and other materials includi stacking all released materials within an average distance of 500 metres as directed by Engine incharge. Note: 1.Cutting of rails shall be paid separately. For Casual/Scattered Rail Renewal work"							
	Please see l	tem Breakup i	for details.		188500.00	AT Par	188500.00	
2	sleeper to t standard se and stackin	he specified of fastening of released	gauge unde s and fixing d material	er traffic block	c. Rates include and bolts or, in gement within	fastenin required	d on any type & og of rail with sle d, providing gap as directed by E	eepers with for welding
	Please see l	tem Breakup i	for details.		2922560.00	AT Par	2922560.00	
3	at Bridge A gauge & cro Engineer in-	pproaches for oss level with charge. Relea	casual rer contractor sed materia	newal at isola 's tools includ als shall be no	ted locations w ling packing an	ith all fit d dressin nd hande	SC sleepers lying tings complete t ig of ballast, as id over at specifi s directed."	o specified directed by
	63090	3001744.00	ERC	4.13	12397202.72	AT Par	12397202.72	
4	63090 3001744.00 ERC 4.13 12397202.72 AT Par 12397202.72 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 and application of graphite grease, as prescribed by Railway for under side of liners & corresponding area of rail foot & SGCI insert with ERCs and re-fixing the same as per procedure prescribed in latest edition of IRPWM with contractors grease and all other tools & plants complete and as directed. Note: Each ERC in this item shall constitute 1 ERC and its Liner Contact area.							
	63110	50000.00	RM	3.59	179500.00	AT Par	179500.00	
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	Description:- Lubrication of gauge face of rail on curves, cross overs, points & crossings, turn-in curves and at locations as required with contractor's grease graphite grade "O" IS 408 and as directed.
	Please see Item Breakup for details. 173350.00 AT Par 173350.00
6	Description:- 63120"Lubrication of Plate/Rail screws of Points and crossings, SEJs, Bridges, Curves etc., with greases graphite, including removal of screws carefully without damaging sleepers, cleaning with wire brush etc., both screws and dowel hole, applying grease graphite, refixing the screw and sealing the top and sides of screw with grease graphite to prevent ingress of moisture and corrosion with contractors labour, tools, consumables under traffic condition all lead and lift complete."
	Please see Item Breakup for details. 764400.00 AT Par 764400.00
7	Description:- 63130Scattered renewal or replacement of missing / worn-out fittings with Railway's fittings for track/Points & Crossings sleepers including leading to required location for the work and the released fittings shall be collected and neatly stacked, as directed by the Engineer In charge. Note: New fittings shall be supplied from and released material shall be deposited at, nearest P.Way Stores.
	Please see Item Breakup for details. 496594.00 AT Par 496594.00
8	Description:- 64030"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."
	Please see Item Breakup for details. 403245.00 AT Par 403245.00
9	Description:- 64040"Drilling of hole of different diameter and chamfering, in rail of any section and any UTS manually only in emergencies with contractor's labours, tools & plants, consumables etc."
10	Please see Item Breakup for details. 92152.00 AT Par 92152.00
10	Description:- 64050Gas cutting of rail of various sections with contractor's tools & plants, as directed by engineer in-charge :
	65010 20.00 Set 7757.21 155144.20 AT Par 155144.20
11	Description:- Renewal of existing SEJ along with PSC sleepers under traffic block conditions as per approved drawing including fixing of special size bearing plate, rubber pad and other sleeper / rail fittings, greasing to the fittings, leading all new materials to site, transportation of released materials within a lead of 250m, cutting of Rails, drilling of holes, fixing of related fittings, providing temporary connection with fishplates till welding of SEJ is done and sleepers shall be given initial packing to make track fit for 20KMPH speed. Note: (1) Rail cutting and hole drilling shall be paid separately. (2) One set comprise complete SEJ on both rails at SEJ.
	83030 90000.00 TRM 30.50 2745000.00 AT Par 2745000.00
12	Description:- Boxing and profiling of ballast as per procedure prescribed in latest edition of IRPWM 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.
	Please see Item Breakup for details. 1550160.00 AT Par 1550160.00
13	Description: 91010"Manufacturing and Supply of Alumino thermic welding portions of 52Kg/60 Kg/60EI-R260 as approved by RDSO for welding of rails 52Kg/60Kg/60EI-R260 kg for 25mm gap by the process of AT welding along with complete accessories confirming to the specification laid down in Indian Railway Standard specification No. IRST-19-2020 up to date correction slips with Single shot crucible fitted with Automatic Tapping Thimble, 3 pieces pre fabricated mould (Zircon washed) manually pressed using compressed air petrol/LPG pre heating for execution of welding of rail joint as directed by the engineer in charge at site. Note: 1. The accessories along with welding portion shall be supplied as per Annexure-I of the IRUSSOR - 2021. 2. Rate is inclusive of transportation of above to SSE/P.Way stores."
	Please see Item Breakup for details. 2903112.00 AT Par 2903112.00
14	Description:- 9201025mm gap 'in-situ' welding during traffic block and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with all required labour, materials, consumables, tools, equipments etc. tocomplete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including marking of welded joint, painting weld collar with anticorrosive paint, restoration of track near weld joint to originalposition and fixing of joggled fish plate at new weld, to be removed after passing of weld in USFD test as directed by Engineer in charge. Note: 1. Welding shall be carried out only by trained welder having valid competency certificate using RDSO approved Alumino Thermit Welding Portions, 3 piece prefabricated mould (ZIRCON WASHED) manually pressed, Single shot crucible fitted with auto tapping thimble and Compressed Air Petrol /LPG preheating technique as per RDSO Specification No IRST/19-2020 with latest amendment. 2. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing. 3. Only required nos. of Joggled fish plates shall be supplied by Railway at nearest P. Way Stores and the same shall be returned atnearest P. Way Store or at other location as per direction of Engineerin- Charge after release from track. All other items required shall be supplied by the Contractor.
	Please see Item Breakup for details. 2219898.00 AT Par 2219898.00

15	Description:- 9204025mm gap Cess Welding and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with Contractor's labour, materials, consumables, tools, equipments etc. to complete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including all required handling and rehandling of rails, marking of welded joint, painting weld collar with anticorrosive paint, as directed by Engineer in
	charge. Note:1. Welding shall be carried out only by trained welder having valid competency certificate using RDSO approved Alumino Thermit Welding Portions, 3 piece prefabricated mould (Zircon washed) manually pressed, Single shot crucible fitted with auto tapping thimble and Compressed Air Petrol/LPG preheating technique as per RDSO Specification No IRST/19-2020 with latest amendment. 2. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing.
	113010 5000.00 cum 345.31 1726550.00 AT Par 1726550.00
16	Description:- Cess repair/widening work as per RDSO Specifications and guidelines RDSO/2020/GE: IRS-0004 or latest in running line with suitable soil to the designed profile The work shall include uprooting and disposing of all the vegetation, benching at every 30 Cm vertical height, earthwork in benching portion and compaction using suitable slope vibratory Rollers/Compactors etc. to achieve prescribed MDD. Note: 1. Payment of cess repairs shall be based on the quantities worked out from the cross sectional calculations only and worked out from the initial ground levels before doing benching and final levels as done for new embankment. The earth work in benching portion shall not be paid extra as the same has been included in the rate. 2. The earth work shall be started only after Completing of the benching and certified. 3. The benching Work shall be done for a maximum height of 1.50 m at any time based on the progress of earthwork starting from toe of the embankment.
	Please see Item Breakup for details. 2696700.00 AT Par 2696700.00
17	Description:- 131020"Picking up of slacks in track of all sleeper density, duly opening up ballast, gauging, alignment, correcting longitudinal & cross levels, packing, boxing of ballast and dressing the same under traffic conditions as per procedure prescribed in latest edition of IRPWM and as directed by Engineer in-charge. Note: In-charge section Engineer should identify locations requiring packing and obtain prior approval of DEN/XEN before execution of the work when there is no Zonal Track Maintenance agency deployed in the section."
	Please see Item Breakup for details. 6919500.00 AT Par 6919500.00
18	Description:- 135010De-stressing of LWR/CWR track of any density under traffic line block with contractor's labours, tools, equipments and consumables 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 procedure prescribed in latest edition of IRPVM & CE'sCirculars for destressing of LWR/CWR, if any.
	Please see Item Breakup for details. 56899535.00 AT Par 56899535.00
19	Description:- 136040Maintenance 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 for safe running of goods and passenger trains with contractor's tools / labours etc. complete, as directed by Engineer incharge. Note: Contractor shall arrange one gang at any point of time comprising of minimum specified labours with sufficient experience in P.Way working.
	136090 750000.00 RM 32.49 24367500.00 AT Par 24367500.00
20	Description:- Cleaning of side drains along the track including disposing of muck beyond Railway boundary as per instructions of Engineer in-charge to keep drains clean and clear in cuttings etc.
	136100 750000.00 TRM 14.95 11212500.00 AT Par 11212500.00
21	Description:- "Removing weeds & bushes in ballast section and cess up to 3.95m from centre line of track in mid section & station yard, as specified by Engineer in-charge including disposal of branches, bushes outside cess/yard."
	136110 500.00 Each 172.17 86085.00 AT Par 86085.00
22	Description:- Trimming of tree branches coming within 6m 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 20 cm will only be considered as tree branch.
	136120 5000.00 RM 128.23 641150.00 AT Par 641150.00
23	Description:- Making kutcha trapezoidal side drain of bottom width as 300mm and depth of 450mm in cutting section by excavation in all types of soil including utilising excavated muck for dressing of cess, slopes etc. in Railway land.
	Please see Item Breakup for details. 317880.00 AT Par 317880.00

24	Description foot etc. inc		ntact area			nd fishina	plane as per re	equiremen
	with two co	ats of thickne	ss of 100	microns each	by bituminous	black pai	int confirms to	IS-9862 o
							aration, as a co It shall be made	
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	137060	1800.00	Each	53.11	95598.00	AT Par	95598.00	
							ail joints on tr	ack for ol
	painted join	ts in severe c	orrosive pr	one area for a	any rail sectior	n with one	e coat of high b	ouild epox
							CN-111/99 on w	
-							luding surface approved enam	
5	directed No	te: 1.Before pa	ainting, du	st, dirt and fla	ked paint from	n the weld	ed joint shall b	e remove
							ed by use of a	
							ashing should a d. 3.The paint	
							aint 4.No other	
		should be use		-		•		
	Please see l	tem Breakup fo	or details.		622883.64	AT Par	622883.64	
							n new / old iror	
							rence station n plying two coat	
26							details to suita	
							with black enar	
			e, as direct	ed : Note: Ste	nciling of letter	s is only p	permitted. No h	and writte
	letters area			I			100100.01	
27		tem Breakup fo			166438.94	AT Par	166438.94	
. /	Descriptio	n:- 137080Pair	nting 2 coa				ructures etc. wi	
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29	144030 Descriptio carrying out with Double be operated concerned S deducted fo Please see I Descriptio tamping, du sleeper den adjustment from stacks Clearing of I facilitate ho pumping / ra after tampi displaced sl Please see I Descriptio portion on a by digging for removing all track/should check rails a smooth mot broken/missi in charge. 155030 Descriptio	roved make wi 60.00 n:- Providing a ancillary work Rail Tester (D d only when the reach such per- tem Breakup for n:- 15500CSM aring tamping sity by various of ballast, head / shoulders / ballast on sleed lding of rail by bunded ballast ng; (6) Replace eepers to posite tem Breakup for n:- 155020Pre- for 155020Pre- for 155020Pre- for 155020Pre- and painting of orable condition ing fittings, coon 20000.00 n:- "Removing	Gang Day an assisting ks viz., look RT) machin here is no nation. 2. I erson @ 1/3 or details. , Duomatic and post-ta Track Tamp aping-up of crib of adj pers to mal rollers of T in sleeper cement of cion along w or details. , during & ck structure ired width llast, adjust ving and ref f running ra on after tam rrection of TRM and refixir	4163.51 g gang compr out, watering, e and as direc departmental n case, contra rd of the acce and 3X Sleep imping work for bing machines ballast, filling bining track u ke them visible TRM; (4) Digg crib location; (broken / mis vith squaring; (post tamping e and density, and up to 50 ment of defic fixing all inter il & check rail pping is over, i displaced slee 106.08 g of guard Ra	249810.60 ising of 6 men paint marking staff available actor provides pted item rate. 15772000.00 per Tamping M or tamping trad or tamping tra	AT Par per day and handl er in charg and only less no. of AT Par achines ck with all /3X Machir in tampir 0 m to ens 3) Clearing and repler of loose fitt upplied by f worked-oc AT Par r tamping plock, duly com of slear necessary nterfering, emulsion, co ning of loo position ar AT Par ridges dur	249810.60 with SSE/P.Way ling machine fo le. Note: 1. This with the prior a f Labour, paym 15772000.00 155010Carryir types of rails, nes which includ ng zone by pick sure effective p g of ballast over hishment of bal ings immediate y Railway; (7) but / fallen fittin 2297190.00 of track on lew popening the ro eper to facilitat by picking fror , removing and completing roac pose fittings, repl nd as directed b 2121600.00	/ USFD fo r USFD tes s item shal approval c nent will be ng out pre sleepers & de : (1) Re- king ballas backing; (2 rail foot t last at mu ely before & Correcting gs; vel crossing re-fixing c d surface t acement c by Enginee
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	144030 Descriptio carrying out with Double be operated concerned S deducted fo Please see I Descriptio tamping, du sleeper den adjustment from stacks Clearing of I facilitate ho pumping / re after tampi displaced sl Please see I Descriptio portion on a by digging f removing and track/should check rails a smooth mot broken/missi in charge. 155030 Descriptio all contracted lifting, drage	roved make wi 60.00 n:- Providing a ancillary work Rail Tester (D d only when the second such per- tem Breakup for n:- 15500CSM aring tamping sity by various of ballast, head / shoulders / ballast on sleed lding of rail by bunded ballast ng; (6) Replace eepers to posite tem Breakup for n:- 155020Pre- for 155020Pre- for 155020Pre- for 155020Pre- for 155020Pre- for 155020Pre- for 155020Pre- and painting of orable condition ing fittings, coo 20000.00 n:- "Removing or's men and	Gang Day an assisting (s viz., look RT) machin here is no nation. 2. I erson @ 1/3 or details. , Duomatic and post-ta Track Tamp aping-up of crib of adj pers to mal rollers of T in sleeper cement of cion along w or details. , during & ck structure ired width llast, adjust ving and refixir materials c and refixir materials c	4163.51 g gang compr out, watering, e and as direc departmental n case, contra rd of the acce and 3X Sleep imping work for bing machines ballast, filling bining track u ke them visible TRM; (4) Digg crib location; (broken / mis vith squaring; (post tamping e and density, and up to 50 ment of defic fixing all inter il & check rail ping is over, i displaced slee 106.08 g of guard Ra uly removing	249810.60 ising of 6 men paint marking staff available actor provides pted item rate. 15772000.00 per Tamping M or tamping trad or tamping tra	AT Par per day y and handl er in charg and only y less no. of AT Par achines ck with all (3X Machir in tampir 0 m to ens 3) Clearing and repler of loose fitt upplied by f worked-of AT Par r tamping block, duly com of sleat necessary nterfering, emulsion, of ning of loo position ar AT Par ridges dur g guard ra ted by Eng	249810.60 with SSE/P.Way ling machine fo le. Note: 1. This with the prior a f Labour, paym 15772000.00 155010Carryir types of rails, nes which includ ng zone by pick sure effective p g of ballast over hishment of bal ings immediate y Railway; (7) but / fallen fittin 2297190.00 of track on lew popening the ro eper to facilitat by picking fror , removing and completing roac pose fittings, repl nd as directed b 2121600.00	/ USFD for r USFD tess item shal approval or item shal approval or item shal approval or set will be or sleepers & de : (1) Re- king ballas backing; (2 rail foot to last at mute ly before & Correcting gs; vel crossing re-fixing or a surface to acement or by Enginee acking with pproaches 2."

32	Description:- 156000Unimat Machine Related Works - 156010Carrying out pre-tamping, during tamping and post-tamping works for tamping of Turnouts of all types Under Traffic Block Conditions 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 UNIMAT; (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 along with squaring; (8) Resetting 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 operation of points (12)Manual consolidation of ballast in cribs and shoulders; (13) Stages of payment a) 30% of the rate will be paid on completion of post tamping; (14) Recovery at the rate of twice the applicable rate will be effected in case contractor fails to carry out any of the pre/during/post operation.
	157010 50.00 Shift 1397.51 69875.50 AT Par 69875.50
33	Description:- Carrying out various miscellaneous works, for proper upkeep of crew rest van / rest room as directed by machine in-charge of Track Machines by providing a team of 2 labours for 12 hours shift, broadly mentioned hereunder: (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 (cost of food shall be borne by the staff concerned).; (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) In case, contractor provides less no. of Labour/Mate, payment will be deducted for each such person @ 75% of the accepted item rate.
	157020 50.00 Shift 2297.91 114895.50 AT Par 114895.50
34	Description:- Carrying out ancillary works required for UTV working under line block i.e., turning of rails/ Sleepers and keeping in position for fixing of UTV clamps to rail, keeping rails/PSC Sleepers in position while loading into BFR, removal of clamps on BFR for releasing loaded rail/Sleepers, adjusting of rails/Sleepers on BFR etc. by providing minimum of three men in a shift of 8 hours, with all contractor's tools, all lead, lift, crossing of tracks etc., complete and as directed by the engineer - in - charge. Note: In case, contractor provides less no. of Labour, payment will be deducted for each such person @ 2/3 rd of the accepted item rate.
	164010 45285.00 Each 76.52 3465208.20 AT Par 3465208.20
35	Description:- "Tamping of track for picking up slacks in concrete sleeper track by Hand Held Off Track Tamper (Power Pack Version) with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Off-track tamper (Power Pack Version) will be as per RDSO Specification No. TM/SM/OTT/320, dated 28.01.2009."
	Please see Item Breakup for details. 223401.10 AT Par 223401.10
36	Description: 202000L-Xing Indicator Boards, Engineering Indicators, Curve Boards etc : -202010Manufacturing, fabricating and supply ingretro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activate dretro-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 EngineerIn-charge or as per IRPWM guidelines, pasted on substrate by anadhesive backing which shall be activated by applying heat and pressure conforming to lass-2 of ASTM-4956-01 and fixing the same with suitable size daluminiumall oyrivets@ 20cmc/ctoback-support frame of M.S.angle iron of size 25mm x 25mm x3 mm provided allalong the edges of board with the ft resistant measures, back side of board shall be with non-peel able weather-proofpaint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & whiteanti-corrosive paintor powder coating complete, as directed.
	Please see Item Breakup for details. 1957707.00 AT Par 1957707.00
37	Description:- 202020Manufacturing, fabricating and supplying retro-reflective Engineering Indicator boards, made of 2mm thick aluminium 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 x25mm x3mm provided all along the edges of board with theft resistant measures back side of board shall be with non-peelable weatherproof 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.
	211220 30000.00 Each 16.51 495300.00 AT Par 495300.00

Tender No: TDL-EN-Tk_Maint_2025

38	Ballast/moo approaches/ block period lead lift etc where neces	rum/earth/Sar /nominated pl l with all contr . complete ar ssary.	id/ quarry ace etc. du actor's labo id as direct	dust etc. pla mping and sp our, tools, plan red by the En	acing the filled reading at the r ts, loading, unlo gineer in charg	bags o nominate bading, fi e at site	oolythene bags in the high bar id locations to p lling, spreading i including crossi	nks /bridge rofile under ncluding all
	211230	30000.00	Each	15.30	459000.00	AT Par	459000.00	
39	quarry dust tools, plants	in Contractor	's empty p , including	olythene cem stitching the s	ent bags of 50	kg bags	d with Railway S with all contract polythene threa	tors labour,
	211240	30000.00	Each	14.30	429000.00	AT Par	429000.00	
40	all contracto	or's empty pol	ythene cem	nent bag, tools		ninery, la	in to Railway W bour, lead and li harge.	
41	41	1.00	Lumpsum	500000.00	5000000.00	AT Par	5000000.00	
41	Description	n:- Any USSO	R-2021 item	is as per the s	ite requirement			
S-No-	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.	Amount	Bidding
			<i>q</i> .,			(%)	,	Unit
Sched	ule () B-DSR	Items					8500000.00	Above/ Below/Par
	Chapter01	1.00	Lumpsum	4500000.00	4500000.00	AT Par	4500000.00	
1	Description:- Chapter 1 - Carriage of Materials. Item No. 0037 Hiring Mobile crane Item No. 0 Hydrolic Excavator 3D / DSR Item No- 0020 Hydraulic Excavator (3D) with driver and fuel (earth w Item No. 0039 Hiring Tractor Trolley							
	Item No. 00	39 Hiring Trac	tor money					
	Item No. 00 Allotherch	39 Hiring Trac 1.00	,	4000000.00	4000000.00	AT Par	4000000.00	

3. ITEM BREAKUP

Scheudle	Schedu	e A-USSOR Items							
ltem- 1	61020"Dismantling and removing rail of all section & length from track, laid on any type & density of sleeper by removing fish plates, fastenings & fish bolts and other materials including stacking all released materials within an average distance of 500 metres as directed by Engineer incharge. Note: 1.Cutting of rails shall be paid separately. For Casual/Scattered Rail Renewal work"								
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount			
1	61022	For Casual/Scattered Rail Renewal work	TRM	5000.00	35.61	178050.00			
					Total	178050.00			
ltem- 2	 61030"Insertion of rails of all types & length in track, laid on any type & density of sleeper to the specified gauge under traffic block. 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 and stacking of released material without infringement within 250m as directed by Engineer-in-Charge. Note: Rail drilling and cutting to be paid separately." 								
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount			
1	61032		RM	5000.00	37.70	188500.00			
1	01001	For Casual/Scattered Rail Renewal work		0000.00		100200.00			
	01002	For Casual/Scattered Rail Renewal work			Total	188500.00 188500.00			
	62030" Approad cross le in-charg	For Casual/Scattered Rail Renewal work Replacement of any type of sleepers in track wit thes for casual renewal at isolated locations with vel with contractor's tools including packing and e. Released materials shall be neatly stacked ar age lead of 250 m or near either side of Bridge a	h PSC s n all fitti I dressir nd hand	leepers lyin ngs comple ng of ballast ed over at s	g on cess o te to speci , as directo specified lo	188500.00 or at Bridge fied gauge & ed by Engineer			
	62030" Approad cross le in-charg	Replacement of any type of sleepers in track wit hes for casual renewal at isolated locations with vel with contractor's tools including packing and e. Released materials shall be neatly stacked ar	h PSC s n all fitti I dressir nd hand	leepers lyin ngs comple ng of ballast ed over at s	g on cess o te to speci , as directo specified lo	188500.00 or at Bridge fied gauge & ed by Engineer			
Item- 3	62030"l Approad cross le in-charg an aver Item	Replacement of any type of sleepers in track wit thes for casual renewal at isolated locations with vel with contractor's tools including packing and e. Released materials shall be neatly stacked ar age lead of 250 m or near either side of Bridge a Description of Item	h PSC s n all fitti I dressir nd hand approac	leepers lyin ngs comple ng of ballast ed over at s hes as direc	g on cess of te to speci , as director specified lo ted." Rate	188500.00 or at Bridge fied gauge & ed by Engineer ocation within Amount			
Item- 3 S No.	62030"I Approad cross le in-char <u>c</u> an aver Item No	Replacement of any type of sleepers in track wit hes for casual renewal at isolated locations with vel with contractor's tools including packing and e. Released materials shall be neatly stacked ar age lead of 250 m or near either side of Bridge a Description of Item Locations other than Ballasted Deck Bridge	h PSC s all fitti I dressir nd hand approac Unit	leepers lyin ngs comple ng of ballast ed over at s hes as direc Qty	g on cess of te to speci , as directer specified lo ted." Rate 472.83	188500.00 or at Bridge fied gauge & ed by Engineer ocation within Amount 2364150.00			

		ubrication of Plate/Rail screws of Points and cro				
		graphite, including removal of screws carefully				
ltem- 6		ish etc., both screws and dowel hole, applying g the top and sides of screw with grease graphite				
		ntractors labour, tools, consumables under traffic				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	63122	By using Contractor's Grease Graphite	Each	5000.00	34.67	173350.00
					Total	173350.00
ltem- 7	track/Po release	cattered renewal or replacement of missing / wo bints & Crossings sleepers including leading to re d fittings shall be collected and neatly stacked, a ings shall be supplied from and released materia	equired as direct	location for ted by the E	the work a ingineer In	and the charge. Note:
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	63131	GRSP	Each	20000.00	20.82	416400.00
2	63132	ERCs	Each	30000.00	6.96	208800.00
3	63133	Metal/GFN Liners	Each	30000.00	4.64	139200.00
	•				Total	764400.00
ltem- 8	labour, emerge time. 2.	Cutting / cropping of rail of 60Kg - 90 UTS, manu hacksaw blade and tools & plants - Note: 1.Manu ncies with prior permission of sectional ADEN wh Cutting of Rails with blade and forcing to part b ed. 3.Rails should be cut right through hacksaw	ual cutti here ma y using	ng should b chine cuttir other mear	e used onl ng can not	y in be arranged in
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	64031	On Cess	Each	300.00	339.66	101898.00
2			Each	800.00		394696.00
					Total	496594.00
ltem- 9		Drilling of hole of different diameter and chamfe y only in emergencies with contractor's labours,				
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	64041	Hole of dia. 26.5mm and above	Each	1500.00	268.83	403245.00
		· · · · · ·			Total	403245.00
ILEIII- TO	64050G in-charg	as cutting of rail of various sections with contrac je :	ctor's to	ols & plants	s, as direct	ed by engineer
S No.	Item	Description of Item	Unit	Qty	Rate	Amount
	No					
1	64052	Rail section of 52Kg and above	Each	800.00	115.19	92152.00
1		Rail section of 52Kg and above	Each	800.00	115.19 Total	
	64052 91010"l approve welding Standar with Au using co enginee per Ann	Rail section of 52Kg and above Manufacturing and Supply of Alumino thermic we do by RDSO for welding of rails 52Kg/60Kg/60EI-F along with complete accessories confirming to t d specification No. IRST-19-2020 up to date corr tomatic Tapping Thimble, 3 pieces pre fabricated ompressed air petrol/LPG pre heating for executi r in charge at site. Note: 1. The accessories alor exure-I of the IRUSSOR - 2021. 2. Rate is inclusiv	elding p R260 kg the spea rection s d mould ion of w ng with	ortions of 5 I for 25mm cification lai Slips with Sil I (Zircon wa elding of ra welding por	Total 2Kg/60 Kg, gap by the d down in ngle shot c shed) man il joint as d tion shall b	92152.00 /60El-R260 as process of AT Indian Railway rucible fitted ually pressed lirected by the pe supplied as
	91010" approve welding Standar with Au using co enginee	Manufacturing and Supply of Alumino thermic we do by RDSO for welding of rails 52Kg/60Kg/60EI-F along with complete accessories confirming to t d specification No. IRST-19-2020 up to date corr tomatic Tapping Thimble, 3 pieces pre fabricated ompressed air petrol/LPG pre heating for executi or in charge at site. Note: 1. The accessories alor	elding p R260 kg the spea rection s d mould ion of w ng with	ortions of 5 I for 25mm cification lai Slips with Sil I (Zircon wa elding of ra welding por	Total 2Kg/60 Kg, gap by the d down in ngle shot c shed) man il joint as d tion shall b	92152.00 /60El-R260 as process of AT Indian Railway rucible fitted ually pressed lirected by the pe supplied as
ltem- 13	64052 91010" approve welding Standar with Au using co enginee per Ann stores."	Manufacturing and Supply of Alumino thermic we ed by RDSO for welding of rails 52Kg/60Kg/60El-F along with complete accessories confirming to t d specification No. IRST-19-2020 up to date corr tomatic Tapping Thimble, 3 pieces pre fabricated ompressed air petrol/LPG pre heating for executi er in charge at site. Note: 1. The accessories alor exure-I of the IRUSSOR - 2021. 2. Rate is inclusive Description of Item	elding p R260 kg the spec rection s d mould ion of w ng with ve of tra	ortions of 5 I for 25mm cification lai slips with Sii I (Zircon wa elding of ra welding por ansportatior	Total 2Kg/60 Kg, gap by the d down in ngle shot c shed) man il joint as d tion shall b n of above Rate	92152.00 /60EI-R260 as process of AT Indian Railway rucible fitted ually pressed lirected by the be supplied as to SSE/P.Way

ltem- 14	tolerance equipme by Alum painting and fixin directed valid co prefabri tapping No IRST profile C at neare location	5mm gap 'in-situ' welding during traffic block and es and pass all stipulated tests with all required ents etc. tocomplete the work in all respect as per ino - Thermic Process" with latest correction slip weld collar with anticorrosive paint, restoration ng of joggled fish plate at new weld, to be remove by Engineer in charge. Note: 1. Welding shall be mpetency certificate using RDSO approved Alum cated mould (ZIRCON WASHED) manually pressed thimble and Compressed Air Petrol /LPG preheat /19-2020 with latest amendment. 2. Hydraulic W Grinder for finishing. 3. Only required nos. of Jogg est P. Way Stores and the same shall be returned as per direction of Engineerin- Charge after rele supplied by the Contractor.	labour, er IR's " os, inclu of track ved afte e carrie nino The ed, Sing ting teo /eld trin gled fish d atnea	materials, Manual for ding markir k near weld r passing of d out only k ermit Weldin gle shot crud hnique as p nmer shall k n plates sha rest P. Way	consumabl Fusion Wel g of welde joint to ori weld in US by trained or Portions tible fitted wer RDSO S be used for Il be suppli Store or at	les, tools, Iding of Rails ed joint, iginalposition SFD test as welder having s, 3 piece with auto pecification chipping and ied by Railway cother
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	92011	For 60 Kg-90 UTS Rail	Each	600.00	4838.52	2903112.00
					Total	2903112.00
ltem- 15	Thermic marking charge. certifica (Zircon Compre	e the work in all respect as per IR's "Manual for Process" with latest correction slips, including a of welded joint, painting weld collar with antico Note:1. Welding shall be carried out only by trai te using RDSO approved Alumino Thermit Weldi washed) manually pressed, Single shot crucible ssed Air Petrol/LPG preheating technique as per mendment. 2. Hydraulic Weld trimmer shall be u	all requi rrosive ned we ng Port fitted w RDSO S	red handlin paint, as di Ider having ions, 3 piec ith auto tap Specification	g and reha rected by E valid comp prefabric ping thimk No IRST/1	ndling of rails, Engineer in Detency ated mould Die and L9-2020 with
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	92041	For 60 Kg - 90 UTS Rail	Each	600.00	3699.83	2219898.00
					Total	2219898.00
ltem- 17	alignme under tr Enginee and obt	'Picking up of slacks in track of all sleeper densit nt, correcting longitudinal & cross levels, packin affic conditions as per procedure prescribed in la r in-charge. Note: In-charge section Engineer sho ain prior approval of DEN/XEN before execution of	g, boxin atest ec ould ide	ng of ballast dition of IRP entify location vork when t	and dress WM and as	sing the same directed by ng packing
		ance agency deployed in the section."				
S No.	ltem No		Unit	Qty	Rate	Amount
S No.	No	Description of Item	Unit TRM	Qty 30000.00		Amount 2696700.00
	No 131021	Description of Item For PSC Sleeper	TRM	30000.00	89.89 Total	2696700.00 2696700.00
	No 131021 135010 labours, LWR/CW liner cor out elor Hydraul placing rail joint Opening	Description of Item	TRM nder tra f all lea moval c ers prov conditic ing rail: tment c e drillin ately.(4)	30000.00 ffic line blo d & lift. Acti f ERCs, line ided at eve ons, pulling s, as require f gap at SE g shall be p o As per pro	89.89 Total ck with corvities inclurs, greasin ry 15 sleep rails with t ed, removin s : Note:(1 aid separa cedure pre	2696700.00 2696700.00 ntractor's ide cutting of g of ERCs and bers, working he help of ng rollers and .) Welding of tely.(3)
1	No 131021 135010 labours, LWR/CW liner cor out elor Hydraul placing rail joint Opening	Description of Item For PSC Sleeper De-stressing of LWR/CWR track of any density un tools, equipments and consumables inclusive of /R into convenient panels of specified length, rem tract area, lifting rails and keeping them on rolle gation of rail ends depending on prevailing site ic Tensor to achieve the desired elongation, cutt rail in position, re-fixing ERCs & liners and adjust s will be paid separately.(2) Rail cutting and Hol and closing of LC if required will be paid separately	TRM nder tra f all lea moval c ers prov conditic ing rail: tment c e drillin ately.(4)	30000.00 ffic line blo d & lift. Acti f ERCs, line ided at eve ons, pulling s, as require f gap at SE g shall be p o As per pro	89.89 Total ck with corvities inclurs, greasin ry 15 sleep rails with t ed, removin s : Note:(1 aid separa cedure pre	2696700.00 2696700.00 ntractor's ide cutting of g of ERCs and bers, working he help of ng rollers and .) Welding of tely.(3)
1 Item- 18	No 131021 135010 labours, LWR/CW liner cor out elor Hydraul placing rail joint Opening latest ee Item No	Description of Item For PSC Sleeper De-stressing of LWR/CWR track of any density ur tools, equipments and consumables inclusive of /R into convenient panels of specified length, rer ntact area, lifting rails and keeping them on rolle gation of rail ends depending on prevailing site ic Tensor to achieve the desired elongation, cutt rail in position, re-fixing ERCs & liners and adjust s will be paid separately.(2) Rail cutting and Hol and closing of LC if required will be paid separa dition of IRPWM & CE'sCirculars for destressing on Description of Item	TRM nder tra f all lea moval c ers prov conditic ing rail: tment c e drillin ately.(4) of LWR/(30000.00 ffic line blo d & lift. Acti if ERCs, line ided at eve ons, pulling s, as require f gap at SE g shall be p As per pro CWR, if any.	89.89 Total ck with corvities inclurs, greasin (y 15 sleep rails with t ed, removin (s : Note:(1) aid separation cedure present Rate	2696700.00 2696700.00 ntractor's ide cutting of g of ERCs and pers, working he help of ng rollers and .) Welding of tely.(3) scribed in
1 Item- 18 S No.	No 131021 135010 labours, LWR/CW liner colo out elor Hydraul placing rail joint Opening latest eu Item No 135012	Description of Item For PSC Sleeper De-stressing of LWR/CWR track of any density un tools, equipments and consumables inclusive of R into convenient panels of specified length, ren tact area, lifting rails and keeping them on rolle gation of rail ends depending on prevailing site ic Tensor to achieve the desired elongation, cutt rail in position, re-fixing ERCs & liners and adjust s will be paid separately.(2) Rail cutting and Hol and closing of LC if required will be paid separa dition of IRPWM & CE'sCirculars for destressing on Description of Item With Contractor's Hydraulic Rail tensor	TRM nder tra f all lea moval c ers prov conditic ing rail: tment c e drillin ately.(4) of LWR/0 Unit	30000.00 ffic line blo d & lift. Acti f ERCs, line ided at eve ons, pulling s, as require of gap at SE g shall be p As per pro CWR, if any. Qty	89.89 Total ck with corvities inclurs, greasin ry 15 sleep rails with t ed, removind s : Note:(1) aid separant cedure pre Rate 39.05	2696700.00 2696700.00 htractor's ide cutting of g of ERCs and eers, working he help of ng rollers and .) Welding of tely.(3) scribed in Amount
1 Item- 18 S No.	No 131021 135010 labours, LWR/CW liner colo out elor Hydraul placing rail joint Opening latest eu Item No 135012	Description of Item For PSC Sleeper De-stressing of LWR/CWR track of any density un tools, equipments and consumables inclusive of R into convenient panels of specified length, ren tact area, lifting rails and keeping them on rolle gation of rail ends depending on prevailing site ic Tensor to achieve the desired elongation, cutt rail in position, re-fixing ERCs & liners and adjust s will be paid separately.(2) Rail cutting and Hol and closing of LC if required will be paid separa dition of IRPWM & CE'sCirculars for destressing on Description of Item With Contractor's Hydraulic Rail tensor	TRM nder tra f all lea moval o ers prov conditio ing rail: tment o e drillin ately.(4) of LWR/0 Unit	30000.00 ffic line blo d & lift. Acti if ERCs, line ided at eve ons, pulling s, as require of gap at SE g shall be p As per pro CWR, if any. Qty 150000.00	89.89 Total ck with corvities inclurs, greasin ry 15 sleep rails with t ed, removind s : Note:(1) aid separant cedure pre Rate 39.05	2696700.00 2696700.00 atractor's ide cutting of g of ERCs and bers, working he help of ng rollers and .) Welding of tely.(3) scribed in Amount 5857500.00

S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	136041	"One mobile Gang comprising of 15 physically fit labours plus 1 Mate. Note: (1) I n case, contractor provides less no. of Labour/Mate or for non availability of vehicle, payment will be deducted f o r e a c h s u c h person o r non- availability of vehicle @ 20% of the accepted item rate, separately for each shortfall. (2) The Contractor shall keep one pick up Truck of minimum 1.5T payload capacity with Driver all the time and all expenditures for running at an average of 80 kms per day shall be born by the Contractor."	Day	3500.00	16257.01	56899535.00
					Total	56899535.00
Item- 24	includin two coa reputed job as p	"Anti-corrosive painting of rail on running track of g liner contact area (excluding bottom of foot) a ts of thickness of 100 microns each by bitumino make including painting of liners, ERCs and incl er procedure prescribed in latest edition of IRPM on only gauge face side is done."	and fishi ous black luding s	ng plane as < paint conf urface prep	per requir irms to IS-9 aration, as	ement with 9862 of a complete
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	137021	For 60 Kg Rails	TRM	4000.00	79.47 Total	317880.00 317880.00
ltem- 26	for one synthet size, as enamel	s of Points & Crossings with details of turn-in / to set, duly preparing surface with contractor's wir- ic enamel paint of approved quality as backgrou described for every curve reference station mar paint of approved quality complete, as directed ed. No hand written letters areaccepted.	e brush Ind and rk / swite	and applyir stenciling tl ch / crossing	ng two coa ne details i g details w	ts of yellow to suitable ith black
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	137072	1 in 12 Turnout	Set	488.00	1220.53	595618.64
2	137074	Derailing Switch	Set	70.00	389.50	27265.00
ltem- 27	137080 approve	Painting 2 coats to various P.Way Reference Pos ed make with 2 coats of different colours & letter	st, Struci rs. as di	tures etc. w rected by E	Total ith ename ngineer in-	622883.64 I paint of charge.
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount
1	137081					
~		Kilometre & Gradient post	Each	700.00	95.87	67109.00
		Hectometre Post	Each	70.00	107.53	7527.10
3	137083	Hectometre Post LWR / SEJ Board Level Crossing Boards including Road Sign	Each Each		107.53 163.41	
3 4	137083 137084	Hectometre Post LWR / SEJ Board Level Crossing Boards including Road Sign Boards	Each Each Each	70.00 144.00 40.00	107.53 163.41 185.08	7527.10 23531.04 7403.20
3 4 5	137083 137084 137085	Hectometre Post LWR / SEJ Board Level Crossing Boards including Road Sign Boards Level Crossing Post	Each Each	70.00 144.00	107.53 163.41 185.08 186.24	7527.10 23531.04 7403.20 7449.60
3 4 5 6	137083 137084 137085 137086	Hectometre Post LWR / SEJ Board Level Crossing Boards including Road Sign Boards Level Crossing Post Curve Post	Each Each Each Each	70.00 144.00 40.00 40.00	107.53 163.41 185.08 186.24 99.33	7527.10 23531.04 7403.20
3 4 5 6 7	137083 137084 137085 137086 137089	Hectometre Post LWR / SEJ Board Level Crossing Boards including Road Sign Boards Level Crossing Post Curve Post	Each Each Each Each Each Each	70.00 144.00 40.00 40.00 100.00	107.53 163.41 185.08 186.24 99.33 163.41 54.02	7527.10 23531.04 7403.20 7449.60 9933.00 32682.00 10804.00
3 4 5 6 7 8 8	137083 137084 137085 137086 137089 137090 137090 15500C during t density adjustm from sta Clearing to facilit mud pu before &	Hectometre Post LWR / SEJ Board Level Crossing Boards including Road Sign Boards Level Crossing Post Curve Post Curve Board Curve details, SE, Versine, Station Nos. etc.	Each Each Each Each Each Each Each Each	70.00 144.00 40.00 100.00 200.00 200.00 200.00 010Carrying all types of r Machines w s in tamping m to ensur r, (3) Clearir ning and re ntening of lo tings suppli	107.53 163.41 185.08 186.24 99.33 163.41 54.02 Total g out pre-ta- ails, sleep- hich includ g zone by p e effective ng of ballas plenishme ose fitting ed by Raily	7527.10 23531.04 7403.20 7449.60 9933.00 32682.00 10804.00 166438.94 amping, ers & sleeper le : (1) Re- picking ballast e packing; (2) st over rail foot nt of ballast at s immediately way; (7)

1	155011	For day time block working	TRM	600000.00	19.14	11484000.00		
2		For night time block working	TRM	200000.00		4288000.00		
		5			Total	15772000.00		
	types of up to th and refi track/sh fixing of surface replace	Pre, during & post tamping operations, for tamp track structure and density, during traffic block e required width and up to 50mm below bottom lling ballast, adjustment of deficient ballast if ne oulder/cribs, removing and refixing all inter lock check rails and painting of running rail & check to smooth motorable condition after tamping is ment of broken/missing fittings, correction of dis l by Engineer in charge.	k, duly o n of slee ecessary king gea k rail wit over, in	pening the per to facilit by picking irs interferir h coal tar e icluding tigh	road surfact tate tampin from adjoing, removin mulsion, co ntening of l	ce by digging ng, removing ning ng and re- ompleting road loose fittings,		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	155022	Level crossing with CC block surface	Sqm	7000.00	328.17	2297190.00		
			·		Total	2297190.00		
	 156000Unimat Machine Related Works - 156010Carrying out pre-tamping, during tamping and post-tamping works for tamping of Turnouts of all types Under Traffic Block Conditions 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 UNIMAT; (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 along with squaring; (8) Resetting 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 (12)Manual consolidation of ballast in cribs and shoulders; (13) 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 pre tamping attention, b) Balance 70% of the rate will be effected in case contractor fails to carry out any of the pre/during/post 							
S No.	operation Item No	Description of Item	Unit	Qty	Rate	Amount		
1	156012	1 in 12 Turnouts (Under Traffic Block Conditions)	Set	244.00	10931.38	2667256.72		
2	156015	Derailing Switch (Under Traffic Block Conditions)	Set	50.00	3459.22	172961.00		
3	156022	Extra to Item no. 156012 for night block working	Set	44.00	1639.72	72147.68		
					Total	2912365.40		
	 202000L-Xing Indicator Boards, Engineering Indicators, Curve Boards etc : - 202010Manufacturing, fabricating and supply ingretro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activate dretro-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 EngineerIn-charge or as per IRPWM guidelines, pasted on substrate by anadhesive backing which shall be activated by applying heat and pressure conforming to lass-2 of ASTM-4956-01 and fixing the same with suitable size daluminiumall oyrivets@ 20cmc/ctoback-support frame of M.S.angle iron of size 25mm x 25mm x3 mm provided allalong the edges of board with the ft resistant measures, back side of board shall be with non-peel able weather-proofpaint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & whiteanti-corrosive paintor powder coating complete, as directed. 							
S No.	ltem No	Description of Item	Unit	Qty	Rate	Amount		
1	202011	Bilingual Whistle Boards for level crossing of size 600mm x 600mm of each board with back support frame welded to vertical post of MST section of size 75mm x 75mm x 6mm x 3650m		10.00	7946.47	79464.70		

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2	202012	202012 Speed Breaker / Rumble Strips Board of size Set 10.0 900mm equilateral triangular shape and 600mm x 200mm boards with back support frame welded to vertical post of MST section of size 80mm x 80mm x 8mm x 3650mm 0				69113.20
3	202015 Single Strip/Double Strip Level Crossing Road Set 10.00 Warning Board of size 900 mm equilateral triangular shape and 900x300 board with back 10.00 support frame welded to vertical post of MST section of size 80mmx80mmx8650mm 10.00		10.00	7482.32	74823.20	
					Total	223401.10
	covered to type- matter, guidelin and pre aluminin	f 2mm thick aluminium sheet or 3mm thick alur I with high intensity encapsulated type heat act IV of ASTM-D4956-01 in yellow & black or other message, symbols, borders etc. as approved by es, pasted on substrate by an adhesive backing ssure conforming to class-2 of ASTM-D-4956-01 um alloy rivets @ 20 cm c/c to back-support fra	etro-reflective combination er In-charge shall be action ng the same S. angle iro	ve sheeting including or as per vated by a e with suit on of size 2	g conforming subject IRPWM pplying heat able sized 5mm x25mm	
	be with coats of	provided all along the edges of board with theft non-peelable weatherproof paint, consisting of epoxy paint. Vertical post shall have black & w te, as directed.	one coat	t of zinc chr	omate prir	mer and two
	be with coats of complet	non-peelable weatherproof paint, consisting of	one coat	t of zinc chr	omate prir	mer and two
	be with coats of complet Item No	non-peelable weatherproof paint, consisting of epoxy paint. Vertical post shall have black & w e, as directed. Description of Item Caution Indicator Board of size 1400mmx400mm with back support frame fixed to vertical post of MS angle of size	one coal hite anti Unit Each	t of zinc chr -corrosive p	omate prir paint or po Rate	mer and two wder coating
S No.	be with coats of complet Item No 202021	non-peelable weatherproof paint, consisting of epoxy paint. Vertical post shall have black & w e, as directed. Description of Item Caution Indicator Board of size 1400mmx400mm with back support frame	one coat hite anti Unit Each Each	of zinc chr -corrosive p Qty	Rate 6572.72	mer and two wder coating Amount 394363.20
5 No.	be with coats of complet Item No 202021	non-peelable weatherproof paint, consisting of epoxy paint. Vertical post shall have black & w te, as directed. Description of Item Caution Indicator Board of size 1400mmx400mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of 3650 mm long Speed Indicator Board of equilateral triangular shape having each side of 1000mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of 3650 mm	one coat hite anti Unit Each Each	of zinc chr -corrosive p Qty 60.00	Rate 6572.72 5557.40	mer and two wder coating Amount 394363.20
5 No. 1 2	be with coats of complet Item No 202021 202022 202023	non-peelable weatherproof paint, consisting of epoxy paint. Vertical post shall have black & w te, as directed. Description of Item Caution Indicator Board of size 1400mmx400mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of 3650 mm long Speed Indicator Board of equilateral triangular shape having each side of 1000mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of 3650 mm long Stop Indicator Board of size 1400mmx400mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of	one coat hite anti Unit Each Each Each	of zinc chr -corrosive p Oty 60.00	romate print Rate 6572.72 5557.40 6572.72	mer and two wder coating Amount 394363.20 666888.00

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 Financial Criteria

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

Special Technical Criteria

S.No.		Confirmation Required		Documents Uploading
1	As per Tender Documents.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Any P.way works on Main Lines	No	No	Not Allowed

5. COMPLIANCE

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

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Check Lst

S.No.		Confirmation Required		Documents Uploading
1	As per Tender Documents.	No	No	Not Allowed

Commercial-Compliance

S.No.		Confirmation Required		Documents Uploading
1	As per Tender Documents.	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	Yoc	Allowed (Optional)

General Instructions

S.No.		Confirmation Required		Documents Uploading
1	As per Tender Documents.	No	No	Not Allowed

Special Conditions

S.No.		Confirmation Required		Documents Uploading
1	As per Tender Documents.	No	No	Not Allowed

Technical-Compliances

S.No.		Confirmation Required		Documents Uploading
1	As per Tender Documents.	Yes	res	Allowed (Mandatory)

Undertakings

S.No.		Confirmation Required		Documents Uploading
1	As per Tender Documents.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	tenderdocumentsTrackmaintenance.pdf tender documents	

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

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

Signed By: SHUBH KANT PANDEY

Designation : DYPM/Civil