Tender No: DFCCIL_TDL_EN_MAINT_2021 Closing Date/Time: 18/10/2021 15:00

CGM/DFCCIL/Tundla acting for and on behalf of The President of India invites E-Tenders against Tender No **DFCCIL_TDL_EN_MAINT_2021** Closing Date/Time 18/10/2021 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

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

1. NIT HEADER

Name of Work	structures, Civil Works like buil	track including DFCCIL Yards, Form dings (i.e. Stations, IMDs/IMSDs/ALH Bhaupur to New Khurja Section (i/c its Corridor	/RH/GSMR/Gate lodge &
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	18/10/2021 15:00	Date Time Of Uploading Tender	14/09/2021 17:53
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	240477215.46	Tendering Section	CIVIL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money /Bid Security (Rs.)	0.00	Validity of Offer (Days)	120
Obtain Bid Security Declarat	ion in lieu of Bid Security	Yes	
Tender Doc. Cost (Rs.)	11800.00	Period of Completion	24 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	104/10/2021	Are Joint Venture (JV) firms allowed to bid	Yes
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedu	ıle A-Schedi	ule A As Per US	SOR 2019				182873661.46	Above/ Below/Par
	Please see	Item Breakup	for details.		85680.00	7.68	92260.22	
01	by removii materials s	ng fish plates,	fastenings as directed b	& fish bolts on the first state of the first state	and other materian-charge. (cutting	als alongwith	on any type & dens n keeping released rail shall be paid se	rail and all
	Please see	Item Breakup	for details.		108800.00	7.68	117155.84	
03	to the spec	cified gauge. R	ates include	fastening of	rail with sleepers	with standar	on any type & dens d set of fastenings of rail to be paid sep	and fixing of
	Please see	Item Breakup	for details.		1005400.00	7.68	1082614.72	
05	isolated loc	ations with all f	ittings compl	ete to specifi	ed gauge & cross l	level with co	ng on cess for casu ntractor's tools inclu all be neatly stacked	ding packing
	Please see	Item Breakup	for details.		200306.00	7.68	215689.50	
07	contractor's emergenci 2.Cutting of	s labour, hack es with prior p	saw blade permission o ade and forc	and tools & f sectional A sing to part b	plants - NOTE: DEN where mac	1.Manual chine cutting	nually and perfectly utting should be un can not be arran k the rails is prohile	used only in ged in time.
	Please see	Item Breakup	for details.		177288.00	7.68	190903.72	
10		n:- Item No 06 ctor's labours, t				nd any UTS	, manually (in emer	gencies only)
	Please see	Item Breakup	for details.		29098.00	7.68	31332.73	
12	Description engineer in		1220-Gas cu	tting of rail of	various sections v	with contract	or's tools &plants, a	s directed by

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1	
	Please see Item Breakup for details. 1627400.00 7.68 1752384.32
14	Description:- Item No 131020- Picking up of slacks in track, as directed by Engineer in-charge without damaging sleepers & fittings, duly opening up ballast, gauging, alignment, correcting longitudinal & cross levels, packing, boxing of ballast and dressing the same under traffic conditions (as per Indian Railways Permanent Way Manual Para-229):
	061150 932256.00 Each 3.20 2983219.20 7.68 3212330.43
16	Description:- Item No 061150-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
	Please see Item Breakup for details. 625512.00 7.68 673551.32
17	Description:- Item No 091010-Supply of Alumino thermic welding portions 52/60 Kg as approved by RDSO for welding of rails 52/60 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-19-2012 up to date correction slips with Single shot crucible fitted with Automatic Tapping Thimble Technology, 3 pieces Mould (Zircon washed) manually pressed for execution of welding of rail joint and compressed air petrol heating techniques including consumable stores complete and as directed by the engineer in charge at site. The following accessories shall be supplied. 1.Alumino Thermic welding Portion @40<47@52 kg)as per IRS T-19-2012 2.3 piece Pre-fabricated Dry Mould @40<47@52 Kg)as per IRS T-19-2012 3.Luting Sand 4.Ignition Match 5.Single shot Crucible fitted with auto tapping thimble 6.Mould shoes (1 set for 50 weld portions) The following accessories shall be supplied 10% extra by the contractor at free of cost. Single shot Crucible fitted with auto tapping thimble, Three piece pre fabricated dry moulds, Luting sand and Ignition matches. Note: Rate is inclusive of transportation of above to SSE/P.Way stores
	Please see Item Breakup for details. 527662.00 7.68 568186.44
19	Description:- Item No 091040-25mm 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 anticorrosive painting to weld & marking of weld joint, as directed by engineer in-charge
	Please see Item Breakup for details. 7984811.00 7.68 8598044.48
21	Description:- Item No. 141020-Carrying out Through USFD testing of running rails & welds (excluding flange testing) including the full head width portion of SEJ, lead portion of points & crossings of all types of rails using 0° (4 MHz) and 70° (2 MHz) central forward & backward, 70° (2 MHz) gauge face corner forward & backward and 70° (2 MHz) field forward & backward probes by NBC (Need Based Concept) method under traffic conditions as per provisions of IR's "Manual & Specifications for Ultrasonic Testing of Rails and Welds" & related instructions, duly marking defects, submission of daily reports and storing back-up data, as specified & directed. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and as directed:
	Please see Item Breakup for details. 1989342.00 7.68 2142123.47
23	Description:- Item No 141030-Carrying out USFD testing of Alumino Thermic (AT) welds on all types of rails, using 0° (2 MHz) double crystal; 70° (2 MHz) 20mm x 20mm single crystal probe for head & flange testing; 2 nos. 45° (2 MHz) single crystal with tandom rig for testing from rail top to bottom & for half moon testing and 70° (2 MHz) 20mm x 20mm side looking probe by NBC (Need Based Concept) method under traffic conditions as per provisions of IR's "Manual & Specifications for Ultrasonic Testing of Rails and Welds" & related instructions duly marking the defects, submission of daily reports and storing back-up data as specified & directed. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and directed:
	Please see Item Breakup for details. 6622350.00 7.68 7130946.48
25	Description:- Item No 141040-Carrying out USFD testing of Flash Butt (FB) & Gas Pressure (GP) welds on all types of rails using 2 single crystal 45° (2 MHz) for head testing and one single crystal 70° (2 MHz) probe for web & flange testing by NBC (Need Based Concept) method under traffic conditions as per provisions of IR's "Manual & Specifications for Ultrasonic Testing of Rails and Welds" & related instructions, duly marking the defects, submission of daily reports and storing back-up data as specified & directed. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and directed:
	Please see Item Breakup for details. 83065.80 7.68 89445.25
27	Description:- Item No 141050- (USFD Testing of SEJ) USFD testing of Switch Expansion Joint (SEJ) by NBC (Need Based Concept) method under traffic conditions as per provisions of "IR's Manual & Specifications for Ultrasonic Testing of Rails and Welds" with latest amendments & related instructions, duly marking the defects, submission of daily reports and storing back-up data, as specified in the special conditions, as applicable to rail testing. the rates are
	Please see Item Breakup for details. 1589400.00 7.68 1711465.92

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29	of all lead liners, gre	& lift. Activities in asing of ERCs	nclude cutting and liner co	g of LWR/CW ntact area, li	R into convenient	panels of sp eping them	urs, tools & equipm pecified length, rem on rollers provided	oval of ERCs, d at every 15
	Hydraulic position, reseparately	Tensor to achiever- e-fixing ERCs & . 2. Rail cutting	ve the desire liners and and Hole dr	ed elongation adjustment o illing shall be	of gap at SEJs : paid separately (required, rer Note: (1) W 3) Opening	ons, pulling rails wi moving rollers and lelding of rail joints and closing of LC i rssing of LWR/CWI	placing rail in s will be paid f required will
0.4	131410	430000.00	Running Metre	29.27	12586100.00	7.68	13552712.48	
31	-			_	g of side drains in to keep drains clea		posing of muck be in cuttings etc.	yond Railway
32	131430	1492000.00	Track metre	34.45	51399400.00	7.68	55346873.92	
32	-	on:- Item No 13 entire profile upto			oting of weeds / j	ungle etc. a	nd dressing includ	ing scarifying
	Please see	tem Breakup f	or details.		21134000.00	7.68	22757091.20	
33	with all typadjustment shoulders to make the (4)Digging (5)Tighten supplied befallen fitting consolidation electrified acarrying on night. 3.State of the rate	pes of rails, sleet of ballast, heal / crib of adjoining mem visible to op, screening and ing of loose fitting Railway; (7) Cogs; (9) Removing on of ballast in sections (12) Dreut above work.	epers & sleeping-up of by g track upto perator, (3)C I replenishmings immediatorrecting disping and re-fixing crib / shopessing of bal 2. Tamping by tan 30% of templetion of bal parts of tan completion of the properties of the p	eper density allast, filling-i lead of 50 m elearing of ba ent of ballas ately before placed sleepeng joggled fisulders; (11)F last NOTE: 1 plocks are no he rate will b f post tampin	by various Track up of cavities in ta to ensure effective llast over rail foot that mud pumping after tamping; after tamping; are to position alones he plates a wood at the contractor to proposition in the paid on complet g. 4. Recovery at the position of the contractor to proposition of the paid on complet g. 4. Recovery at the position of the contractor to proposition of the paid on complet g. 4. Recovery at the paid on complet g. 4. Recovery at the position of the paid on the pa	Tamping mamping zone re packing; (a to facilitate g / rounded (6) Replacem gwith squariten blocks, wixing of tractivide minimulay be given a tion of pre tall he rate of two	achines, which ince by picking ballast 2)Clearing of ballast holding of rail by roballast in sleeper nent of broken / mg; (8)Re-setting or wherever necessary tion bonds during m 30 men with 2 stat any time either mping attention, b) rice the above application in the same of the sam	clude: (1)Re- from stacks / st on sleepers billers of TTM; crib location; hissing fittings f worked-out / /; (10)Manual the block in upervisors for during day or Balance 70%
	+			u, out p.o/c			ı	1
	Please see	e Item Breakup f	or details.		681838.50	7.68		
36	Please see Description crossing punservices	e Item Breakup for:- Item No 15 portion alongwit	or details. 1320-Pre, do h opening painting of r	uring & post the road, re unning rail &	681838.50 tamping operation emoving and re-fi	7.68 is, as mentic	734203.70 oned in Item no. 15 eck rails & fittings d surface to moto	51310 at level s, renewal of
36	Please see Description crossing punservices condition a	e Item Breakup for:- Item No 15 portion alongwitable sleepers, p	or details. 1320-Pre, di h opening painting of r over, as direc	uring & post the road, re unning rail &	681838.50 tamping operation emoving and re-fi	7.68 is, as mentic ixing of che ipleting road	oned in Item no. 15 eck rails & fittings d surface to moto	51310 at level s, renewal of rable smooth
36	Please see Description crossing punservices condition a Please see Description post-tampi machines, by picking (2) Clearing holding of ballast in tamping; (position ale & wooden	e Item Breakup for:- Item No 15 portion alongwith able sleepers, putter packing is one Item Breakup for:- Item No 15 ng works for tar which include: ballast from stag of ballast on sleeper crib loc 6) Replacement ongwith squaring blocks, OHE be	or details. 1320-Pre, did hopening painting of rever, as director details. 1350-(Unimal prince of the control	uring & post the road, reunning rail & sted for - at Machine F with all types tment of ball lers / crib of ake them visigging, scree thening of ke missing fitting worked-or obstruction	681838.50 tamping operation emoving and re-fit check rail, com 4135565.00 Related Works) Ca of rails, sleepers ast, heaping-up of adjoining track up ible to operator; (5 ning and replenish cose fittings includings supplied by F ut / fallen fittings; s, wherever nece	7.68 s, as menticitizing of che apleting road 7.68 arrying out p & sleeper de ballast, filling to lead of 50 B)Clearing of hment of bading check in Railway; (7)C (9)Removing ssary; (10)F	pred in Item no. 15 eck rails & fittings d surface to moto 4453176.39 are-tamping, during ensity by various T g-up of cavities in 0 m to ensure effe f ballast over rail fo allast at mud pump rails immediately b correcting displace g and re-fixing jogg Removing and re-fix	tamping and rack Tamping zone ctive packing; ot to facilitate ing / rounded lefore & after d sleepers to led fish plates
	Please see Description crossing punservices condition a Please see Description post-tampin machines, by picking (2) Clearing holding of ballast in tamping; (position alo & wooden bar, as dire	e Item Breakup for:- Item No 15 portion alongwith able sleepers, putter packing is one Item Breakup for:- Item No 15 ng works for tar which include: ballast from stag of ballast on sleeper crib loc 6)Replacement ongwith squaring blocks, OHE beceted; (11)Adjus	or details. 1320-Pre, did hopening painting of rever, as director details. 1350-(Unimamping track of (1)Re-adjusticks / should deepers to mf TTM; (4)D ation; (5)Tig of broken / g; (8)Re-settonds & other timent in ope	uring & post the road, reunning rail & ted for - at Machine F with all types tment of balk lers / crib of ake them visigging, scree thening of ke missing fitting worked-or obstruction and hou	681838.50 tamping operation moving and re-fig. check rail, come 4135565.00 Related Works) Cate of rails, sleepers ast, heaping-up of adjoining track up ible to operator; (3 ining and replenish obse fittings includings supplied by Fig. 1, and the process of the	7.68 s, as menticixing of che pleting road 7.68 arrying out p & sleeper de ballast, fillin to lead of 50 3) Clearing of hment of bading check in Railway; (7) Clearing operations operations operations as a second of the sting operations of the sting operations of the sting operations of the second of the sting operations of the sting operati	pned in Item no. 15 eck rails & fittings d surface to moto 4453176.39 pre-tamping, during gensity by various T grup of cavities in 0 m to ensure effer f ballast over rail fo ullast at mud pump rails immediately b correcting displace g and re-fixing jogg demoving and re-fix attion of points for	tamping and rack Tamping zone ctive packing; ot to facilitate ing / rounded sefore & after d sleepers to led fish plates king stretcher
	Please see Description crossing punservices condition at Please see Description post-tampi machines, by picking (2)Clearing holding of ballast in tamping; (position alo & wooden bar, as dire 131450 Description obstructing	e Item Breakup for:- Item No 15 portion alongwith able sleepers, putter packing is on the Item Breakup for:- Item No 15 ing works for tar which include: ballast from star of ballast on sleeper crib loc 6) Replacement ongwith squaring blocks, OHE betted; (11) Adjus 500.00 in:- Item No 13 g views of Curve including dispositions.	or details. 1320-Pre, di h opening painting of r over, as direct or details. 1350-(Unimal mping track of (1)Re-adjus toks / should leepers to m f TTM; (4)D ation; (5)Tig of broken / g; (8)Re-sett onds & other thment in open Each 31450-Trimm as/LCs / Sign	uring & post the road, reunning rail & sted for - at Machine F with all types tment of ballaters / crib of ake them visigging, scree thening of ke missing fitting worked-or obstruction and hou 148.27 ning of tree al / Indicator	681838.50 tamping operation emoving and re-fi check rail, com 4135565.00 Related Works) Ca of rails, sleepers ast, heaping-up of adjoining track up ible to operator; (3 ning and replenish cose fittings includings supplied by Fi ut / fallen fittings; s, wherever nece using of switch for 74135.00 branches coming at locations in sec	7.68 s, as menticixing of cheapleting road 7.68 arrying out p & sleeper de ballast, filling to lead of 56 3) Clearing of hment of bading check in Railway; (7) Clearing operations operations operations within 4m etion & statio	pned in Item no. 15 eck rails & fittings d surface to moto 4453176.39 pre-tamping, during gensity by various T grup of cavities in 0 m to ensure effer f ballast over rail fo ullast at mud pump rails immediately b correcting displace g and re-fixing jogg demoving and re-fix attion of points for	tamping and rack Tamping zone ctive packing; of to facilitate ing / rounded refore & after d sleepers to led fish plates xing stretcher rack & those d by Engineer
38	Please see Description crossing punservices condition a Please see Description post-tampin machines, by picking (2) Clearing holding of ballast in tamping; (position alo & wooden bar, as dire 131450 Description obstructing in-charge ic	e Item Breakup for:- Item No 15 portion alongwith able sleepers, putter packing is on the Item Breakup for:- Item No 15 ing works for tar which include: ballast from star of ballast on sleeper crib loc 6) Replacement ongwith squaring blocks, OHE betted; (11) Adjus 500.00 in:- Item No 13 g views of Curve including dispositions.	or details. 1320-Pre, did hopening painting of rever, as director details. 1350-(Unimamping track of the control of the cont	uring & post the road, reunning rail & sted for - at Machine F with all types tment of ballaters / crib of ake them visigging, scree thening of ke missing fitting worked-or obstruction and hou 148.27 ning of tree al / Indicator	681838.50 tamping operation emoving and re-fi check rail, com 4135565.00 Related Works) Ca of rails, sleepers ast, heaping-up of adjoining track up ible to operator; (3 ning and replenish cose fittings includings supplied by Fi ut / fallen fittings; s, wherever nece using of switch for 74135.00 branches coming at locations in sec	7.68 Is, as menticity as a second of the pleting road of the pleting road of the pleting road of the pleting out p & sleeper de ballast, filling to lead of 50 (3) Clearing of hment of balding check in Railway; (7) Clearing operation (9) Removing ssary; (10) Fitesting operation operation & station & station & station (Note: Girth	pned in Item no. 15 eck rails & fittings d surface to moto 4453176.39 re-tamping, during gensity by various Tr grup of cavities in 0 m to ensure effet f ballast over rail fo allast at mud pump rails immediately b correcting displace- grand re-fixing jogg Removing and re-fix ation of points for - 79828.57 of centre line of the of myard, as specified of more than 30 c	tamping and rack Tamping zone ctive packing; ot to facilitate ing / rounded refore & after d sleepers to led fish plates xing stretcher rack & those d by Engineer m will only be
38	Please see Description crossing punservices condition a Please see Description post-tamping machines, by picking (2) Clearing holding of ballast in tamping; (position alo & wooden bar, as dire 131450 Description obstructing in-charge in considered Please see Description animal car	e Item Breakup for:- Item No 15 portion alongwith able sleepers, putter packing is on the Item Breakup for:- Item No 15 mg works for tar which include: ballast from star of ballast on sleeper crib loc 6)Replacement ongwith squaring blocks, OHE be bected; (11)Adjus 500.00 por:- Item No 13 giviews of Curve including disposations:- Item No 13 cass, cow dung.	or details. 1320-Pre, did hopening painting of rever, as director details. 1350-(Unimamping track of the control of the cont	uring & post the road, reunning rail & sted for - at Machine F with all types tment of ballaters / crib of ake them visigging, screet, thening of ke missing fitting worked-or obstruction and hou 148.27 hing of tree al / Indicator es, bushes or rail of all types eepings etc. f	681838.50 tamping operation emoving and re-fig check rail, come 4135565.00 telated Works) Cate of rails, sleepers ast, heaping-up of adjoining track up ible to operator; (3 ning and replenish ose fittings includings supplied by Fut / fallen fittings; s, wherever necesusing of switch for 74135.00 branches coming at locations in secution at location	7.68 s, as menticixing of cheapleting road 7.68 arrying out p & sleeper de ballast, filling to lead of 56 3) Clearing of the ballast, filling check in the standard check in the	and in Item no. 15 beck rails & fittings of surface to moto 4453176.39 bre-tamping, during gensity by various Togrup of cavities in 0 m to ensure effet of ballast over rail for collast at mud pump rails immediately becorrecting displace of and re-fixing jogg demoving and re-fixing jogg demoving and re-fixing of the properties of the	tamping and rack Tamping zone ctive packing; ot to facilitate ing / rounded refore & after d sleepers to led fish plates xing stretcher rack & those d by Engineer m will only be aste material,

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from centre of track with Railway's earth including cutting of earth, leading, benching, filling, dressing outling of grass / shrubs / trees etc.; watering, compaction by ramming and leveling of earth for longitudinal & cross- sectional profile, as directed Note: [Rate also includes repairs of trolley refuges pulling ballast back upto formation level to avoid impounding of ballast and there after putting the pull back after cess repairs etc. 111090 2000.00 cum		Descriptio	n:- Item No 11108	0-Earthwork	for repairi	ng to cess by cut	ting or raising o	of existing cess u	ıpto 4 metre
back after cess repairs etc. 111090 2000.00 cum 364.59 729180.00 7.68 785181.02 Description:- Item No 111090-Repairing of embankment with contractor's own earth including , ex loading into contractor's vehicle with soil quality class SQ1 in cess / formation / level crossing, rain c running line to make surface to the desired level and slope to entire satisfaction of Engineer in-charge, include sectioning to profile, all lift, descends, ascends, crossing of track / road / nailah etc. including b clods etc. and compaction by rollers / rammers / tamping rods etc. Please see Item Breakup for details. 1929226.20 7.68 2077390.77 Description:- Item No 201110-Manufacturing, fabricating and supplying retro-reflective sign boards. 2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with high encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in black or other colour combination including subject matter, message, symbols, borders etc. as api Engineer In-charge or as per IRPVM guidelines, pasted on substrate by an adhesive backing which activated by applying heat and pressure conforming to class-2 of ASTM-D4956-01 and fixing the : suitable sized aluminium allor yrisets @ 20 cm c/c to back- support frame of M S. angle iron of size 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm 5mm to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board sh non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of ep Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed by Engineer in-charge in charge. (Note : (1) Contractor shall arrange one gang at any po comprising of minimum 20 abours with sufficient experience in PMay working and one P Way Supervi case, contractor provides less no. of Labour / Supervisor, payment will be deducted @ 10% of the accepter person)		cutting of longitudinal	grass / shrubs / · I & cross- sectiona	trees etc.; al profile, as	watering, c directed N	compaction by ra Note: [Rate also	amming and le includes repairs	veling of earth s of trolley refug	for required es including
Description:- Item No 111090-Repairing of embankment with contractor's own earth including , ex loading into contractor's vehicle with soil quality class SQ1 in coss / formation / level crossing, rain c running line to make surface to the desired level and slope to entire satisfaction of Engineer in-charge, include sectioning to profile, all lift, descends, ascends, crossing of track / road / nallah etc. including b clods etc. and compaction by rollers / rammers / tamping rods etc. Please see Item Breakup for details. 1929226.20 7.68 2077390.77 Description:- Item No 201110-Manufacturing, fabricating and supplying retro-reflective sign boards. 2mm thick aluminium composite sheet, face to be fully covered with hig encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 is black or other colour combination including subject matter, message, symbols, borders etc. as app Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the activated by applying heat and pressure conforming to remain a manufacturing to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board shon-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of eyerical post shall have black & white anti-corrosive paint or powder coating complete, as directed 131270 1460.00 Day 1477.31 21487272.60 7.68 23137495.14 Description:- Item No 131270-Main		-	-			,			
loading into contractor's vehicle with soil quality class SQ1 in cess / formation / level crossing, rain c running line to make surface to the desired level and slope to entire satisfaction of Engineer in-charge, include sectioning to profile, all lift, descends, ascends, crossing of track / road / nallah etc. including b clods etc. and compaction by rolliers / rammers / tamping rods etc. Please see Item Breakup for details. 1929226.20 7.68 2077390.77 Description:- Item No 201110-Manufacturing, fabricating and supplying retro-reflective sign boards, 2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with biack or other colour combination including subject matter, message, symbols, borders etc. as ap Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the suitable sized aluminium alloy rivets @ 20 cm c/c to back- support frame of M.S. angle iron of size 25mm 5mm to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board hon-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of ep Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed 131270 1460.00 Day 14717.31 21487272.60 7.68 23137495.14 Description:- Item No 131270-Maintenance of track on main line & loops, Points & crossings etc. includi attention to section for carrying out various maintenance works listed in Indian Railways P.Way Manux Manual / LWR Manual for safe running of goods and passenger trains with contractor's tolos / lal complete, as directed by Engineer in-charge, (Note : (1) Contractor shall arrange one gang at any pocomprising of minimum 20 labours with sufficient experience in P.Way working and one P.Way Supervicase, contractor provides less no. of Labour / Supervisor, payment will be deductore) in charge NOTE: - 1.Tl deployed for p		111090	2000.00	cum	364.59	729180.00	7.68	785181.02	
Description:- Item No 201110-Manufacturing, fabricating and supplying retro-reflective sign boards. 2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with hig encapsulated type heat activated retro- reflective sheeting conforming to to type-IV of ASTM- D4956-01 in black or other colour combination including subject matter, message, symbols, borders etc. as applement in charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the suitable sized aluminium alloy rivets @ 20 cm c/c to back- support frame of M.S. angles of 1 and fixing the suitable sized aluminium alloy rivets @ 20 cm c/c to back- support frame of M.S. angles of size 35mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm x 5mm to a vertical post made up of M.S. Tee section ISMT 50mm x 50mm x 6mm, back side of board sh non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of ep Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed 131270	4	loading into running line include sec	o contractor's vehice to make surface stioning to profile, a	cle with soil to the desire all lift, desce	quality clased level and nds, ascen	ss SQ1 in cess / I slope to entire s ds, crossing of tra	formation / leveratisfaction of E	el crossing, rain ngineer in-charge	cuts etc. ir e. Rate shal
2mm thick aluminum sheet or 3mm thick aluminium composite sheet, face to be fully covered with hig encapsulated type heat activated retror reflective sheeting conforming to type-IV of ASTM- D4956-01 iblack or other colour combination including subject matter, message, symbols, borders etc. as aping the property of the suitable sized aluminium alloy rivets @ 20 cm c/c to back- support frame of M.S. angle iron of size 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angle iron of size 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angle iron of size 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angle iron of size 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angle iron of size 25mm x 3mm alongwith theft resistant measures, mounted and fixed with 2 nos. M.S. angles of size 35mm 5mm to a vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed 131270		Please see	Item Breakup for o	details.		1929226.20	7.68	2077390.77	
Description:- Item No 131270-Maintenance of track on main line & loops, Points & crossings etc. includi attention to section for carrying out various maintenance works listed in Indian Railways P.Way Manual Manual / LWR Manual for safe running of goods and passenger trains with contractor's tools / lal complete, as directed by Engineer in- charge. {Note: (1) Contractor shall arrange one gang at any po comprising of minimum 20 labours with sufficient experience in P.Way working and one P.Way Supervi case, contractor provides less no. of Labour / Supervisor, payment will be deducted @ 10% of the acciper person} Please see Item Breakup for details. 20032820.00 7.68 21571340.58 Description:- Item No 131480-Patrol man for patrolling during cold / hot weather on track for protecting all contractor's labour, tools, plants etc. complete as directed by Engineer In charge [NOTE: 1.Th deployed for patrolling must have the following items: "Valid certificate of competency issued by Railway fit for A-3 medical category. 2.The following equipment will be supplied by for each patrolman and same to be handed over back to Railways in good condition: "Detonators - 10 not bursted detonators to be handed over back and report with reasons for use. "Tro clour Torch - 1no. "I list to be supplied by railway to be mentioned. "Canne -a - boule. (if required) 3.The following equipm arranged by contractor for each patrol man. H.S.Flags green-1 No (Std size),H.S. Flags -Red-2 size),Torch light 3 cell-1 no, Staff for flags-1no,Whistle Thunder- 1no,Protective clothing to withstand clim boots, Haver sack Please see Item Breakup for details. 7244900.00 7.68 7801308.32 Description:- Item No 131490-Patrol man for monsoon / security patrolling whenever required for port track with all contractor's labour, tools and plants etc. complete and as directed by Engineer in-charge a IRPWM (for a duration of 12 hours) NOTE:- 1.The person deployed for patrolling must have the follow "Valid certificate of competency issued by Railways. "Medical certifi	5	2mm thick encapsulate black or of Engineer In activated be suitable sized a mon-peelab	aluminum sheet or ed type heat activa ther colour combin n-charge or as pe by applying heat a ed aluminium alloy ngwith theft resista rertical post made to the weather-proof p	r 3mm thick ated retro- renation includer IRPWM grand pressure rivets @ 20 ant measure up of M.S. Toaint, consis	aluminium eflective sh ding subject uidelines, per er conformin or c/c to lead, mounted fee section ting of one	composite sheet eeting conforming the matter, message assted on substrated to class-2 of a coack-support frail and fixed with 2 ISMT 50mm x 50 coat of zinc chrosens.	, face to be full g to type-IV of a ge, symbols, b ate by an adhe ASTM-D-4956-0 me of M.S. ang nos. M.S. ang mm x 6mm, ba omate primer a	y covered with h ASTM- D4956-01 orders etc. as a esive backing who D1 and fixing the le iron of size 25 iles of size 35mr ck side of board and two coats of	igh intensity I in yellow & approved by iich shall be e same with mm x 25mm n x 35mm x shall be with
attention to section for carrying out various maintenance works listed in Indian Railways P.Way Manual Manual / LWR Manual for safe running of goods and passenger trains with contractor's tools / lat complete, as directed by Engineer in- charge. {Note: (1) Contractor shall arrange one gang at any po comprising of minimum 20 labours with sufficient experience in P.Way working and one P.Way Supervicase, contractor provides less no. of Labour / Supervisor, payment will be deducted @ 10% of the accept person} Please see Item Breakup for details. Description:- Item No 131480-Patrol man for patrolling during cold / hot weather on track for protecting all contractor's labour, tools, plants etc. complete as directed by Engineer In charge [NOTE:- 1.TI deployed for patrolling must have the following items: *Valid certificate of competency issued by Railways certificate issued by Railway fit for A-3 medical category. 2.The following equipment will be supplied by for each patrolman and same to be handed over back to Railways in good condition: *Detonators - 10 nc. *I list to be supplied by railway to be mentioned. *Canne -a - boule.(if required) 3.The following equipmarranged by contractor for each patrol man. H.S.Flags green-1 No (Std size),H.S. Flags -Red-2 size),Torch light 3 cell-1 no, Staff for flags-1no,Whistle Thunder- 1no,Protective clothing to withstand clim boots,Haver sack Please see Item Breakup for details. 7244900.00 7.68 7801308.32 Description:- Item No 131490-Patrol man for monsoon / security patrolling whenever required for protective with all contractor's labour, tools and plants etc. complete and as directed by Engineer in-charge a IRPWM (for a duration of 12 hours) NOTE:- 1.The person deployed for patrolling must have the follow *Valid certificate of competency issued by Railways. *Medical certificate issued by Railway fit for Acategory. 2.The following equipment will be supplied by Railways per each patrol man and required to be over back to Railways in good condition: *Detonators - 10nos.(in a t		131270	1460.00	Day	14717.31	21487272.60	7.68	23137495.14	
Description:- Item No 131480-Patrol man for patrolling during cold / hot weather on track for protecting all contractor's labour, tools, plants etc. complete as directed by Engineer In charge [NOTE:- 1.Tl deployed for patrolling must have the following items: •Valid certificate of competency issued by Railways certificate issued by Railways fit for A-3 medical category. 2.The following equipment will be supplied by for each patrolman and same to be handed over back to Railways in good condition: •Detonators - 10 no bursted detonators to be handed over back and report with reasons for use. •Tri colour Torch - 1no. •f list to be supplied by railway to be mentioned. •Canne -a - boule.(if required) 3.The following equipm arranged by contractor for each patrol man. H.S.Flags green-1 No (Std size),H.S Flags -Red-2 size),Torch light 3 cell-1 no, Staff for flags-1no,Whistle Thunder- 1no,Protective clothing to withstand clin boots,Haver sack Please see Item Breakup for details. 7244900.00 7.68 7801308.32 Description:- Item No 131490-Patrol man for monsoon / security patrolling whenever required for protective with all contractor's labour, tools and plants etc. complete and as directed by Engineer in-charge a IRPWM (for a duration of 12 hours) NOTE:- 1.The person deployed for patrolling must have the follow •Valid certificate of competency issued by Railways. •Medical certificate issued by Railway fit for A-category. 2.The following equipment will be supplied by Railways per each patrol man and required to be over back to Railways in good condition: •Detonators - 10nos.(in a tin case), if used, bursted detonal handed over back with reasons for use. •Tri Colour Torch - 1no. •Patrol chart. •Patrol book. 3.The equipment to be arranged by contractor for each patrol man: •H.S.flags green - 1no.(standard size) •H.S 2nos(standard size) •Torch (3 cell) - 1no. •Staff for flags - 1no. •Whistle thunder - 1no. protective withstand the climate Gum boots Haver sack 4. Wherever 2 or more tracks are parallel with in track ceron	3	attention to Manual / L complete, a comprising case, contr	o section for carrying. WR Manual for some sassed by Engor of minimum 20 lab actor provides less	ng out vario afe running ineer in- cha bours with s	us mainten of goods arge. {Note ufficient ex	ance works listed and passenger : (1) Contractor perience in P.Wa	d in Indian Rail trains with con shall arrange o y working and o	ways P.Way Mar tractor's tools / ne gang at any one P.Way Supe	nual / Bridge labours etc. point of time rvisor. (2) In
all contractor's labour, tools, plants etc. complete as directed by Engineer In charge [NOTE:- 1.Th deployed for patrolling must have the following items: •Valid certificate of competency issued by Railways certificate issued by Railways fit for A-3 medical category. 2.The following equipment will be supplied by for each patrolman and same to be handed over back to Railways in good condition: •Detonators - 10 not bursted detonators to be handed over back and report with reasons for use. •Tri colour Torch - 1no. •Example of the supplied by railway to be mentioned. •Canne -a - boule.(if required) 3.The following equipment arranged by contractor for each patrol man. H.S.Flags green-1 No (Std size),H.S. Flags -Red-2 size),Torch light 3 cell-1 no, Staff for flags-1no,Whistle Thunder- 1no,Protective clothing to withstand clin boots,Haver sack Please see Item Breakup for details. Please see Item Breakup for details. 7244900.00 7.68 7801308.32 Description:- Item No 131490-Patrol man for monsoon / security patrolling whenever required for protective with all contractor's labour, tools and plants etc. complete and as directed by Engineer in-charge at IRPWM (for a duration of 12 hours) NOTE:- 1.The person deployed for patrolling must have the follow. •Valid certificate of competency issued by Railways. •Medical certificate issued by Railway fit for Acategory. 2.The following equipment will be supplied by Railways per each patrol man and required to the over back to Railways in good condition: '• Detonators - 10nos.(in a tin case), if used, bursted detonated over back with reasons for use. •Tri Colour Torch - 1no. •Patrol chart. •Patrol book. 3.The equipment to be arranged by contractor for each patrol man: •H.S.flags green - 1no.(standard size) •H.S 2nos(standard size) •Torch (3 cell) - 1no. •Staff for flags - 1no. •Whistle thunder - 1no. protective withstand the climate Gum boots Haver sack 4. Wherever 2 or more tracks are parallel with in track cerone patrol man will be sufficient. •Wherever the track cent		Please see	Item Breakup for o	details.		20032820.00	7.68	21571340.58	
Description:- Item No 131490-Patrol man for monsoon / security patrolling whenever required for protrack with all contractor's labour, tools and plants etc. complete and as directed by Engineer in-charge a IRPWM (for a duration of 12 hours) NOTE:- 1.The person deployed for patrolling must have the follow •Valid certificate of competency issued by Railways. •Medical certificate issued by Railway fit for Acategory. 2.The following equipment will be supplied by Railways per each patrol man and required to be over back to Railways in good condition: '• Detonators - 10nos.(in a tin case), if used, bursted detonated handed over back with reasons for use. •Tri Colour Torch - 1no. •Patrol chart. •Patrol book. 3.The equipment to be arranged by contractor for each patrol man: •H.S.flags green - 1no.(standard size) •H.S 2nos(standard size) •Torch (3 cell) - 1no. •Staff for flags - 1no. •Whistle thunder - 1no. protective with stand the climate Gum boots Haver sack 4. Wherever 2 or more tracks are parallel with in track cerone patrol man will be sufficient. •Wherever the track centers are more than 50m. Separate patrol or	4	all contract deployed for certificate is for each pa bursted det list to be s arranged to size),Torch boots,Have	tor's labour, tools, or patrolling must he ssued by Railway to trolman and same tonators to be hand upplied by railway by contractor for light 3 cell-1 no, Ser sack	plants etc. ave the follo fit for A-3 m to be hande ded over bat to be ment each patro taff for flags	complete wing items: edical cate ed over bac ack and reptioned. •Call man. H.S	as directed by E Valid certificate gory. 2.The follow k to Railways in g ort with reasons nne -a - boule.(if S.Flags green-1 e Thunder- 1no,F	ingineer In cha of competency ving equipment lood condition: for use. •Tri col required) 3.Th No (Std size) Protective clothi	arge [NOTE:- 1. issued by Railwa will be supplied Detonators - 10 our Torch - 1no. ie following equi igh.S Flags -Rec ing to withstand of	The person tys. •Medical by Railways nos. if used, •Equipment pment to be d-2 Nos(Std
track with all contractor's labour, tools and plants etc. complete and as directed by Engineer in-charge at IRPWM (for a duration of 12 hours) NOTE:- 1.The person deployed for patrolling must have the follow •Valid certificate of competency issued by Railways. •Medical certificate issued by Railway fit for Acategory. 2.The following equipment will be supplied by Railways per each patrol man and required to be over back to Railways in good condition: '• Detonators - 10nos.(in a tin case), if used, bursted detonated handed over back with reasons for use. •Tri Colour Torch - 1no. •Patrol chart. •Patrol book. 3.The equipment to be arranged by contractor for each patrol man: •H.S.flags green - 1no.(standard size) •H.S 2nos(standard size) •Torch (3 cell) - 1no. •Staff for flags - 1no. •Whistle thunder - 1no. protective with stand the climate Gum boots Haver sack 4. Wherever 2 or more tracks are parallel with in track cerone patrol man will be sufficient. •Wherever the track centers are more than 50m. Separate patrol results.		Please see	Item Breakup for o	details.		7244900.00	7.68	7801308.32	
deputed for each track & extra payment will be made for such case. 5. Route KM means including both L	6	track with a IRPWM (fo •Valid certicategory. 2 over back handed ovequipment - 2nos(st withstand tone patrol	all contractor's labor a duration of 12 ficate of competer. The following equito Railways in gooer back with rease to be arranged by tandard size) •Torche climate Gum bor man will be sufficient	ur, tools and hours) NOT ney issued I ipment will be decondition: ons for use contractor for (3 cell) - oots Haver sient. •Where	d plants etc E:- 1.The p by Railways be supplied '• Detonate c. •Tri Color or each pate 1 no. •Staf ack 4. Whe ever the tra	complete and a person deployed s. •Medical certification by Railways per pers - 10nos. (in a person of the content of the cont	s directed by Enfor patrolling model issued by each patrol matin case), if use Patrol chart. • s green - 1no.(s) • Whistle thuncaracks are parallinore than 50m	ngineer in-charge ust have the follow Railway fit for n and required to ed, bursted deto Patrol book. 3.T standard size) •Her - 1no. protect lel with in track of Separate patro	e and as per bwing items: A-3 medical be handed nators to be he following I.S. flags red ctive cloth to sentres 50m. I man to be
191300 7500.00 Metre 185.34 1390050.00 7.68 1496805.84		191300	7500.00	Metre	185.34	1390050.00	7.68	1496805.84	
Description:- Item No 191300-Clearing waterway of major & minor bridges by removing weeds / shrubs removing silt deposit, filling scours, if any upto 10 metre from centre of bridge on either side including waste and silt away from span)(Rates are for a single line and per metre of bridge span)					uotoriuov of				
Please see Item Breakup for details. 593965.00 7.68 639581.51	9	removing s	ilt deposit, filling so	cours, if any	upto 10 m	etre from centre	of bridge on ei	ther side includir	

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Tender No: DFCCIL_TDL_EN_MAINT_2021 Closing Date/Time: 18/10/2021 15:00

Description:- Item No 52070-Grouting of masonry/concrete by injection process duly Sealing of cracks, through nipples complete as per Technical Specification and procedure given in IRBM Para No 209 including necessary admixutre. (Cement wil be paid extra)

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedu	le B-Schedul	e B As Per	CPWD DSR 20)18			35020000.00	Above/ Below/Par
62	Chapter 1	1.00	Lumpsum	3000000.00	3000000.00	3.00	3090000.00	
02	Description	1:- Carriage	e of Materials					
63	Chapter 6	1.00	Lumpsum	2000000.00	2000000.00	3.00	2060000.00	
03	Description	ı:- Masona	ry Work					
64	Chapter 9	1.00	Lumpsum	2000000.00	2000000.00	3.00	2060000.00	
04	Description	ı:- Wood a	nd PVC Work				_	
65	Chapter 10	1.00	Lumpsum	2000000.00	2000000.00	3.00	2060000.00	
65	Description	1:- Steel						
66	Chapter 21	1.00	Lumpsum	1000000.00	1000000.00	3.00	1030000.00	
00	Description	ı:- Aluminiւ	ım Work					
67	Chapter 11	1.00	Lumpsum	4000000.00	4000000.00	3.00	4120000.00	
67	Description	1:- Finishin	g					
68	Chapter 17	1.00	Lumpsum	4000000.00	4000000.00	3.00	4120000.00	
00	Description	1:- Sanitary	Installation					
60	Chapter 18	1.00	Lumpsum	4000000.00	4000000.00	3.00	4120000.00	
69	Description	1:- Water S	upply					
70	Chapter 19	1.00	Lumpsum	4000000.00	4000000.00	3.00	4120000.00	
70	Description	1:- Drainag	e and Sewerag	je			<u>.</u>	
74	All Other	1.00	Lumpsum	8000000.00	8000000.00	3.00	8240000.00	
71	Description	ı:- Chapter	s not included	above Ch 2,3,4	4,5,7,8,12,13,14,	15,16,20,22,2	23,24,25 & 26	

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedul	le C-Sched	ule C NS Mis	cellaneous W	ork			2764930.00	Above/ Below/Par
	Α	1000.00	Kilo Litre	82.08	82080.00	AT Par	82080.00	
72			of drinking sw e arrangemen	•	ntractors own tan	kers and otl	ner arrangements	and filling in
70	Α	1.00	Lumpsum	2682850.00	2682850.00	AT Par	2682850.00	
73	Description	on:- Drainage	e arrangemen	t at RUBs during	Monsoon.			

S.No.	Item	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
	Code							
Schedul	e D-Schedu	le D NS Mai	npower Sup	ply			19818624.00	Above/ Below/Par
74	A	480.00	Man- Month	16226.00	7788480.00	AT Par	7788480.00	
	Descriptio	n:- Safaiwa	la Cum Mali	icum Pump op	erator			
75	А	48.00	Man- Month	19568.00	939264.00	AT Par	939264.00	
	Descriptio	n:- Carpent	er					
76	А	48.00	Man- Month	19568.00	939264.00	AT Par	939264.00	
	Descriptio	n:- Plumber						
77	А	48.00	Man- Month	19568.00	939264.00	AT Par	939264.00	
, ,	Descriptio	n:- Electricia	an					

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Tender No: DFCCIL_TDL_EN_MAINT_2021 Closing Date/Time: 18/10/2021 15:00

78	А	288.00	Man- Month	16226.00	4673088.00	AT Par	4673088.00	
	Descriptio	n:- Upkeep	of running r	oom/rest hous	se, Office boy etc.			
79	А	48.00	Man- Month	19568.00	939264.00	AT Par	939264.00	
	Descriptio	n:- Supervis	sor for hous	ekeeping				
00	Α	240.00	Per Month	15000.00	3600000.00	AT Par	3600000.00	
80	Descriptio	n:- House u	ıpkeep sanit	ary materials.				

3. ITEM BREAKUP

	Schedu	le A-Schedule A As Per USSOR 2019				
Item- 01	fish plat cess, as	-061020-Removing rail of all types & length from track, laid es, fastenings & fish bolts and other materials alongwith ke s directed by Engineer in-charge. (cutting & drilling of rail sh affic block & Railway's supervision)	eping rele	ased rail an	d all materi	als safely on
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	061023	Item No. 061023- BG Track - For Casual/Scattered Renewal work	Running Metre	2000.00	42.84	85680.00
	•			•	Total	85680.00
Item- 03	specifie	061030-Insertion of rails of all types & length in track, laid d gauge. Rates include fastening of rail with sleepers with s nd bolts or, if required, providing gap for welding. (drilling a	standard se	et of fasteni	ngs and fixi	ng of fish
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	061033	Item No 061033-BG Track - For Casual/Scattered Renewal work	Running Metre	2000.00	54.40	108800.00
					Total	108800.00
Item- 05	location	061090-Replacement of sleepers in track with sleepers lying with all fittings complete to specified gauge & cross level of ballast, as directed by Engineer in-charge. Released m	with contra	ctor's tools	including p	acking and
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	061091	Item No 061091-BG Track (PSC to PSC sleepers)	Each	2000.00	502.70	1005400.00
					Total	1005400.00
		061200-Cutting / cropping of rail of 60Kg - 90 UTS, manual				tractor's
Item- 07	blade a	hacksaw blade and tools & plants - NOTE: 1.Manual cutting rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is hacksaw blades only.	be arrang	ed in time. 2	2.Cutting of	ncies with Rails with
S No.	blade a	rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is	be arrang	ed in time. 2	2.Cutting of	ncies with Rails with
	blade and through Item No	rmission of sectional ADEN where machine cutting can not nd forcing to part by using other means to break the rails is hacksaw blades only.	be arrang prohibited	ed in time. 2 I. 3.Rails sh	2.Cutting of ould be cut	ncies with Rails with right
S No.	blade arthrough Item No 061201	rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is hacksaw blades only. Description of Item	be arrang s prohibited Unit	ed in time. 2 I. 3.Rails sh Qty	2.Cutting of ould be cut	ncies with Rails with right Amount
S No.	blade arthrough Item No 061201	rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is hacksaw blades only. Description of Item Item No. 061201- On Cess	be arrang s prohibited Unit	ed in time. 2 I. 3.Rails sh Qty 100.00	2.Cutting of ould be cut Rate 351.38	ncies with Rails with right Amount 35138.00
S No.	blade at through Item No 061201 061202 Item No	rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is hacksaw blades only. Description of Item Item No. 061201- On Cess	be arrang prohibited Unit Each Each	Qty 100.00 300.00	Rate 351.38 550.56 Total	Amount 35138.00 165168.00 200306.00
S No. 1 2	Item No contract	rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is hacksaw blades only. Description of Item Item No. 061201- On Cess Item No 061202- In-situ situation 061210- Drilling of hole in rail of any section and any UTS.	be arrang prohibited Unit Each Each	Qty 100.00 300.00	Rate 351.38 550.56 Total	Amount 35138.00 165168.00 200306.00
\$ No. 1 2 Item- 10	Item No contract	rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is hacksaw blades only. Description of Item Item No. 061201- On Cess Item No 061202- In-situ situation 061210- Drilling of hole in rail of any section and any UTS, tor's labours, tools & plants, consumables etc. for - Description of Item	be arrang prohibited Unit Each Each , manually	Qty 100.00 300.00 (in emerger	Rate 351.38 550.56 Total ncies only)	Amount 35138.00 165168.00 200306.00 with
\$ No. 1 2 Item- 10	Item No contract	rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is hacksaw blades only. Description of Item Item No. 061201- On Cess Item No 061202- In-situ situation 061210- Drilling of hole in rail of any section and any UTS, tor's labours, tools & plants, consumables etc. for -	be arrang prohibited Unit Each Each	Qty 100.00 300.00 (in emerger	Rate 351.38 550.56 Total ncies only) Rate	Amount 35138.00 165168.00 200306.00 with Amount 177288.00
\$ No. 1 2 Item- 10	Item No contract Item No 061201 Item No contract Item No 061211	rmission of sectional ADEN where machine cutting can not not forcing to part by using other means to break the rails is hacksaw blades only. Description of Item Item No. 061201- On Cess Item No 061202- In-situ situation 061210- Drilling of hole in rail of any section and any UTS, tor's labours, tools & plants, consumables etc. for - Description of Item Item No 061211- Hole of dia. 25mm and above	be arrang prohibited Unit Each Each , manually Unit Unit	ed in time. 2 I. 3.Rails sh Qty 100.00 300.00 (in emerger Qty 800.00	Rate 351.38 550.56 Total Incies only) Rate 221.61 Total	Amount 35138.00 165168.00 200306.00 with Amount 177288.00 177288.00

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<u> </u>	061222	Item No 061222- Rail section of 52Kg and above	Each	200.00	145.49	29098.00
					Total	29098.0
Item- 14	fittings,	131020- Picking up of slacks in track, as directed by Enginduly opening up ballast, gauging, alignment, correcting long and dressing the same under traffic conditions (as per India)	gitudinal &	cross levels	s, packing,	boxing of
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	131021	Item No 131021-For PSC Sleeper (BG)	Track metre	20000.00	81.37	1627400.0
			•	•	Total	1627400.0
ltem- 17	specific Single s manual consum be supp Dry Moi with aut 10% ex fabricat	g for 25mm gap by the process of AT welding along with coation laid down in Indian Railway Standard specification Nowhot crucible fitted with Automatic Tapping Thimble Technol by pressed for execution of welding of rail joint and compressable stores complete and as directed by the engineer in challed. 1. Alumino Thermic welding Portion @40<47@52 kg) and @40<47@52 Kg) as per IRS T-19-2012 3. Luting Sand 4 to tapping thimble 6. Mould shoes (1 set for 50 weld portions that by the contractor at free of cost. Single shot Crucible fitted by moulds, Luting sand and Ignition matches. Note: Ra	.IRST-19-2 logy, 3 pieces sed air peces at site arge at site as per IRS logition Mes) The followed with aurope	2012 up to come when the common to common the common to common the common the common to common the common to common the c	late correct Zircon was techniques wing acces 2.3 piece Ple shot Crusories shall nimble, Thr	tion slips withed) sincluding sories shall re-fabricate cible fitted I be supplied ee piece pro
S No.	Item	Vay stores Description of Item	Unit	Qty	Rate	Amount
	No 091011	9 , 1	Each	200.00	3127.56	625512.0
		Compressed Air Petrol heating technique				
	1	Compressed Air Petrol heating technique 091040-25mm gap 'in-situ' welding and finishing of rail joir	-		-	al under
	traffic b other sk grinding Single s asbesto All othe anti cor	091040-25mm gap 'in-situ' welding and finishing of rail joir lock with Railway's welding portion under Railway's supervisilled labour, including consumables tools & equipments. Ite of weld, finished to meet the weld tolerances. Only welding thot crucible/Conventional Crucible, mould shoes, pre-fabrics powder, igniter, thimble and magnesite powder as per more tools, equipments etc. including fuel for pre-heating will be resive painting to weld & marking of weld joint, as directed by	sion by contemporation and includes ag portion a cated dry ethod of we arranged by engineer	ntractor's co s use of wel- and related mould, luting elding will be by contract er in-charge	ding Manual impetent wid trimmer a consumabli g sand, clo e supplied or. Item als	al under elder and and & es, e.g. sing pin, by Railways
Item- 19 S No.	traffic b other sk grinding Single s asbesto All othe	091040-25mm gap 'in-situ' welding and finishing of rail joir lock with Railway's welding portion under Railway's supervisilled labour, including consumables tools & equipments. Ite of weld, finished to meet the weld tolerances. Only welding the crucible/Conventional Crucible, mould shoes, pre-fabrics powder, igniter, thimble and magnesite powder as per more tools, equipments etc. including fuel for pre-heating will be	sion by content includes ag portion a cicated dry ethod of we arranged	ntractor's co s use of wel- and related mould, luting elding will be by contract	ding Manual Impetent wild trimmer a consumabling sand, clo e supplied	al under elder and and & es, e.g. sing pin, by Railways
	traffic b other sk grinding Single s asbesto All othe anti cor Item No	091040-25mm gap 'in-situ' welding and finishing of rail joir lock with Railway's welding portion under Railway's supervisilled labour, including consumables tools & equipments. Ite of weld, finished to meet the weld tolerances. Only welding thot crucible/Conventional Crucible, mould shoes, pre-fabrics powder, igniter, thimble and magnesite powder as per more tools, equipments etc. including fuel for pre-heating will be resive painting to weld & marking of weld joint, as directed by	sion by corem includes g portion a icated dry ethod of w e arranged by enginee Unit	ntractor's co s use of wel- and related mould, luting elding will be by contract er in-charge	ding Manual dimpetent with the distribution of	al under elder and and & es, e.g. sing pin, by Railways so includes
	traffic b other sk grinding Single s asbesto All othe anti cor Item No	091040-25mm gap 'in-situ' welding and finishing of rail joir lock with Railway's welding portion under Railway's supervisibled labour, including consumables tools & equipments. Ite of weld, finished to meet the weld tolerances. Only welding thot crucible/Conventional Crucible, mould shoes, pre-fabrics powder, igniter, thimble and magnesite powder as per more tools, equipments etc. including fuel for pre-heating will be rosive painting to weld & marking of weld joint, as directed by the Code 091041-For 60 Kg Rail, Single shot crucible fitted with Automatic Tapping Thimble Technology, 3 pieces Mould (Zircon washed) and Compressed Air Petrol	sion by corem includes g portion a icated dry ethod of w e arranged by enginee Unit	ntractor's co s use of wel- and related mould, luting elding will be by contract er in-charge	ding Manual dimpetent with distribution of the	al under elder and and & es, e.g. sing pin, by Railways so includes Amount
S No.	traffic bother skingrinding Single sasbesto All other anti condition of the full land the full land for provision marking single sasbesto All other anti condition of the full land the	091040-25mm gap 'in-situ' welding and finishing of rail joir lock with Railway's welding portion under Railway's supervisibled labour, including consumables tools & equipments. Ite of weld, finished to meet the weld tolerances. Only welding thot crucible/Conventional Crucible, mould shoes, pre-fabrics powder, igniter, thimble and magnesite powder as per more tools, equipments etc. including fuel for pre-heating will be rosive painting to weld & marking of weld joint, as directed by the Code 091041-For 60 Kg Rail, Single shot crucible fitted with Automatic Tapping Thimble Technology, 3 pieces Mould (Zircon washed) and Compressed Air Petrol	sion by corem includes ag portion a cated dry ethod of we arranged by enginee Unit Each ils & welds s of all type corner for ethod und ata, as specific and included in the corner for each of the categories of the corner for each of the categories of the categori	ntractor's cos use of well- and related are in-charge Qty 200.00 (excluding as of rails us ward & backer traffic cos Welds" & recified & directors.	ding Manual meters with the consumable of sand, close supplied or. Item also the consumable of the con	al under elder and and & es, e.g. sing pin, by Railways so includes Amount 527662.0 ing) includin MHz) and 70° (2 MHz) per uctions, duly rates are
S No.	traffic bother skingrinding Single sasbesto All other anti cornitron No 091041 Item No 170° (2 Ifield for provision marking inclusive Item No 170° (2 Item No 170° (2 Item No 170° (2 Item No 170° (2 Item Item Item Item No 170° (2 Item Item Item Item Item Item Item Item	091040-25mm gap 'in-situ' welding and finishing of rail joir lock with Railway's welding portion under Railway's supervisibled labour, including consumables tools & equipments. Itel of weld, finished to meet the weld tolerances. Only welding thot crucible/Conventional Crucible, mould shoes, pre-fabrics powder, igniter, thimble and magnesite powder as perment tools, equipments etc. including fuel for pre-heating will be rosive painting to weld & marking of weld joint, as directed by the marking technology, 3 pieces Mould (Zircon washed) and Compressed Air Petrol heating technique 1. 141020-Carrying out Through USFD testing of running range ward width portion of SEJ, lead portion of points & crossing MHz) central forward & backward, 70° (2 MHz) gauge face ward & backward probes by NBC (Need Based Concept) marking of IR's "Manual & Specifications for Ultrasonic Testing of defects, submission of daily reports and storing back-up defects.	sion by corem includes ag portion a cated dry ethod of we arranged by enginee Unit Each ils & welds s of all type corner for ethod und ata, as specific and included in the corner for each of the categories of the corner for each of the categories of the categori	ntractor's cos use of well- and related are in-charge Qty 200.00 (excluding as of rails us ward & backer traffic cos Welds" & recified & directors.	ding Manual meters with the consumable of sand, close supplied or. Item also the consumable of the con	al under elder and and & es, e.g. sing pin, by Railways so includes Amount 527662.0 ing) includin MHz) and 70° (2 MHz; per uctions, duly rates are
Item- 21	traffic bother skingrinding Single's asbesto All other anti cornical stem No 091041 Item No 170° (2 Ifield for provision marking inclusive	091040-25mm gap 'in-situ' welding and finishing of rail joir lock with Railway's welding portion under Railway's supervisibled labour, including consumables tools & equipments. Itel of weld, finished to meet the weld tolerances. Only welding thot crucible/Conventional Crucible, mould shoes, pre-fabric spowder, igniter, thimble and magnesite powder as perment tools, equipments etc. including fuel for pre-heating will be rosive painting to weld & marking of weld joint, as directed to the convention of them Item Code 091041-For 60 Kg Rail, Single shot crucible fitted with Automatic Tapping Thimble Technology, 3 pieces Mould (Zircon washed) and Compressed Air Petrol heating technique 1. 141020-Carrying out Through USFD testing of running ranead width portion of SEJ, lead portion of points & crossing MHz) central forward & backward, 70° (2 MHz) gauge face ward & backward probes by NBC (Need Based Concept) mas of IR's "Manual & Specifications for Ultrasonic Testing of defects, submission of daily reports and storing back-up defectors are reported to the contractor's men, materials & machines complete unless	sion by core mincludes g portion a cated dry ethod of we arranged by enginee Unit Each Each ils & welds s of all type corner for ethod und f Rails and ata, as species of the wister of the corner wister of the corner for ethod under the corner for each other wister the corner for each of the corner	antractor's cos use of well- and related are in-charge Qty 200.00 (excluding es of rails us ward & backer traffic could welds" & received a direct and related	ding Manual mpetent with the distribution of t	elder and and & es, e.g. sing pin, by Railways so includes Amount 527662.0 ing) including MHz) and 70° (2 MHz) per uctions, duly rates are ected:

double crystal; 70° (2 MHz) 20mm x 20mm single crystal probe for head & flange testing; 2 nos. 45° (2 MHz) single crystal with tandom rig for testing from rail top to bottom & for half moon testing and 70° (2 MHz) 20mm x 20mm side looking probe by NBC (Need Based Concept) method under traffic conditions as per provisions of IR's "Manual & Specifications for Ultrasonic Testing of Rails and Welds" & related instructions duly marking the defects, submission of daily reports and storing back-up data as specified & directed. The rates are inclusive of contractor's men, materials & machines complete unless otherwise specified and directed:

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	Item No	Description of Item	Unit	Qty	Rate	Amount
1	141032	Item No 141032-Track having more than 3 Rail panels. (With Contractor's USFD machine)	Each	11100.00	179.22	1989342.00
					Total	1989342.00
Item- 25	using 2 testing I Specific submiss	o 141040-Carrying out USFD testing of Flash Butt (FB) & Ga single crystal 45° (2 MHz) for head testing and one single by NBC (Need Based Concept) method under traffic conditi- ations for Ultrasonic Testing of Rails and Welds" & related is sion of daily reports and storing back-up data as specified & tor's men, materials & machines complete unless otherwise	crystal 70° ons as per instruction & directed.	(2 MHz) proprovisions s, duly mark	robe for we of IR's "Making the delucive inclusive reactions and the delucive reactions are inclusive reactions."	eb & flange anual & fects,
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	141042	Item No 141042-Track having more than 3 rail panels. (With Contractor's USFD machine)	Each	35000.00	189.21	6622350.00
					Total	6622350.00
Item- 27	Testing of daily rates ar	t) method under traffic conditions as per provisions of "IR's of Rails and Welds" with latest amendments & related instr reports and storing back-up data, as specified in the special e Description of Item	uctions, du	uly marking	the defects	s, submission
	No	N. A.	0	20.00	100110	22225 22
1	141051	Item No 141051-With Contractor's USFD machine	Set	60.00	1384.43 Total	83065.80 83065.80
	I	131200- De-stressing of LWR/CWR with contractor's labor				
	re-fixing Rail cut separat	to achieve the desired elongation, cutting rails, as required general ERCs & liners and adjustment of gap at SEJs: Note: (1) Viting and Hole drilling shall be paid separately (3) Opening a ely. 4. As per instructions of LWR manual & CE's Circulars	Velding of and closing	rail joints wil of LC if req ing of LWR/	ll be paid so Juired will b	eparately. 2.
S No.	Item No					
1	404000	Description of Item	Unit	Qty	Rate	Amount
ı	131202	Description of Item	Unit Track metre	20000.00		Amount
		Description of Item item No 131202-With Contractor's Hydraulic Rail tensor	Track metre	20000.00	79.47 Total	Amount 1589400.00
1 Item- 33	Item Notypes of ballascrib of athem vis (4)Diggi (5)Tight supplied out / fall (10)Mar block in supervisiduring ob) Balar	Description of Item item No 131202-With Contractor's Hydraulic Rail tensor 151310-Carrying out pre-tamping, during tamping and post rails, sleepers & sleeper density by various Track Tamping st, heaping-up of ballast, filling-up of cavities in tamping zor adjoining track upto lead of 50 m to ensure effective packing sible to operator, (3)Clearing of ballast over rail foot to faciliting, screening and replenishment of ballast at mud pumping tening of loose fittings immediately before & after tamping; d by Railway; (7)Correcting displaced sleepers to position a len fittings; (9)Removing and re-fixing joggled fish plates & mual consolidation of ballast in crib / shoulders; (11)Removing electrified sections (12)Dressing of ballast NOTE: 1.Contractors for carrying out above work. 2.Tamping blocks are not day or night. 3.Stages of payment a) 30% of the rate will be paid on completion of post tamp of the rate will be effected in case contractor fails to carry out process.	Track metre st-tamping machines of the by picking; (2) Clear tate holding / rounder (6) Replace longwith swooden bling and refractor to project identical & paid on coing. 4. Reco	work for tar s, which incl ng ballast fro ing of ballast g of rail by in d ballast in sement of bro quaring; (8) ocks, where fixing of trac- lovide minimus is it may be gompletion of povery at the	Total mping track ude: (1)Re on stacks, st on sleeper rollers of T sleeper crib sken / miss Re-setting ever necess tion bonds um 30 men given at an pre tampin rate of twin	Amount 1589400.00 1589400.00 k with all e-adjustment / shoulders / ers to make TM; o location; ing fittings of worked- eary; during the a with 2 y time either ng attention,
Item- 33	Item Notypes of ballascrib of athem vis (4)Diggi (5)Tight supplied out / fall (10)Mar block in supervisiduring ob) Balar	Description of Item item No 131202-With Contractor's Hydraulic Rail tensor 151310-Carrying out pre-tamping, during tamping and post rails, sleepers & sleeper density by various Track Tamping st, heaping-up of ballast, filling-up of cavities in tamping zor adjoining track upto lead of 50 m to ensure effective packing sible to operator, (3)Clearing of ballast over rail foot to faciliting, screening and replenishment of ballast at mud pumping tening of loose fittings immediately before & after tamping; d by Railway; (7)Correcting displaced sleepers to position a len fittings; (9)Removing and re-fixing joggled fish plates & mual consolidation of ballast in crib / shoulders; (11)Removing electrified sections (12)Dressing of ballast NOTE: 1.Contrastors for carrying out above work. 2.Tamping blocks are not day or night. 3.Stages of payment a) 30% of the rate will be nice 70% of the rate will be paid on completion of post tamp	Track metre st-tamping machines of the by picking; (2) Clear tate holding / rounder (6) Replace longwith swooden bling and refractor to project identical & paid on coing. 4. Reco	work for tar s, which incl ng ballast fro ing of ballast g of rail by in d ballast in sement of bro quaring; (8) ocks, where fixing of trac- lovide minimus is it may be gompletion of povery at the	Total mping track ude: (1)Re on stacks, st on sleeper rollers of T sleeper crib sken / miss Re-setting ever necess tion bonds um 30 men given at an pre tampin rate of twin	Amount 1589400.00 1589400.00 k with all e-adjustment / shoulders / ers to make TM; o location; ing fittings of worked- eary; during the a with 2 y time either ng attention,
	Item No types of of ballas crib of a them vis (4)Digg (5)Tight supplied out / fall (10)Man block in supervis during of b) Balar applicat	Description of Item item No 131202-With Contractor's Hydraulic Rail tensor 151310-Carrying out pre-tamping, during tamping and post rails, sleepers & sleeper density by various Track Tamping st, heaping-up of ballast, filling-up of cavities in tamping zor adjoining track upto lead of 50 m to ensure effective packing sible to operator, (3)Clearing of ballast over rail foot to faciliting, screening and replenishment of ballast at mud pumping tening of loose fittings immediately before & after tamping; d by Railway; (7)Correcting displaced sleepers to position a len fittings; (9)Removing and re-fixing joggled fish plates & mual consolidation of ballast in crib / shoulders; (11)Removing electrified sections (12)Dressing of ballast NOTE: 1.Contractors for carrying out above work. 2.Tamping blocks are not day or night. 3.Stages of payment a) 30% of the rate will be paid on completion of post tamp of the rate will be effected in case contractor fails to carry out process.	Track metre st-tamping g machines ne by picking; (2) Clear tate holding / rounder (6) Replace longwith so wooden bl ng and ref actor to pro- identical & paid on co ing. 4.Reco	work for tar s, which incl ng ballast from ing of ballast g of rail by a d ballast in sement of bro- quaring; (8) ocks, where ixing of trac- ixing of trac-	Total mping track ude: (1)Re om stacks of on sleeper rollers of T sleeper crit oken / miss Re-setting ever necess tion bonds um 30 men given at ang pre tampin rate of twi ion. Rate	Amount 1589400.00 1589400.00 k with all e-adjustment / shoulders / ers to make TM; o location; ing fittings of worked- sary; during the n with 2 y time either ng attention, ce the above
S No.	Item No types of of ballas crib of a them vis (4)Digg (5)Tight supplied out / fall (10)Man block in supervis during of b) Balar applicat Item	item No 131202-With Contractor's Hydraulic Rail tensor 151310-Carrying out pre-tamping, during tamping and post rails, sleepers & sleeper density by various Track Tamping st, heaping-up of ballast, filling-up of cavities in tamping zor adjoining track upto lead of 50 m to ensure effective packing sible to operator, (3)Clearing of ballast over rail foot to faciliting, screening and replenishment of ballast at mud pumping tening of loose fittings immediately before & after tamping; d by Railway; (7)Correcting displaced sleepers to position a len fittings; (9)Removing and re-fixing joggled fish plates & hual consolidation of ballast in crib / shoulders; (11)Removing electrified sections (12)Dressing of ballast NOTE: 1.Contrained sors for carrying out above work. 2.Tamping blocks are not alway or night. 3.Stages of payment a) 30% of the rate will be paid on completion of post tamp pole rate will be effected in case contractor fails to carry out processing of the part of the paid on the post tamp of the paid on the post tamp of the paid on the paid on the paid on the post tamp of the paid on the p	Track metre st-tamping machines of the by picking; (2) Clear tate holding / rounder (6) Replace longwith swooden bling and refractor to projector to projector to projector dentical & paid on coing. 4. Recore/during. Unit	work for tar s, which incl ng ballast fro ing of ballast g of rail by red d ballast in sement of bro quaring; (8) ocks, where ixing of trac- ovide minimulation of by by by by by pmpletion of overy at the post operat	79.47 Total mping track ude: (1)Re om stacks, st on sleeper rollers of T sleeper crit sleeper crit sken / miss Re-setting ever necess tion bonds um 30 men given at an pre tampir rate of twi ion. Rate 34.06	Amount 1589400.00 1589400.00 (with all e-adjustment / shoulders / ers to make TM; o location; ing fittings of worked- sary; during the with 2 y time either ng attention, ce the above

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Item- 36	sleepers, painting of running rail & check rail, completing road surface to motorable smooth condition after					
S No.	Item	is over, as directed for - Description of Item	Unit	Qty	Rate	Amount
	No					
1	151321	Item No 151321-(a) Level crossing with CC block surface	Each	30.00	22727.95	681838.50
	l	454050 (11: 114 1: 12: 114 1: 12: 114			Total	681838.50
Item- 38	Item No 151350-(Unimat Machine Related Works) Carrying out pre-tamping, during tamping and post-tamping works for tamping track with all types of rails, sleepers & sleeper density by various Track Tamping machines, which include: (1)Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track upto lead of 50 m to ensure effective packing; (2)Clearing of ballast on sleepers to make them visible to operator; (3)Clearing of ballast over rail foot to facilitate holding of rail by rollers of TTM; (4)Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5)Tightening of loose fittings including check rails immediately before & after tamping; (6)Replacement of broken / missing fittings supplied by Railway; (7)Correcting displaced sleepers to position alongwith squaring; (8)Re-setting worked-out / fallen fittings; (9)Removing and re-fixing joggled fish plates & wooden blocks, OHE bonds & other obstructions, wherever necessary; (10)Removing and re-fixing stretcher bar, as directed; (11)Adjustment in opening and housing of switch for testing operation of points for -					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1		Item No 151352-1 in 12 Turnouts.	Set	250.00	16542.26	4135565.00
<u>'</u>	131332	ntem No 151552-1 III 12 Tumouts.	Oet	230.00	Total	4135565.00
	Item No	131420-Removal of all types of muck / malba and garbage	which inc	ludes waste		
Item- 41	Item No 131420-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 incharge following all rules / regulations of State / Central Govt. and Authorised Bodies:					
S No.	Item	Description of Item	Unit	Qty	Rate	Amount
	No					
1	131421	Item No 131421-In case payment is based on area cleaned	Sqm	10000.00	38.38	383800.00
					Total	383800.00
Item- 45	Item No 201110-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					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	201112	Item No 201112-Speed Breaker / Rumble Strips Board	Each	60.00	4168.91	250134.60
2	201114	Item No 201114-Manned Level Crossing Indicator Board	Each	60.00	4812.39	288743.40
3	201115	Item No 201115-Single Strip / Double Strip Level Crossing Road Warning Board.	Each	60.00	3404.11	204246.60
4	201116	Item No 201116-Caution Indicator Board	Each	60.00	4774.93	286495.80
5	201117	Item No 201117-Speed Indicator Board.	Each	60.00	4078.30	244698.00
6	201118	Item No 201118-Stop Indicator Board	Each	60.00	4774.93	286495.80
7	201119	Item No 201119-Termination Indicator Board	Each	60.00	6140.20	368412.00
	_				Total	1929226.20

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Item- 54	Item No 131480-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					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	131481	Item No 131481-For a maximum duration of 8 hrs.	Each	31000.00	646.22	20032820.00
	Total 20032820.0		20032820.00			
Item- 56	Item No 131490-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.]					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	131491	Item No 131491-For Day shift	Each	5000.00	646.22	3231100.00
2	131492	Item No 131492-For Night shift	Each	5000.00	802.76	4013800.00
	Total 7244900.00				7244900.00	
Item- 60	Item No 52070-Grouting of masonry/concrete by injection process duly Sealing of cracks, through nipples complete as per Technical Specification and procedure given in IRBM Para No 209 including necessary admixutre. (Cement wil be paid extra)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	52073	Item No 52073-Epoxy Grout	Kg	500.00	1187.93	593965.00

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.	F	Confirmation Required		Documents Uploading
1	As per tender document	No	INo	Allowed (Mandatory)

Special Technical Criteria

5	S.No.	·	Confirmation Required		Documents Uploading
1	1	As per tender document	No	Nο	Allowed (Mandatory)

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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Total

593965.00

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	S.No.		Confirmation Required		Documents Uploading
Ī	1	As per tender document	No	No	Not Allowed

Commercial-Compliance

S.No.	•	Confirmation Required		Documents Uploading
1	As per tender document	No	No	Allowed (Mandatory)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

General Instructions

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading
1	As per tender document	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading
1	As per tender document	No	No	Not Allowed

Technical-Compliances

S.No.	real pro-	Confirmation Required		Documents Uploading
1	As per tender document	No	INο	Allowed (Mandatory)

Undertakings

S.No.	real pro-	Confirmation Required		Documents Uploading
1	As per tender document	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	TechBidAR2.pdf	Technical Bid packet A
2	FinBidBR2.pdf	Financial Bid Packet B

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: JANAK KUMAR SINGH

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Designation: PM/Engg/ALJN

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