

**AJMER DIVISION-ENGINEERING/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** 87-2026

**Closing Date/Time:** 06/07/2026 15:00

**Sr.DEN/C** acting for and on behalf of The President of India invites E-Tenders against Tender No **87-2026** Closing Date/Time 06/07/2026 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**

<b>Name of Work</b>	Upgradation / augmentation of Satellite TrackMachine Depot, Marwar/Ajmer Division including other staff amenities.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	06/07/2026 15:00	<b>Date Time Of Uploading Tender</b>	12/06/2026 19:24
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	17435280.01	<b>Tendering Section</b>	DENCENTRAL
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	348700.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	9 Months
<b>Contract Type</b>	Works - General	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	22/06/2026		
<b>Are JV allowed to bid</b>	No	<b>Number of JV Member Allowed</b>	0
<b>Are Consortium allowed to bid</b>	No	<b>Number of Consortium Member Allowed</b>	0
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () A-CPWD DSR ITEMS 2023</b>							15477810.36	
1	Please see Item Breakup for details.				14675083.30	5.47	15477810.36	
	<b>Description:-</b> CPWD DSR ITEMS 2023							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () B-IRUSSOR ITEMS 2021</b>							1059806.65	
1	Please see Item Breakup for details.				1059806.65	AT Par	1059806.65	
	<b>Description:-</b> IRUSSOR ITEMS 2021							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () C-NS ITEMS</b>							2846.00	
1	NS01	100.00	RM	28.46	2846.00	AT Par	2846.00	
	<b>Description:-</b> 25mm dia medium class PVC pipe with accessories as per under specification. For concealed electrical wiring :- ISI marked, medium class, PVC conduit of size 25mm dia., wall thickness 1.95mm with accessories confirming to IS:9537 (Part-III) 1987 or latest. The colour of PVC conduit shall be cream/white colour or other colour as approved by the site engineer. The PVC conduit shall be properly fixed with the help of MS clamp, J hooks as per the instruction of site supervisor and should have necessary junction boxes, elbows as per requirement.							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () D-NS ITEMS FOR ELECTRICAL WORK</b>							894817.00	
1	Please see Item Breakup for details.				249162.00	AT Par	249162.00	
	<b>Description:-</b> DB & Junction Box							
2	Please see Item Breakup for details.				27540.00	AT Par	27540.00	
	<b>Description:-</b> Earth Station							
3	Please see Item Breakup for details.				451100.00	AT Par	451100.00	

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	<b>Description:-</b> Cable laying with associate accessories				
4	Please see Item Breakup for details.	100908.00	AT Par	100908.00	
	<b>Description:-</b> Wiring				
5	Please see Item Breakup for details.	66107.00	AT Par	66107.00	
	<b>Description:-</b> Outdoor Lighting				

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A-CPWD DSR ITEMS 2023					
<b>Item- 1</b>	CPWD DSR ITEMS 2023					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
	2.0	<b>EARTH WORK</b>				
	2.1S	<b>General</b>				
	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.				
1	2.6.1	All kinds of soil	cum	545	177.5	96737.5
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	cum	70	196	13720
	4.0	<b>CONCRETE WORK</b>				
	4.1S	<b>CEMENT CONCRETE (CAST IN SITU)</b>				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
3	4.1.2	1:1 1/2:3 (1 Cement: 1 1/2 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	24	8340.85	200180.4
4	4.1.6	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	30	7178.75	215362.5
5	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	123	6812	837876
	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:				
6	4.2.3	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	14	9895.2	138532.8
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				

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7	4.3.2	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	Sqm	60	842.5	50550
	5.0	REINFORCEMENT CEMENT CONCRETE				
	5.15	CAST IN SITU				
8	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	4	11505.5	46022
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
9	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	30	927.25	27817.5
10	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	20	736.4	14728
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
11	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	1000	107.85	107850
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
12	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	1500	107.85	161775
	5.33S	DESIGN MIX CONCRETE				
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.:				
	5.33.1	All works upto plinth level				
13	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	10	9504.75	95047.5
	5.33.2	All works above plinth level upto floor V level				
14	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	15	9860.4	147906

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15	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	9	733.5	6601.5
	6.0	MASONRY WORK				
	6.1S	General				
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
16	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	50	9105.95	455297.5
	6.12S	HALF BRICK MASONRY				
	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
17	6.13.2	Cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	80	1123.8	89904
	7.0	STONE WORK				
	7.1S	RANDOM RUBBLE MASONRY				
	7.1	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :				
18	7.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	455	7311.25	3326618.75
	7.2	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like.				
19	7.2.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	45	9275.45	417395.25
	7.4	Extra for random rubble masonry with hard stone in :				
20	7.4.1	Square or rectangular pillars	cum	20	956	19120
	8.0	CLADDING WORK				
	8.1S	General				
	8.3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
21	8.3.2	Granite work	Metre	60	510.95	30657
	8.10	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.				
22	8.10.2	Granite Stone of approved shade	Sqm	8	4051.85	32414.8
	8.20S	STONE WORK DRY CLADDING				

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23	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	200	1267.95	253590
	9.0	<b>WOOD AND P.V.C. WORK</b>				
	9.105S	<b>GYPSUM BOARD PARTITIONS</b>				
	9.118	<b>Providing and fixing to existing door frames.</b>				
24	9.118.2	30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm ( +/- 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm ( +/- 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm ( +/- 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm ( +/- 0.1 mm) wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge.	Sqm	10	3253.8	32538
25	9.119	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer- in-Charge.	Metre	30	492.7	14781
	10.0	<b>STEEL WORK</b>				
	10.1S	<b>General</b>				
26	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	7000	133.7	935900

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	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
27	10.16.1	Hot finished welded type tubes	Kg	2000	194.4	388800
28	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	500	97.2	48600
	10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
29	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	80	172.6	13808
	11.0	FLOORING				
	11.16S	TILE FLOORING				
	11.16	Precast terrazzo tiles 22 mm thick with graded marble chips of size upto 12 mm, laid in floors, and landings, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement:4 coarse sand) :				
30	11.16.4	Ordinary cement without any pigment	Sqm	50	1386.8	69340
	11.37S	CERAMIC GLAZED TILES				
31	11.37A	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer ) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	Sqm	100	1112.7	111270
	12.0	ROOFING				
	12.37S	RAIN WATER SPOUT AND PIPE				
	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
32	12.41.2	110 mm diameter	Metre	100	377.4	37740
	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	12.42.1	Coupler				
33	12.42.1.2	110 mm	Each	40	136.15	5446
	12.42.5	Bend 87.5 degree				
34	12.42.5.2	110 mm bend	Each	20	150.35	3007
	12.42.6	Shoe (Plain)				
35	12.42.6.2	110 mm Shoe	Each	20	131.85	2637

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	12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised -PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
36	12.43.2	110 mm	Each	20	371.3	7426
37	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	150	738.65	110797.5
	13.0	FINISHING				
	13.4S	CEMENT PLASTER (IN COARSE SAND)				
	13.4	12 mm cement plaster of mix :				
38	13.4.2	1:6 (1 cement: 6 coarse sand)	Sqm	250	343.65	85912.5
	13.5	15 mm cement plaster on rough side of single or half brick wall of mix:				
39	13.5.2	1:6 (1 cement: 6 coarse sand)	Sqm	150	395.35	59302.5
	13.6	20 mm cement plaster of mix :				
40	13.6.2	1:6 (1 cement: 6 coarse sand)	Sqm	1500	466.05	699075
	13.20S	PEBBLE DASH PLASTER				
41	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	500	262.7	131350
	13.37S	INTERIOR FINISHING				
	13.41	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :				
42	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	Sqm	400	185.65	74260
	13.44S	EXTERIOR FINISHING				
	13.44	Finishing walls with water proofing cement paint of required shade :				
43	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	1500	116.9	175350
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
44	13.61.1	Two or more coats on new work	Sqm	50	155.9	7795



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	13.62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
45	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	300	226.25	67875
	16.0	<b>ROAD WORK</b>				
	16.15	<b>ROADS</b>				
46	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	Sqm	960	218.9	210144
	16.15S	<b>FENCING</b>				
	16.18	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used.				
47	16.18.1	With G.I. barbed wire	Metre	800	22.1	17680
48	16.19	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete.	Kg	500	125.75	62875
	16.42S	<b>CONCRETE PAVEMENTS</b>				
	16.43	Providing and laying design mix cement concrete of M-30 grade, in roads/taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved and specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction and longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately).				
49	16.43.1	Cement concrete prepared with batch mixing machine	cum	233	10529.35	2453338.55
50	16.44	Extra for providing and mixing hardening compound of approved quality as per manufacturer's specification in cement concrete.	Litre	50	55.5	2775



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	16.46	Providing and filling in position rubberized bitumen hot sealing compound for sealing of expansion joints in roads / pavements all complete as per direction of the Engineer-in-Charge.				
51	16.46.1	Providing and filling in position rubberized bitumen hot sealing compound for sealing of expansion joints in roads / pavements all complete as per direction of the Engineer-in-Charge.	per cm depth per cm width per metre length	105	8.65	908.25
	16.49S	MISCELLANEOUS				
52	16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured to calculate volume for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	cum	30	10117.6	303528
53	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm ) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	222	2914.3	646974.6
	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
54	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	185	1091.5	201927.5
	17.0	SANITARY INSTALLATIONS				
	17.1S	General				

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	17.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
55	17.2.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	3	6515.55	19546.65
	17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
56	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	2	6258.75	12517.5
	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
57	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	4	2648.85	10595.4
58	17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	4	1683.35	6733.4
	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.2	Flexible pipe				
59	17.28.2.1	32 mm dia	Each	4	119.55	478.2
60	17.29	Providing and fixing 100 mm sand cast Iron grating for gully trap.	Each	14	53.25	745.5
61	17.31	Providing and fixing 600x450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	4	1607.95	6431.8
	17.35	Providing and fixing soil, waste and vent pipes :				
	17.35.1	100 mm dia				
62	17.35.1.2	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	Metre	20	1180.75	23615
	17.38	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
	17.38.1	100 mm dia				
63	17.38.1.2	Sand cast iron S&S as per IS - 3989	Each	10	705.2	7052
	17.39	Providing and fixing plain bend of required degree.				
	17.39.1	100 mm dia				
64	17.39.1.2	Sand cast iron S&S as per IS : 3989	Each	10	570.05	5700.5
	17.44	Providing and fixing single equal plain junction of required degree :				

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	17.44.1	100x100x100 mm				
65	17.44.1.2	Sand cast iron S&S as per IS - 3989	Each	10	811.9	8119
	17.56	Providing and fixing terminal guard :				
	17.56.1	100 mm				
66	17.56.1.2	Sand cast iron S&S as per IS - 3989	Each	10	506	5060
	17.57	Providing and fixing collar :				
	17.57.1	100 mm				
67	17.57.1.2	Sand cast iron S&S as per IS - 3989	Each	10	513.15	5131.5
	17.59	Providing and fixing M.S. stays and clamps for sand cast iron/ centrifugally cast (spun) iron pipes of diameter :				
68	17.59.1	100 mm	Each	10	139.7	1397
	17.69	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour.				
69	17.69.1	Waste coupling 31 mm dia of 79 mm length and 62mm breadth weighing not less than 45 gms	Each	10	115.3	1153
70	17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	4	168.35	673.4
71	17.72	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	Each	4	231.95	927.8
	18.0	WATER SUPPLY				
	18.7S	C.P.V.C. PIPES				
	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, and all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. ( Internal work - Exposed on wall )				
72	18.7.2	20 mm nominal dia Pipes	Metre	100	335	33500
73	18.7.3	25 mm nominal dia Pipes	Metre	75	401.55	30116.25
	18.15S	BRASS FITTINGS				
	18.16	Providing and fixing brass stop cock of approved quality :				
74	18.16.2	20 mm nominal bore	Each	20	379.2	7584
	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
75	18.18.2	20 mm nominal bore	Each	4	462.5	1850
	18.20	Providing and fixing brass ferrule with C.I. mouth cover including boring and tapping the main :				
76	18.20.2	20 mm nominal bore	Each	2	380	760
	18.21	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	18.21.1	30 cm length				
77	18.21.1.2	20 mm nominal bore	Each	4	93.55	374.2
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				

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78	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Per Litre	2000	11	22000
	18.49S	C.P. BRASS FITTINGS				
	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
79	18.49.1	15 mm nominal bore	Each	6	506.8	3040.8
	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
80	18.51.1	15 mm nominal bore	Each	2	798.95	1597.9
	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
81	18.53.1	15mm nominal bore	Each	6	574.3	3445.8
	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
82	18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	4	111.45	445.8
	22.0	WATER PROOFING				
	22.1S	General				
	22.14	Grading roof for water proofing treatment with				
83	22.14.1	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	5	8042.3	40211.5
	23.0	RAIN WATER HARVESTING & TUBEWELLS				
	23.1S	General				
	23.1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.				
	23.1.1	All types of soil				
84	23.1.1.1	300 mm dia	Metre	300	707.75	212325
	23.2	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level.				
	23.2.1	All types of soil				
85	23.2.1.1	300 mm dia	Metre	120	825.7	99084

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	23.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
86	23.3.3	200 mm nominal size dia	Metre	300	1113.35	334005
					<b>Total</b>	<b>14675083.30</b>
<b>Schedule</b>	Schedule B-IRUSSOR ITEMS 2021					
<b>Item- 1</b>	IRUSSOR ITEMS 2021					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
		Earthwork in filling in embankment, guide bunds, around buried type abutments, bridge gaps, trolley refuges, platforms etc. with contractor's own earth conforming to Soil Quality Class SQ1/SQ2/SQ3, after preparation of foundations as applicable, benching in existing banks wherever required, spreading in layers with motor grader, bringing the moisture content to OMC, mechanical compaction to specified density and dressing of bank to final profile as per RDSO Specifications: RDSO/2020/GE: IRS-0004 with latest correction slips. Note: 1) Foundation preparation, Benching including additional earthwork on account of this, wherever required, shall be paid extra under relevant schedule item for benching. 2) Payment for Earthwork under this item shall be made based on the cross section measurements calculated (i) with original ground profile of existing bank based on initial ground levels before doing benching and (ii) final profile of the bank worked out with final levels as per prevailing guidelines.				
1	011033	Using Soil Class SQ3	cum	550.00	227.72	125246.00
		Earthwork in cutting in formation, trolley refuges, side drains, level crossing approaches, platforms, catch water drains, diversion of nallah & finishing to required dimension and slopes to obtain a neat appearance to standard profile inclusive of all labour, materials, plant & machinery, leading all cut spoils either to make spoil dumps or for filling in embankment with leads within 2 km on either side of edge of the cutting(s) including all lifts, ascent, descent, loading, unloading, bailing & pumping out water, if required, clearance of site and all other works incidental thereto for completing the work as per RDSO Specification No. RDSO/2020/GE: IRS-0004 with latest updated correction slips and to the satisfaction of the Engineer-in-Charge. Note: (i) All usable earth arising from cut spoils shall be led into bank formation and Unusable spoils shall be dumped / stacked away from toe of embankment. (ii) All hard rock /and boulders not fit for filling will be stacked by the contractor and will be property of the Railways. (iii)Cut trees shall be property of Railways and to be deposited in the railway godown unless specified otherwise in the Conditions of Contract.				
2	012011	In all conditions and classifications of soil except rock	cum	100.00	107.39	10739.00

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3	012012	Soft rock not requiring blasting	cum	100.00	255.52	25552.00
4	012040	Manufacturing of blanketing material by wet mixing of naturally available suitable soil including additional blending with naturally available or manufactured material as required to achieve specified gradation, in designed proportion in Pug mill or wet mix plant to have uniform gradation including all incidental transportation, laying over finished formation in uniform layer(s) with motor grader, compaction with suitable vibratory roller to specified density and finishing to correct profile, complete as per RDSO Specification No. RDSO/2020/GE: IRS-0004 with latest correction slips.	cum	314.00	754.31	236853.34
		Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual Means for foundations and floors of the bridges, retaining walls etc. including setting out, dressing of sides, ramming of bottom, getting out the excavated material, back filling in layers with approved material and consolidation of the layers by ramming and watering etc. including all lift, disposal of surplus soil up to a lead of 300m, all types of shoring and strutting with all labour and material complete as per drawing and technical specification as directed by Engineer in charge. Note: This item will be used for excavation work in connection with other miscellaneous works also like side drains, foundation for OHE masts and other miscellaneous structures in connection with Gauge Conversion, Doubling, New lines.				
5	022011	All kinds of soils	cum	1.00	210.90	210.90
		Providing and laying in position Plain cement concrete of specified Nominal Mix for miscellaneous works like side drains, foundation for OHE masts and other miscellaneous structures excluding the cost of Cement, centering and shuttering - All work up to plinth level :				
6	022031	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	cum	1.00	2845.47	2845.47
		Supply and using Cement at Worksite				
7	025071	Ordinary Portland Cement 43 grade approved brands/makes	MT	0.25	7801.51	1950.38
8	071030	Dismantling the existing BG Buffer-stop laid with rails & wooden/ST sleepers including leading the dismantled Buffer stop materials to nominated places within station yard limits and stacking as material-wise and classification-wise duly releasing all fittings carefully without causing any damage with all contractor's labour, tools, with all lead and lifts, crossing of tracks if any, etc., complete as directed by the Engineer-in-charge.	Set	2.00	4704.19	9408.38

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		Manufacturing, supply and stacking of machine crushed Track Ballast conforming to RDSO Specification (IRS-GE-1) with latest correction slips at Railway depot or nominated location. Note: Distance of nearest quarry mentioned in each sub-item is only for the purpose of selecting the items for preparation of estimates/tender schedule, based on the minimum distance between nearest quarry and centre of supply points and will not affect the selection of quarry during physical supply in any way till prescribed specification is met fully.				
9	085011	When distance of nearest quarry is up to 10 km	cum	250.00	941.69	235422.50
10	123030	Spreading of ballast, from existing stacks available along formation on top or at cess, in required uniform thickness, compaction of ballast layer laid on new formation at all the locations with smooth wheeled power roller of 8-10 tonne capacity to sufficient number of passes to form consolidated ballast bed of approximately 250mm thickness to a width of 4m symmetrical to centre line of proposed track in correct line & level with all ascents & descents, as directed by Engineer in-charge. Note: Item is inclusive of (a) providing ramp for taking roller to formation and removing the same & making good formation after completion of work; (b) redistribution & leveling of excess ballast while rolling to obtain uniform plane cambered surface.	cum	250.00	44.93	11232.50
		Linking of BG track (except at LC, Bridges and SEJs) with any type of rail section and sleeper of specified density, on ballast bed spread and compacted with suitable roller, over prepared formation including leading free rails/welded panels available along the alignment on to formation, leading and spreading all fittings and fastenings, spreading of sleepers at specified spacing, squaring, placing of rails over sleepers and fixing rails to sleepers with all types of fittings and fastenings to correct gauge & alignment, lubrication of fittings and fastenings with contractor's grease as per IRPWM standards with contractors labour, tools, consumables, with all lead, lifts etc. complete and raising, levelling and initial packing of track to make it fit for 30 kmph and meet other prerequisites prescribed in Indian Railway Track Machine Manual for deployment of Tamping Machine. Note: 1.Rail cutting and Hole drilling shall be paid separately. 2.Spreading of ballast and compaction shall be paid separately under relevant item.				
11	123041	For sleeper density of 1660 sleepers per km	TRM	100.00	299.09	29909.00
		First or Second Through Packing of track of all sleeper density including giving a general lift, as desired to eliminate sag after Deep Screening work, lifting of track, lowering of track and major realignment of curves and formation rehabilitation as per procedure prescribed in latest edition of IRPWM. Note: General lift is normally 25 mm and isolated lift may be up to 50 mm.				



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12	131032	For PSC Sleeper Track with Sleeper Density of 1660	TRM	100.00	147.40	14740.00
		Anti-corrosive painting of rail outside track on rail bottom, web, foot and fishing plane with two coats of thickness of 100 microns each by bituminous black paint conforms to IS-9862 of reputed make including surface preparation, as a complete job as per procedure prescribed in latest edition of IRPWM.				
13	137011	For 60 Kg Rails	RM	200.00	57.49	11498.00
		Quick cutting with abrasive rail cutter of all types of rail sections including wear resistant, head hardened rails up to 110 UTS, with contractors tools & plants, equipment, consumable with all lead & lift etc. complete as directed by Engineer in-charge. Abrasive Rail Cutter will be as per RDSO Specification No. TM/SM/1 (Rev. 01 of 2012) with latest status of RDSO; Rail Cutting Wheel Abrasive Disc will be as per RDSO Specification No. TM/SM/2 (Rev. 01 of 2020)				
14	161011	60 Kg - 110/90 UTS - Outside Track	Each	156.00	219.76	34282.56
15	161014	60 Kg - 110/90 UTS - On Running Line	Each	156.00	280.99	43834.44
		Drilling holes of 16 mm to 32 mm dia. with Rail Drilling machine including chamfering with appropriate chamfering tools in all types of rail section with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Rail Drilling Machine will be as per RDSO Specification No. TM/SM/3, dated 24.04.1991.				
16	161041	Outside Track	Each	936.00	50.01	46809.36
17	161042	On Running Line	Each	94.00	67.23	6319.62
		Loading of rails of any section and length up to 13 metres in Wagons / Truck / trailer including lead up to 50 metres and lift up to 5 metres.				
18	171014	In Wagon where mechanical handling is possible and traffic block is not required or in Truck/trailer.	MT	12.06	124.50	1501.47
		Unloading of rails of any section and length up to 13 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/trailer including lead up to 50 metre, lift up to 5 metre and stacking in prescribed manner.				
19	171053	From Wagon where mechanical handling is possible and traffic block is not required or in Truck / trailer.	MT	12.06	92.69	1117.84
		Loading of 52kg / 60kg PSC normal line and special sleepers up to 2.75 metre length in Depot / Station / Mid-section between stations in a neat manner to departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track with free lead up to 250 metre and lift up to 5 metre, if required with contractor's labour, tools & plants, machinery, consumables etc. Note: In case of any damage to sleeper during loading, penalty @ 50% of the all inclusive cost of sleeper shall be levied.				

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20	172014	In Wagon where mechanical handling is possible and traffic block is not required or in Truck / trailer	MT	58.10	95.87	5570.05
		Loading, leading and unloading of all types of P.Way fittings and all other miscellaneous material except Rails, sleepers, switches, crossings, SEJs and Glued Joints by road vehicles for different leads. Note: Lead shall be the shortest motorable road length between the points of loading and unloading.				
21	172047	Lead beyond 100 Km and up to 150 Km	MT	5.00	990.60	4953.00
22	172048	Extra for every Km per MT beyond 150 Km over item no. 172047	MT-Km	2250.00	3.29	7402.50
		Transportation of Rails, sleepers, switches, crossings, SEJs and Glued Joints by road vehicles for different leads. Note: 1. Lead shall be the shortest motorable road length between the points of loading and unloading. 2. Loading and unloading shall be paid extra under relevant items.				
23	172057	Lead beyond 100 Km and up to 150 Km	MT	70.17	867.28	60857.04
24	172058	Extra for every Km per MT beyond 150 Km over item no. 172057	MT-Km	31575.60	3.29	103883.72
		Unloading of 52kg / 60kg PSC line and special sleepers up to 2.75 metre length in Depot / Station / Mid-section between stations in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 250 metre & lift up to 5 metre with contractor's labour, tools & plants, machinery, consumables etc. Note: In case of any damage to sleeper during loading, penalty @ 50% of the all inclusive cost of sleeper shall be levied.				
25	172063	From Truck / Trailer	MT	58.10	91.41	5310.92
26	211060	Supply and fixing in position pre-cast cement concrete Fouling Mark as per approved drawing at station yard, duly painting the top surface and slopes with white enamel paint in two coats and inscribed letters with black of Fouling Mark, complete in all respects with all labour, materials including cement, tools and plants etc.	Each	1.00	474.79	474.79
		Hiring of machinery for minor miscellaneous works for short duration including operator/driver, fuel, lubricants and consumable. The contractor shall arrange all statutory permits as required by rules and regulations prevailing in the area of work. Payment shall be made for actual working hours at site.				
27	211201	JCB Backhoe Loaders 3DX Plus or similar with minimum 1.10 cum bucket capacity	Hour	5.00	864.02	4320.10
28	211250	Manufacturing and fixing buffer stop with Railway supplied rails, cutting, including bending of rails as per plan ,with all contractor's labour, materials, tools, plants etc. and all lead and lift including crossing of track where necessary and as directed by Engineer in charge at site. Note: Excavation, fixing rails in cement concrete, drilling of holes will be paid separately.	Each	1.00	17561.77	17561.77
					<b>Total</b>	<b>1059806.65</b>

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<b>Schedule</b> Schedule D-NS ITEMS FOR ELECTRICAL WORK						
<b>Item- 1</b> DB & Junction Box						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Supply, install, test & commission of outdoor type junction box with IP-54 protection, double door, wall mounted fabricated from 16 SWG CRCA sheet, duly powder coated with Aluminium bus bar of 30 X 10 mm and outgoing having 125A, 4 P 'C' curve MCCB's (01 no.) with suitable rating connectors. As per specification	Numbers	2.00	17727.00	35454.00
2	2	Supply, install, test & commission of LT control VTPN-DD-SDB with incoming MCCB 1X125Amps and outgoing MCB (TP) 4X63Amps. As per specification	Numbers	1.00	89100.00	89100.00
3	3	Supply, install, test & commissioning of 4 way TPN-DB (8+12) double door. As per specification	Numbers	2.00	2505.00	5010.00
4	4	Supply, install, test and commission of 63Amp 4P-"C" series MCB 50Hz incoming in TPN DB. As per specification	Numbers	2.00	1903.00	3806.00
5	5	Supply, install, test and commission of 63Amp 4P-RCCB 100mA, 50Hz in TPN DB. As per specification	Numbers	2.00	3554.00	7108.00
6	6	Supply, install, test and commission of 6-32A SP-MCB "B" series as out going in DB. As per specification	Numbers	24.00	157.00	3768.00
7	7	Supply, erection, testing and commissioning of pre-cooling points having 440V 63A plug switch unit combined set (male-female both) including aluminium four pole bus bar chamber of 100Amps capacity complete inside MS enclosure having suitable design for incoming and outgoing XLPE cable with earthing of the pre-cooling point as per the detailed technical specification and site requirement. This item includes the supply of 63Amps MCCB 4 pole suitable size of MS box as per site requirement and drawing. As per specification	Numbers	6.00	17486.00	104916.00
<b>Total</b>						<b>249162.00</b>
<b>Item- 2</b> Earth Station						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Provision of Strip Earthing. As per specification	Numbers	10.00	2754.00	27540.00
<b>Total</b>						<b>27540.00</b>
<b>Item- 3</b> Cable laying with associate accessories						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Drilling of horizontal bore below track/road by pushing method for laying of RCC/HDPE/DWC pipe of size up to 100mm. As per specification	RM	100.00	1091.00	109100.00
2	2	Digging and filling of trench size 0.4 x 0.8 meter (trench work may be on kuchha/pucca land and all type of soil as per site requirement and without protective layer of brick) surface on trench shall be made good in all respect and satisfaction of site engineer. As per specification	Metre	1600.00	45.00	72000.00

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3	3	Supply and laying of following size Cablefit (Double wall corrugated) category 750N Pipe ISI marked for HT/LT cable along with all the accessories like Ring coupler, bend, socket etc. conforming to IS 16205 PART 24, Part II or latest complete with fitting and cutting, jointing etc. for in the existing trench, complete as required. 63Mm dia (OD- 63mm & ID- 51mm). As per specification (Inspection clause: by Railway representative at factory / manufacturing unit)	Metre	1600.00	165.00	264000.00
4	4	Cable laying in air/wall/pole with 02 fixture per meter. As per specification	Metre	200.00	24.00	4800.00
5	5	Cable laying in air/wall/pole without fixture. As per specification	Metre	200.00	6.00	1200.00
					<b>Total</b>	<b>451100.00</b>
<b>Item- 4</b> Wiring						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply, install & commission of PVC conduit pipe 20mm dia medium duty with accessories. As per specification	Metre	300.00	30.00	9000.00
2	2	Supply of material & wiring of Point by 1.5sqmm & earth wire by 1.5sqmm PVC insulated, single core, multi-strand FR grade wire as per specification. As per complete specification	Numbers	82.00	147.00	12054.00
3	3	Supply of material & wiring of sub main by 2.5sqmm & earth wire by 1.5sqmm PVC insulated, single core, multi-strand FR grade wire without PVC pipe. As per specification	Metre	800.00	53.00	42400.00
4	4	Supply of material & wiring of sub main by 4.0sqmm & earth wire by 2.5sqmm PVC insulated, single core, multi-strand FR grade wire without PVC pipe. As per specification	Metre	200.00	79.00	15800.00
5	5	Supply of material & wiring of sub main by 6.0sqmm & earth wire by 4.0sqmm PVC insulated, single core, multi-strand FR grade wire without PVC pipe. As per specification	Metre	100.00	80.00	8000.00
6	6	Supply, install, test & commissioning of 12 Module PVC box with inner & outer plate used for wiring work. As per specification	Numbers	4.00	249.00	996.00
7	7	Supply, install, test & commissioning of 08 Module PVC box with inner & outer plate used for wiring work. As per specification	Numbers	4.00	217.00	868.00
8	8	Supply, install, test & commissioning of 03 Module PVC box with inner & outer plate used for wiring work. As per specification	Numbers	4.00	104.00	416.00
9	9	Supply of material & fixing of 6Amps 5-pin socket (2-module) used for concealed modular wiring. As per specification	Numbers	6.00	154.00	924.00
10	10	Supply & fixing of blank plates (1-module) used for concealed modular wiring. As per specification	Numbers	16.00	25.00	400.00
11	11	Supply of material & fixing of 6/16Amp, 6-pin combined shuttered Socket (2-module) used for concealed modular wiring. As per specification	Numbers	4.00	232.00	928.00
12	12	Supply of material & fixing of S.P. switch 16Amps one way (1-Module) used for concealed modular wiring. As per specification	Numbers	4.00	169.00	676.00
13	13	Supply of material & fixing of S.P. Switch 10Amps one way (1-module) used for concealed modular wiring. As per specification	Numbers	82.00	103.00	8446.00

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						<b>Total</b>	<b>100908.00</b>
<b>Item- 5</b>	Outdoor Lighting						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>	
1	1	Supply & erection of 5 meter high double arm, hot dip galvanized steel octagonal pole with galvanized base plate, galvanized box with 6Amp MCB & stud terminals, foundation bolt with excavation and making foundation. As per specification	Numbers	6.00	9608.00	57648.00	
2	2	Supply, fabricate & fixing of complete Street light control box with MCB, Toggle switch, contactor & timer. As per specification	Numbers	1.00	8459.00	8459.00	
						<b>Total</b>	<b>66107.00</b>

**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V = Advertised value of the tender in crores of Rupees N = Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	<p>The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:(i)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or(ii)Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or(iii)One similar work costing not less than the amount equal to 60% of advertised value of the tender.(b) (1)In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&amp;T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:(i)Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or(ii)Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or(iii)One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.Note for b(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.(b) (2)In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.(b)(3)To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 of the Standard General Conditions of Contract or through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing.</p>	No	No	Allowed (Mandatory)
1.1	<p>However, if required in tender documents by way of Special Conditions, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows: The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract. Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing. Note for Item 10.1: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.</p>	No	No	Allowed (Mandatory)
1.2	Definition of similar nature of work-"Any Civil Engineering Work."	No	No	Allowed (Mandatory)

**Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:**

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S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

**Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.**

S.No.	Description
1	<b>Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.</b> Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. ( <a href="#">Click here</a> to download the Format of Self Certification)

**5. COMPLIANCE**

**Commercial-Compliance**

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

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Any firm recognized by Department of Industrial Policy and Promotion (DIPP) as STARTUPS shall be exempted from payment of Bid Security deposit detailed above on submission of Registration Certificate issued by appropriate authority.	No	No	Not Allowed
2	It shall not be obligatory on the said authority to accept the lowest tender and no tenderer/tenderers shall demand any explanation for the cause of rejection of his/their tender.	No	No	Not Allowed



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3	If the tenderers deliberately gives/give wrong information in his/their tender or creates/create circumstances for the acceptance of his/their tender, the Railway reserves the right to reject such tender at any stage.	No	No	Not Allowed
4	If the tenderer/s expires after the submission of his/their tender or after the acceptance of his tender, the Rly. shall deem such tender as cancelled. If a partner of a firm expires after the submission of their tender or after the acceptance of their tender, the Railway shall deem such tender as cancelled unless the firm retains its character.	No	No	Not Allowed
5	The Bid Security should be paid through online payment. In case the tenderer withdraw his offer within the validity period of his offer or fails to undertake the contract after acceptance of his tender the full Bid Security shall be forfeited. If the tender is accepted the amount of Bid Security will be retained and adjusted as security deposit for the due and faithful fulfillment of the contract. The Bid Security of the unsuccessful tenderers shall save as here-in-before provided be returned to the unsuccessful tenderers within a reasonable time but the Railway shall not be responsible for any loss or depreciation that may happen to the security for the due performance of the stipulation to keep the offer open for the period specified in the tender documents or to the Bid Security while in their possession nor be liable to pay interest thereon.	No	No	Not Allowed
6	The tenderers shall keep the offer open for a minimum period as mentioned in NIT from the date of opening of the tender, within which period the tenderers can not withdraw their offer, subject to the period being extended further if required, by mutual agreement from time to time. Any intervention of the above condition will make the tenderer liable for forfeiture of his security deposit for due performance of the foregoing stipulation.	No	No	Not Allowed
7	If it is not mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender. The tenderer whether sole proprietor / a company or a partnership firm / registered society / registered trust / HUF / LLP etc. if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/Contract up to the stage of signing the agreement except in the case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association / Board resolution, failing which tender shall be summarily rejected. A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he / they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him / them to deal with all other contractual activities subsequent to signing of agreement, if required. NOTE : A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed and Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.	No	No	Not Allowed
8	Non-compliance with any of the conditions set forth therein above is liable to result in the tender being rejected.	No	No	Not Allowed
9	The quantities shown in above Schedule are approximate and are as a guide to give the tenderer(s) an idea of quantum of work involved. The Railway reserves the right to increase/decrease and/or delete or include any of the quantities given above and no extra rate will be allowed on this account.	No	No	Not Allowed

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**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All the bidders/tenders should ensure that they are GST compliant and their quoted tax structure/rates are as per GST Law.	No	No	Not Allowed

**Undertakings**

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

**Custom**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of opening of bids, either in their individual capacity or in any firm in which they were / are partners. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.	Yes	Yes	Allowed (Mandatory)

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	GCC-2022-ACS10_compressed.pdf	GCC 2022
2	ACS11_compressed.pdf	ACS 11
3	Listofpreferredmakebrands.pdf	List of brand
4	RailwayBoardJPOCableCut03062024.pdf	JPO CABLE
5	TenderForm87-2026.pdf	Tender Form
6	Specialcondition.pdf	Special condition
7	Specialconditionelectrical.pdf	Spl Condition for Electrical work

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:** ANSHUL BHARTI

**Designation :** DEN/Central