

**LUCKNOW-NR-DIVISION-S AND T/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 106-Sig-Tender-23-2026-27

Closing Date/Time: 03/07/2026 15:30

Sr.DSTE/C/LKO acting for and on behalf of The President of India invites E-Tenders against Tender No **106-Sig-Tender-23-2026-27** Closing Date/Time 03/07/2026 15:30 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	S&T work i.c.w. Provision of Shunting neck on Line No 4, both sides at Chaukhandi (CHH) station of Lucknow Division of Northern Railways.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	03/07/2026 15:30	Date Time Of Uploading Tender	12/06/2026 11:55
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	6652388.55	Tendering Section	SIGNAL
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	133100.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	365 Days
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	19/06/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A-A							6652388.55	
01	01	6.00	Per Route	3233.99	19403.94	AT Par	19403.94	
	Description:- Design of PI/RRI system complete including locking table, selection table, circuit diagram, contact analysis chart, preparation of operating cum indication panel Domino type diagram, route section plan, square sheet, wiring diagrams (circuit shall be designed by the contractor with the use of Q series relays which shall be supplied by Rly) on the basis of approved signal interlocking plan & obtaining approval of competent Authority. The operating cum indication panel may have addition & alteration to an extent of 5% variation in no. of Domino. Designing should be as per Railway specification and as per latest rules prescribed by Rly Drafting & supply of document shall be as per following details. (i) 4 sets of complete & approved drawings on superior quality paper, laminated, properly bound in steel clip jaw file with cover. Cable route plan & cable core chart & other bigger size prints to be ferro print but without laminations. (ii) Software back up of complete set in the form of CDs (Two Nos). (iii) One complete set of tracings on superior quality tracing sheets as approved by Railways. (iv) Design through CAD (v) Drawing to be on A-3 size & plan in bigger size papers as per requirement. Inspection by Consignee.							
02	02	20.00	Dominos	691.84	13836.80	AT Par	13836.80	
	Description:- Fabrication & supply of domino type operating cum indication panel for way side station/LC Gate as per RDSO spec RDSO/SPN/186/2004, Ver. 2 or latest (if applicable). This includes LEDs, acrylic sheet etc. One panel consist of 96 dominos as per approved panel diagram. Inspection by- Consignee.							
03	03	20.00	Dominos	56.72	1134.40	AT Par	1134.40	
	Description:- Installation and complete wiring of optg-cum indication panel for mid section LC Gate. Per domino							
04	04	1.00	Numbers	6560.33	6560.33	AT Par	6560.33	
	Description:- Fabrication, wiring and supply of simulation panel as per drawing no. SSTE/PS/1562 dt.05.09.2001. This includes wiring from Relay room to the simulation panel. ARA terminals and fuse bases shall be supplied by Railway. All materials such as on/off/2way switches, wires, strips & tag blocks etc. to be supplied by the contractor. (Only indoor cables for wiring between relay room and simulation panel shall be supplied by Railways).							
	05	1.00	Numbers	11038.24	11038.24	AT Par	11038.24	

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05	Description:- Fabrication, wiring and supply of lamp board as per drawing no. SSTE/PS/1563 dt.05.09.2001. This includes wiring from Relay room to the lamp board. All materials such as wires, strips, tag blocks, lamps & holders etc. including sufficient lamps for testing to be supplied by the contractor. (Only cables for wiring between relay room and lamp board shall be supplied by Railways).						
06	06	1.00	Job	74920.73	74920.73	AT Par	74920.73
	Description:- Testing and commissioning of complete yard both indoor & outdoor including breakdown testing with w.r.t selection table /locking table using simulation panel finally from panel in presence of railway officials.						
07	07	1.00	Job	20683.40	20683.40	AT Par	20683.40
	Description:- Alteration/Installation,wiring,testing & commissioning of data logger with 1024 Digital & 32 Analog inputs including power supply arrangements as per RDSO Spec. No. IRS:S-99/2006 (Amdt.-3) or latest & as per technical specification, Execution shall be done by OEM.						
08	08	1500.00	Metre	44.26	66390.00	AT Par	66390.00
	Description:- Excavating and refilling of trench to the level of ground with rammed earth as per Drg. No.(NR/S&T/Con/1.1/97A) so as not to form a drain 0.3 Mtrs wide & 1mtr deep on both side of the station along side the track. It shall conform to the safe distance as per signalling and cable plan in all type of soil, it also includes clearance of roots of trees and bushes.						
09	09	100.00	Metre	141.35	14135.00	AT Par	14135.00
	Description:- Excavating and refilling of trench 0.3 Mtrs wide & 0.8 mtr deep on pitced/stone/bricks paved surface, road/crossing/platform etc. and restoration of surafce to original condition.						
10	10	24000.00	Metre	5.44	130560.00	AT Par	130560.00
	Description:- Laying of signalling/Telecom/power cables of different sizes as per attached guidelines (Drg. No.(NR/S&T/Con/1.1/97A) or latest on signalling cable laying and as per cable route plan approved by Railways through trenches, RCC pipe, DWC pipe, GI pipe etc and meggering of cable before and after its laying of all type of outdoor cables. Contractor have to transport cable from any store of LKO division to site carefully. Meggering to be done for each drum separately. Meggering sheets to be supplied and filled up by contractor and submitted to Railways, as per instructions by Consignee.						
11	11	12000.00	Numbers	5.83	69960.00	AT Par	69960.00
	Description:- Supply and laying of 2nd class bricks in the trench and laying as per Drg. No. (NR/S&T/Con./1.1/97A) and as per instruction of the site Engineer						
12	12	250.00	Metre	1306.49	326622.50	AT Par	326622.50
	Description:- Boring and trenchless cabling along with supply and insertion of HDPE/DWC self lubricated pipes as per RDSO Spec no. RDSO/SPN/204/2011 Ver 1.1 or latest of 120mm nominal dia in the bore at the depth of 1.4 meter to 2.1 meter from formation level (level of earth below ballast) as per drawing and as directed by Engineer Incharge by trenchless technology for laying of signalling /telecom/power cable under track /culvert etc. cable laying covered separately. Inspection-Consignee for Supply of DWC/HDPE pipe. The following required coupling arrangement shouldalso be supplied: 1. Suitable snap fit couplers withrubber O ring, 2. Spacers, 3. Tees. 4. Bend. 5. End Cap(1 no. =6mtr ,Straightpipe). (A) The cost shall include horizontal boring through any intermediate obstruction, either natural or man made or any boundary etc. (B) The rate is inclusive of all the materials equipment and labour required for during trenchless horizontal boring under the railway track. Nothing extra shall be admissible on any account than the rate quoted above. (C) The Pipes to be laid underrailway track/road /culvert. All necessary arrangement are to be provideand all precautions are to be end is not deviated from the horizontal level line by more than 250mm in horizontal and vertical direction. (D) The rate shall be inclusive of direction and protection of underground utilities encountered during boring. (E) The payment for boring shall be made only when DWC/HDPE pipe are laid in the bore.						
13	13	100.00	Metre	969.71	96971.00	AT Par	96971.00
	Description:- HDD boring and trenchless of 120 mm dia without HDPE pipe for laying of Signalling/Telecome/Power cable under Track/Road/Culvert etc. Cable laying is covered separately.						
14	14	30.00	Metre	1183.72	35511.60	AT Par	35511.60
	Description:- Supply and Fixing of G.I pipe 100 mm dia, 3 mm thick as per specn No. IS-1239, Medium grade, perforated at a distance of 20 cm or less of required length at culverts / bridges / along the cutting, suitably concreted at both ends as per drg.No.NR/S&T/CON/1.4/97. G.I. clamps of M.S. flats bolts & nuts to be supplied by the contractor. Inspection by Consignee for supply portion.						
15	15	14.00	Numbers	18855.72	263980.08	AT Par	263980.08
	Description:- Supply of Apparatus case steel Single with 'E' type locks and key ward No 42 complete as per drawing No.RE/S&T/ALD/SK/219/82 & 221/82 with Alt B or latest. Handle should be at the rate of one each 4 nos. appratus case. Inspection: Consignee						
	16	14.00	Numbers	4251.65	59523.10	AT Par	59523.10

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16	Description:- Casting, concreting and curing of foundation and erection of App. Case single as per Drg. No (NR/S&T/ Con/2.7/97). A layer of 3mm of Bitumin compound has to be provided between foundation and location box to prevent ingress of water in the base of location box.All material such as cement, sand, aggregate & anchor bolts shall be supplied by the contractor. Contractor is required to execute all type of repair work of foundation if required during inserting the cable for termination.						
17	17	6.00	Numbers	4773.35	28640.10	AT Par	28640.10
	Description:- Preparation of App. Case single involving wiring of relays: Preparation & fixing of bakelite hylum sheet 910x800x6mm and bakelite shelf 900x450x25mm duly fixed by angle iron piece of different size inside all the app. Cases. Hylum board shall be fixed on an angle iron frame of 25mmx25mmx3mm. Angle iron frame will be fixed in location boxes secured by nuts and bolts.This includes fixing of fuses, ARA terminal, Q series relays and other type relays on square bars fixing and jamming of cables with 2 inch thick salwood plank provided at the bottom. This will include opening, pasting and jamming armour of each cable in the hole drilled separately for each cable through the salwood plank and all cable entry points on location boxes, location huts, JBs relay room/battery room to be closed with suitable masonry Works covered with sand and plastering.Wiring description for terminal drawing of circuits, inside app. Case. Painting from out side as well inside with red oxide and aluminum paint is covered separately. Size of lettering will be 100mm or as per instructions of Engineer at site. All materials including Bakelite shelf, hylum board, salwood plank, wire and wiring material, non deteriorating type HRC fuses with bases, catenary wires, nuts and bolts and other items shall be supplied by the contractor and shall be as per the RDSO specn. (as applicable). Relays, ARA terminals only shall be supplied by the Railways.						
18	18	6.00	Numbers	4608.82	27652.92	AT Par	27652.92
	Description:- Preparation of App. Case single not involving wiring of relays: Preparation & fixing of bakelite hylum sheet 910x800x6mm and Bachelite shelf 900x450x25mm duly fixed by angle iron piece of different size inside all the app. Cases. Hylum board shall be fixed on an angle iron frame of 25mmx25mmx3mm. Angle iron frame will be fixed in location boxes secured by nuts and bolts.This includes fixing of fuses, ARA terminal, fixing and jamming of cables with 2 inch thick salwood plank provided at the bottom. This will include opening, pasting and jamming armour of each cable in the hole drilled separately for each cable through the salwood plank and all cable entry points on location boxes, location huts, JBs relay room/battery room to be closed with suitable masonry Works covered with sand and plastering.Wiring description for terminal drawing of circuits, inside app. Case. Painting from out side as well inside with red oxide and aluminum paint is covered separately. Size of lettering will be 100mm or as per instructions of Engineer at site. All materials including Bachelite shelf, hylum board, salwood plank, wire and wiring material, non deteriorating type HRC fuses with bases, catenary wires, nuts and bolts and other items shall be supplied by the contractor and shall be as per the RDSO specn.(as applicable). ARA terminals only shall be supplied by the Railways.						
19	19	2.00	Numbers	3444.05	6888.10	AT Par	6888.10
	Description:- Preparation of App. Case to be used as battery box (not requiring shelf and hylum of size 910x150x6mm only is reqd.): This includes fixing of fuses, ARA terminal and jamming of cables with 2 inch thick salwood plank provided at the bottom. This will include opening, pasting and jamming armour of each cable in the hole drilled separately for each cable through the salwood plank and all cable entry points on location boxes, location huts, JBs relay room/battery room to be closed with suitable masonry Works covered with sand and plastering.Wiring description for terminal drawing of circuits, inside app. Case. Painting from out side as well inside with red oxide and aluminum paint is covered separately. Size of lettering will be 100mm or as per instructions of Engineer at site. All materials including hylum board, salwood plank, wire and wiring material, catenary wires, nuts and bolts and other items shall be supplied by the contractor and shall be as per the RDSO specn.(as applicable). ARA terminals only shall be supplied by the Railways.						
20	20	4.00	Numbers	15835.90	63343.60	AT Par	63343.60
	Description:- Supply of apparatus case steel half with 'E' type locks and key ward No. 42 as per Drawing No. RE/S&T/ALD/SK/220/82 & 221/82 with alt B or latest. Handle should be at the rate of one each per 4 Nos apparatus case. Inspection: Consignee						
21	21	4.00	Numbers	4482.70	17930.80	AT Par	17930.80
	Description:- Casting, concreting and curing of foundation and erection of app. Case half as per Drg. No (NR/S&T/Con/2.8/97). A layer of 3mm of Bitumin compound has to be provided between foundation and location box to preventingress of water in the base of location box. All material such as cement, sand, aggregate & anchor bolts shall be suppliedby the contractor. Contractor is required to execute all type of repair work of foundation if required during inserting thecable for termination.						
	22	2.00	Numbers	3743.71	7487.42	AT Par	7487.42

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22	Description:- Preparation of App. Case half involving wiring of relays: Preparation & fixing of bakelite hylum sheet 450x800x6mm and bakelite shelf 450x450x25mm duly fixed by angle iron piece of different size inside all the app. Cases. Hylum board shall be fixed on an angle iron frame of 25mmx25mmx3mm. Angle iron frame will be fixed in location boxes secured by nuts and bolts.This includes fixing of fuses, ARA terminal, Q series relays and other type relays on square bars fixing and jamming of cables with 2 inch thick salwood plank provided at the bottom. This will include opening, pasting and jamming armour of each cable in the hole drilled separately for each cable through the salwood plank and all cable entry points on location boxes, location huts, JBs relay room/battery room to be closed with suitable masonry Works covered with sand and plastering.Wiring description for terminal drawing of circuits, inside app. Case. Painting from out side as well inside with red oxide and aluminum paint is covered separately. Size of lettering will be 100mm or as per instructions of Engineer at site. All materials including Bakelite shelf, hylum board, salwood plank, wire and wiring material, non deteriorating type HRC fuses with bases, catenary wires , nuts and bolts and other items shall be supplied by the contractor and shall be as per the RDSO specn.(as applicable). Relays, ARA terminals only shall be supplied by the Railways.						
23	23	2.00	Numbers	3344.34	6688.68	AT Par	6688.68
	Description:- Preparation of App. Case half not involving wiring of relays: Preparation & fixing of bakelite hylum sheet 910x800x6mm and Bakelite shelf 900x450x25mm duly fixed by angle iron piece of different size inside all the app. Cases. Hylum board shall be fixed on an angle iron frame of 25mmx25mmx3mm. Angle iron frame will be fixed in location boxes secured by nuts and bolts.This includes fixing of fuses, ARA terminal, fixing and jamming of cables with 2 inch thick salwood plank provided at the bottom. This will include opening, pasting and jamming armour of each cable in the hole drilled separately for each cable through the salwood plank and all cable entry points on location boxes, location huts, JBs relay room/battery room to be closed with suitable masonry Works covered with sand and plastering.Wiring description for terminal drawing of circuits, inside app. Case. Painting from out side as well inside with red oxide and aluminum paint is covered separately. Size of lettering will be 100mm or as per instructions of Engineer at site. All materials including Bakelite shelf, hylum board, salwood plank, wire and wiring material, non deteriorating type HRC fuses with bases, catenary wires, nuts and bolts and other items shall be supplied by the contractor and shall be as per the RDSO specn.(as applicable). ARA terminals only shall be supplied by the Railways.						
24	24	100.00	cum	163.63	16363.00	AT Par	16363.00
	Description:- Earth work for excavation and refilling around location boxes and signals etc. where necessary including 50m lead and 1.5M lift. The lead is to be measured from centre of gravity of location to the centre of filling and lift from main ground level. The earth work should be well rammed including breaking of clods, levelling and dressing etc. as per instruction of Engineer at site.						
25	25	10.00	cum	3547.70	35477.00	AT Par	35477.00
	Description:- Concreting unscheduled items in concrete of 1:3:6 ratio in cement, coarse sand and aggregate 25mm at different places in the yard and plastering top in fine plaster of 1:4 cement sand ratio. It also includes the excavation of earth as required at site and as per instruction of site incharge. The volume in cubic metres shall include the volume occupied by any CI foundation, trstle, MS angle or flat or GI pipe required to be embedded in the casting. Cement coarse sand and aggregate 25mm are to be supplied by the contractor.						
26	26	6.00	Hour	1084.90	6509.40	AT Par	6509.40
	Description:- Engaging mechanical excavators like JCB or other machineries for regarding and leveling the formation, Dismantling any infringing structures, clearing and removing debris etc., with all lead and lifts etc., complete and as per the instruction of railway representative at site.						
27	27	4.00	Numbers	4173.35	16693.40	AT Par	16693.40
	Description:- Supply of Track Feed Battery Charger 110VAC/2-4-6-8 VDC /10 Amp as per RDSO Spec No.89/2013 (Amdt-1) or latest with Potential free contact for remote indication, from RDSO approved firm. Inspection by-RDSO.						
28	28	12.00	Numbers	2775.67	33308.04	AT Par	33308.04
	Description:- Supply of sec. cell low maintenance 2 V/ 80 AH conforming to IRS S-88/2004, Rev.1 or latest with micro porous vent plugs cum floats with inter cell connectors, nuts, bolts, washers etc. Inspection by : RDSO						
29	29	12.00	Numbers	209.89	2518.68	AT Par	2518.68
	Description:- Charging of 80/120AH secondary batteries (with contractor's charging equipment) as per standard procedure. All the charging materials i.e. sulphuric acid confirming to IS: 266-1993 or latest IRS specifications and distilled water confirming to latest specifications will be supplied by the contractor. This also includes installation of secondary batteries, their inter-connections & writing work as per directions of site Engineer.						
	30	2.00	Numbers	16276.02	32552.04	AT Par	32552.04

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30	Description:- Installation of Berthing and straight DC track circuits to suit RE area as per standard practice. This will include following as per site requirement: (a) Drilling of holes 7.2 mm diameter or size as required provision of continuous G.I. wire bonding on switch portion and crossing of point with two bonds wires and two clips duly fastened with fish plates and bolts at each joints including transverse bonding with rope wire. 8 SWG G.I. soft bond wire, Channel bond pins and all other material required will be supplied by contractor. (b) Jumpering from rail to rail or to track lead junction box including polarity jumpers/cables as per track jumpering/insulation diagram. This includes continuity of joint on rail web for TLJB/BOOTLEG bonding method, terminating the jumpers in the Track Lead Junction Box and fixing the jumper on the sleeper as per instructions of site Engineer. (c) Fixing of insulated block joints complete with provision of skimmedfish plate. Fish plates shall be supplied by the Railways but skimming to be done by contractor. Supply of insulation materials for insulated block joints is not included. (d) Fixing of Track Lead Junction Boxes as per drawing No. (NR/S&T/CON/3.2/97A) along with concrete foundation and plastering on both ends i.e., T.F. and TR end and for polarity changers as per the track jumpering/insulation diagram. All material for fixing including angle iron shall be supplied by the contractor. This also includes supply and fixing of TLJBs will provision of M-6 terminals. TLJB to be written with track circuit number. (e) Provision and wiring in the apparatus Cases/relay huts of T.F. battery charger, TF resistance 15 Ohms, track relays, choke B-type (at Feed End & Relay End) & batteries as per the standard practice using fuses and terminals. This includes supply of all material by contractor as per RDSO specifications (as applicable) except supply of TF battery charger, batteries, relays which are covered separately. (f) Commissioning of track circuits as per provisions of Paras under IRS specification S-36/87, Amd.2. This includes adjustment of track feed resistance, testing with train shunt resistance. This also includes preparation of track history cards. Track history card should be supplied by the contractor.						
31	31	2.00	Numbers	25799.99	51599.98	AT Par	51599.98
	Description:- Installation of Point track circuit having double point (excluding traps) DC track circuits to suit RE area as per std. Practice. This will include following as per site requirement:- (a) Drilling of holes 7.2 mm dia or size as required provision of continuous G.I. wire bonding on switch portion and crossing of point with two bonds wires and two clips duly fastended with fish plates and bolts at each joints including transverse bonding with rope wire. 8 SWG G.I. soft bond wire, Channel bond pins and all other material required will be supplied by contractor.(b) Jumpering from rail to rail or to track lead junction box including polarity jumpers/cables as per track jumpering/ insulation diagram. This includes continuity of joint on rail web for TLJB/BOOTLEG bonding method, terminating the jumpers in the TL JB and fixing the jumper on the sleeper as per instructions of Engr. at site. (c) Fixing of insulated block joints complete with provision of skimmed fish plate. Fish plates shall be supplied by the Railways but skimming to be done by contractor. Supply of insulation materials for insulated block joints is not included.(d) Fixing of TL JB's as per drg. No. (NR/S&T/CON/3.2/97A) along with concrete foundation and plastering on both ends i.e. T.F. and TR end and for polarity changers as per the track jumpering/ insulation diagram. All material for fixing including angle iron shall be supplied by the contractor. This also includes supply and fixing of TL JB's will provision of M-6 terminals. TLJB to be written with track circuit number.(e) Prov. and wiring in the app. Cases/relay huts of T.F. battery charger, TF resistance 12 Ohms, track relays, choke B type (at Feed End & Relay End) & batteries as per the standard practice using fuses and terminals. This includes supply of all material by contractor as per RDSO specifications (as applicable) except supply of TF battery charger, batteries, relays which are covered separately. (f) Commissioning of track circuits as per provisions of Paras under IRS spec. S-36/87, Amd.2. This includes adjustment of track feed resistance, testing with train shunt resistance. This also includes preparation of track history cards. Track history card should be supplied by the contractor.						
32	32	3680.00	Numbers	65.90	242512.00	AT Par	242512.00
	Description:- Supply of terminal block M-6 (ARA terminals) Block 25 mm centre small M-6 terminal made of PBT as per IRS spec. No.IRS-S-75/2006 (Rev.2) or latest & IRS drawing No.SA-23741/A (Alt. 4) or latest. Inspection: RDSO						
33	33	1840.00	Numbers	11.24	20681.60	AT Par	20681.60
	Description:- Termination of all the cores of all type of outdoor cables after its laying on both end.This also includes preparation of test report for core to core and core to earth on prescribed proforma for each core of the cable separately. This also includes dressing and lacing of cables on both ends.Proforma for testing and material for lacing to be supplied by the contractor.						
34	34	480.00	Numbers	461.22	221385.60	AT Par	221385.60
	Description:- Wiring of relays in relay room/relay huts as per approved wiring diagrams. All material required will be supplied by contractor including indoor cables and wires of 1x1, 1x0.6, 3/0.29, 16/0.2, 40x0.6, 40x1, 60x0.6, 60x1 dia.of copper conductor as per NR practice conforming to latest IRS S76/89 (Amd.3) or latest available specifications . This also includes soldering, dressing, bunching, lacing, fixing of relay bases etc. and provision of LED indication box of vital relays in relay room if required and provision of potential free contacts of all relays on tag block for data logger as per instruction of site Engineer.						
	35	300.00	Metre	516.70	155010.00	AT Par	155010.00

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35	Description:- Supply & installation of HDPE double Wall Corrugated (DWC) Pipe as per as per RDSO Specification No. RDSO/SPN/204/2011 Ver. 1.1 With Amndt-1 (outer dia 120 mm 6m st. length with one coupler for every 6m length). This include brick work and other arrangements required to secure the pipe as per specifications, drawings and stipulations of tender documents and as per approved cable route plan including road crossing/platform/track crossing and for bridges and culverts etc. Inspection by- Consignee for supply portion.						
36	36	2.00	Numbers	8822.69	17645.38	AT Par	17645.38
	Description:- Casting, concreting and curing of foundation of main signal as per Drg No. NR/S&T/Con / 2.1/97A. All material such as Anchor bolts cement, sand, aggregate to be supplied by the contractor. (Size 1041mm X 1041 mm at bottom and 711mm X 711 mm at Top, 1750mm Deep)						
37	37	2.00	Numbers	3019.61	6039.22	AT Par	6039.22
	Description:- Fixing of 2-aspect of colour light signal CLS surface base, bolting on the foundation. Erection of CLS post with signal unit on the top or on an offset bracket and fitting ladder and guard to the post at the top Concreting ladder base and embedded into the ground with supporting bracket in the middle. Blanking of the ladder for a distance of 1 feet between the height 6'9"and 7'9"from the rail level by MS angle and MS sheet 0.6mm thick wherever required. This includes provision of wooden (sal) cross arm 1Mx1M for CLS unit prior to the commissioning, fixing of AC / DC lit LED Signal unit and hood on CLS unit, wiring the CLS unit and fixing the signal.Elevation and distance of foundation from track shall be in accordance with schedule of dimension for Indian Railway published by Government of India & approved Drawings. All items for the above work except items mentioned in Annx B-2 shall be supplied by the contractor including following items. (i) U bolt for offset bracket. (ii) Wooden cross arm 1Mx1M (iii) MS sheet and MS angle for blanking of ladder (iv) Wire mesh guard, U-lock for unit , nuts and bolts etc for the following. (v) Supply and fixing of Signal Number Plate (Retro refractive type) with complete fittings as per standard railway practice.						
38	38	2.00	Numbers	17173.00	34346.00	AT Par	34346.00
	Description:- Supply of CLS Signal post 3.6 Metre and ladder 3.5 M with bases (140mm dia, tubler) and platform conforming to IRS:S-6-81 and Drg. No 2011/M and for the ladder RDSO drg No. SA-23153(adv)or latest. Inspection: Consignee						
39	39	2.00	Numbers	31479.33	62958.66	AT Par	62958.66
	Description:- Supply of non metallic (FRP) CLS housing mutli unit type for railway signalling suitable for RE Area, 2-Aspect complete without lenses, lamps and signal transformer as per RDSO Drg No. SA-23003/A/M/ADV.Alt 8 and as per Spec no. RDSO/SPN/194/2006/ Rev-2.0 or latest and FRP material as per RDSO No. RDSO/SPN/151/1997 or latest. All drawing should be as per latest. Note:- Signal should be compatible to LED type. Inspection- Consignee						
40	40	4.00	Numbers	9570.27	38281.08	AT Par	38281.08
	Description:- Supply of shunt signal position light complete with unit post and surface base as per Drg no. SA 23840 (adv) to SA 23848 (adv) & specs.no.IRS-S-23/88 (Independent post type). Inspection by- Consignee.						
41	41	2.00	Numbers	9997.63	19995.26	AT Par	19995.26
	Description:- Supply of shunt signal position light complete with unit offset bracket 3.5" diameter with U type lock but Without lenses, holders, bulbs and locks etc. as per drawing no. SA 23840 (Adv). to SA 23848 (Adv) & Specs.no.IRS-S- 23/88. (Dependent post type)., Inspection: Consignee						
42	42	4.00	Numbers	4202.21	16808.84	AT Par	16808.84
	Description:- Casting, concreting and curing of foundation of Shunt signal/ 'F' marker of size 855mm x 855mm at bottom and 711mmx 711mm at top and 750mm deep as per Drg No. NR/S&T/Con /2.1/97A. All material such as Anchor bolts, cement, sand, sand stone aggregate to be supplied by the contractor.						
43	43	4.00	Numbers	1350.96	5403.84	AT Par	5403.84
	Description:- Installation, erection & wiring of (Independent position) light shunt signal/F marker, this includes fixing of shunt signal, surface base signal post, LED unit, hood and all wiring & fixing material such as U' bolt, nuts, washer, wire,wire mesh etc. will be supplied by contractor.						
44	44	2.00	Numbers	1125.09	2250.18	AT Par	2250.18
	Description:- Installation, erection and wiring of calling-on signal /Dependent shunt signal / illuminated 'A' marker / 'AG' marker/ 'F' marker on the same post below the main signal on offset bracket. The wiring material to be supplied by the contractor. It includes fixing of LED signal unit and hoods, wiring and focusing of the signal. Supply of Offset brackets, calling on signal/shunt signal complete is covered as seperate item of schedule. U-bolt for offset bracket wire and wiring material will be supplied by contractor.						
	45	40.00	Numbers	3253.77	130150.80	AT Par	130150.80

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45	Description:- Supply and installation of earth electrodes as per std.practice. The item includes digging of pit in earth, 3 Mtrs. deep and fixing earth electrode pipe. Casting of cement concrete enclosures as per drg. No.(NR/S&T/CON/6.4/97) or latest. The soil treatment shall be done as per std.practice. The item includes provision of mild steel flat of size 35mm x 6mm (as per IRSEM) and nut bolted connection of MS flat with earth electrode. The other end of mild steel flat to be connected to block instrument, cable sheath of power equipment, signal base, apparatus case, CT rack / relay racks, other equipments as per the instruction of Engr. at site & IRSEM. Earth connection Signal & location boxes to be done Drg.No. 19-D6 of IRSEM App II or latest. Complete materials such as earth electrodes as per Drg. No. (NR/S&T/CON/6.3/97) or latest, cement, wiring material, nutbolt for connection & mild steel flat of size minimum 35mm x 6mm or 210 sqm as per SEM etc. to be supplied by the contractor. Inspection by - Consignee for supply of earth electrode.						
46	46	8.00	Numbers	23652.40	189219.20	AT Par	189219.20
	Description:- Supply, installation & commissioning of maintenance free earth suitable kit as per RDSO specification RDSO/SPN/197/2008 and Drg No. SDO/RDSO/E&B/002 dated 19.09.2008 and as per RDSO TAN letter No- RDSO-SIGEnB (GEN)/1/2020 dated 30.06.2025 or latest with latest amendments. Earthing kit consisting :- 1. Earthing electrode of 17.0 mm dia 3m long- 01 No. 2. Main equi-potential Earth Busbar (MEEB) (300mm x 25mm X 6mm minim.) - 01 No. 3. Sub equi-potential Earth Busbar (SEEB) (150mm X 25mm X 6mm minim.) 01 No. 4. Earth Enhancing compound- 30-35 Kg (minimum) 5. Multi-strand single core PVC insulated copper cable 10 Sq. mm as per IS:694 used to connect individual equipment to SEEB Minim. 10 mtrs or as per site requirement or as per Purchaser Railway 6. Multi-strand single core PVC insulated copper cable 16 Sq. mm as per IS:694 used to connect SEEB to MEEB Minim. 10 mtrs or as per site requirement or as per Purchaser Railway 7. Multi-strand single core PVC insulated copper cable 16 Sq. mm as per IS:694 used to connect SPD to MEEB Minim. 10 mtrs or as per site requirement or as per Purchaser Railway 8. Multi-strand Single core PVC insulated copper cable 35 sq mm as per IS:694 (Duplicated) used to connect MEEB to main earth electrode Minim. 10 mtrs or as per site requirement or as per Purchaser Railway 9. Copper tape or solid copper round conductor of 25x2 mm or 8 mm dia used to connect Main earth pit to other earth pit in case of loop earth as per site requirement. 10. Copper strip of size 200mm X 25mm X 6mm to be exothermically welded to earth electrode - 1 No. 11. Exothermic Weld Material & Mould as per site requirement. This includes:- Provision of earth connection from MEEB/SEEB to S&T equipment i.e. cable sheath, apparatus case, BPAC, Axle counter, IPS, Data logger etc. with PVC earth wire of Size 16/10 Sq mm. through copper lugs of suitable size. PVC earth wire for connection of MEEB/SEEB to equipment shall be supplied by railway, Note: At certain locations, it may not be possible to achieve earth resistance of less than 1.0 ohm with one earth electrode/pit due to soil resistivity. In such cases, provision of loop earth consisting of more than one earth pit shall be done for interconnection of two earth pits copper tape of size 25 X 2 Sq. mm shall be provided by the contractor. The number of pits required shall be decided based on the resistance achieved for the earth pits already installed. The procedure mentioned above for one earth pit shall be repeated for other earth pits. The other earth so installed for the purpose of loop earthing arrangement shall be counted as separate earth. Supply by RDSO approved Firm, Installation of MFE is to be done by OEM as per standard procedure and pre commissioning checklist to be submitted duly signed by OEM representative and Railway Representative. Inspection: RDSO for supply portion.						
47	47	1.00	Numbers	20946.08	20946.08	AT Par	20946.08
	Description:- Fabrication, supply and fixing of cable termination board of size 2200mmx900mm as per Drg. No. NR/S&T/CON/ 4.1 /97-A made of angle iron of size 45mmx45mm x 6mm along with outer frame made of angle iron of size 65mmx65mm x 8mm duly fitted with Bakelite sheet of size 6 mm thick. This also includes fixing of ARA terminals & fuse bases. supply of negative copper bus bar. Supply and fixing of hard wood of size 70cmx 25cmx 4cm in the back for jamming of cables. Scaffolding /cable carrier made of angle iron of size 35mmX35mm X 6mm and flat of size 25mm X 5mm to be fabricated and supplied as per instructions of site Engineer. Separation between two flats will be 250 mm or less as per site requirements. All materials required for scaffolding/ cable carrier to be supplied by the contractor. All the fixing materials like bolts, nuts, washers, Insulators, shoe, angle irons, flats, L-bolts, cement, sand and concretes etc. will be supplied by the contractor. This includes cleaning, priming by red oxide, painting & writing of description etc. with ISI mark paints of Asian /Burger//Nerolac or similar make. with IS specification-15489:2004. On site inspection by Site Engineer						
48	48	1.00	Numbers	18877.57	18877.57	AT Par	18877.57
	Description:- Fabrication, supply and fixing of relay racks of size 2200mmx690mm (as per approved Drg. No.NR/S&T/CON/4.3/97A) made of angle iron size 45mmx45mmx6mm along with outer frame made of angle iron size 65mmx65mmx8mm, fitted with M.S. squares bars duly galvanized, descriptions strips to accommodate Plug-in typerelays/groups/Point contractor units/ECRs/HMUs. All fixing material like antilting device, hylam sheets if required, bolts & nuts, washers, insulators, shoe, angle irons, flats, L-bolts, Catenary wires and cement concrete etc. will be supplied by the contractor. This includes cleaning, priming by red oxide, painting & description etc. with ISI mark paints. On site inspection by Site Engineer						
49	49	150.00	Numbers	4184.92	627738.00	AT Par	627738.00
	Description:- Supply of Relays - Miniature, Plug-in Type, M to C, DC Neutral Line AC Immunized Relay, Style QNA1, 24 V DC, 8F-8B Contact, Code ABDGH/ABDFH Spec: BRS:931A; IRS S 34 ; IRS S 23 ; IRS S 60-78 , STR: SIQ 0420 Ver.1 or latest. Inspection : RDSO						

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50	50	250.00	Numbers	3874.42	968605.00	AT Par	968605.00	
	Description:- Supply of Relays - Miniature, Plug-in Type, M to C, DC Neutral Line, Non AC Immunised Relay, Style QN1, 24 V DC, 8F-8B Contact, Code ABCDF/ABCDE Spec: BRS:930 ;IRS S 34 ; IRS S 23, STR: SIQ 0420 Ver.1or latest. Inspection : RDSO							
51	51	20.00	Numbers	6164.99	123299.80	AT Par	123299.80	
	Description:- Supply of Relays - Miniature, Plug-in type, M to C, DC Neutral Line Relay, 24V DC 1000 Ohm , ACI Style- QNA1K, 6F-6B Contact, Code CDEKY/CDEKY Spec: BRS:931A & STs/E/Relays/UEA/PI dtd 30.05.97 Annex II & IRS:S-23, 34 & 60 STR: SIQ 0420 Ver.1 or latest. Inspection : RDSO							
52	52	40.00	Numbers	4238.53	169541.20	AT Par	169541.20	
	Description:- Supply of Relays- Miniature, Plug-in type, Tractive Armature, M to C, Universal AC lamp proving relay, Style QECX, 4F-4B Contact, for 110 V AC LED Signal Lamp Code ABDHK Spec: BRS: 941A, STS/E/RELAYS/AC LIT LED SIGNAL/09-2002 Amdt1, IRS S-23 & 34, STR: SIQ 0420 Ver.1 or latest. Inspection-RDSO							
53	53	4.00	Numbers	5237.38	20949.52	AT Par	20949.52	
	Description:- Supply of Relays - Miniature, Plug in Type, M to C, DC Neutral ,Track Relay, ACI, Style QTA2, 9 Ohm, 2F-1B Contact, Code FGHKX Spec: BRS:939A & 966 (Appx F2) & IRS:S-23, S34 & 60, STR: SIQ 0420 Ver.1 or latest. Inspection- RDSO							
54	54	4.00	Numbers	5685.58	22742.32	AT Par	22742.32	
	Description:- Supply of Relays - Miniature, Plug in Type, M to C, DC Neutral, Line Relay QSPA1, 24V DC, Slow to Pick up AC Immunized, 8F-4B Contact, Code ABDEJ QSPA1 Spec: BRS:933A ; IRS S 34 ; IRS S 23 ;IRS S 60-78, STR: SIQ 0420 Ver.1 or latest. Inspection by-RDSO.							
55	55	4.00	Numbers	96638.05	386552.20	AT Par	386552.20	
	Description:- SUPPLY OF RRI POINT GROUP SIEMENS MAKE TYPE RSSK 3515/19 (WITHOUT BASE PLATE) [Inspection :RDSO]							
56	56	13350.00	MT-Km	5.24	69954.00	AT Par	69954.00	
	Description:- Loading, Leading & unloading of materials from store to another store as per instruction of consignee. All the material to be transported carefully without damage. Contractor have to do proper stacking of material and prepare list of material.							
57	57	4.00	Numbers	7887.07	31548.28	AT Par	31548.28	
	Description:- Supply and provision of joints with the help of thermoshrink jointing (TSF-3) kit as per specifications, drawings and stipulations of tender documents and as per approved cable route plan at various locations for 06 quad/04 Quad cable. Jointing kit to be supplied as per RDSO Specification IRS:TC 77-2012(Rev-3) or latest amendments. Inspection- Consignee							
58	58	1000.00	Numbers	130.75	130750.00	AT Par	130750.00	
	Description:- Supply of 4 conductor dis-connect terminal block for test and measurement 0.8 sq.mm-2.5 sq.mm centre marking with test slot for test plug 2mm/0.079IN and 2.3mm/0.091IN carrier rail DIN 35 front entry cage clamp connection Grey Wago or similar as RDSO/SPN/189/2004 Rev. 3.0 or latest. Material to be supplied from RDSO approved firm. Inspection : RDSO							
59	59	10.00	Numbers	143.47	1434.70	AT Par	1434.70	
	Description:- Supply of Steel carrier Rail 35x7.5mm/0.039 in thick unslotted, yellow with Chrome Wago or similar as per RDSO/SPN/189/2004 Rev. 3.0 or latest. Inspection : Consignee							
60	60	50.00	Numbers	18.14	907.00	AT Par	907.00	
	Description:- Supply of End and Intermediate Plate 2.5mm/0.098 in Thick Wago or similar as per RDSO/SPN/189/2004 Rev. 3.0 or latest. Inspection : Consignee							
61	61	50.00	Numbers	15.25	762.50	AT Par	762.50	
	Description:- Supply of screw less end stop 10mm/0.394 in wide carrier rail DIN 35 Grey Wago or similar as per RDSO/SPN/189/2004 Rev. 3.0 or latest. Inspection : Consignee							
	62	4.00	Job	9993.52	39974.08	AT Par	39974.08	

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62	Description:- Fixing, wiring, testing & adjustment of 143mm/220mm throw point machine complete as per standard practice. It also includes:- (i) Fixing of switch extension P bracket, providing insulation for switch extension bracket, fixing ground connections, adjusting the correct opening of switches and adjusting the point machine with crank handle.(ii) Wiring inside the point machine, erection of 30/40 line junction box as per Rly. drawing, provided with terminal strips for cable termination. (iii) Supply & Fixing of GI pipes with flange for taking cable in to point machine and Jn. Box through gland/ GI pipe.(iv) Complete material for insulation viz. point insulation material, junction box, GI Pipe/gland pipe, wiring material, nut & bolts of various sizes, angle iron of size (75mmx75mmx10mm), MS channels for fixing of machine, , lugs for the point rodding and insulation material for the stretcher bar 90R/52kg/60kg as per RDSO Drg. no. SA-23171 (Adv.) Alt. 1, SA-23172 (Adv.) Alt. 1 or latest will be supplied by the contractor.(v) Smithy and fitting work required at site for complete installation of gauge tie plate and insulation of GTP as per Drg. No. NR/S&T/CON/7.6/97 and William stretcher bar (if required) will be done by the contractor. Machine will be overhauled by the contractor if required. (vi) This includes removal of existing gears and fixing the machine at raised level on channel as per standard practice to avoid flooding wherever required. (vii) Supply of ground connection of electric point machine, Non insulated GTP and CTP extension plate, junction box and stretcher bar shall be made available by the railways. Work at site shall be inspected by site engineer.						
63	63	4.00	Numbers	77093.33	308373.32	AT Par	308373.32
	Description:- Supply of Electric Point Machine IRS type Non-trailable to operate on 110V DC, 143mm throw as per RDSO Drg No. RDSO/S-10800 with internal locking arrangement complete with lock detector, cable terminal box and slides for LOCK & DETECTOR as per RDSO SPN. IRS: S/24/2025 Rev. 3.0 or latest. Inspection- RDSO						
64	64	4.00	Set	10709.26	42837.04	AT Par	42837.04
	Description:- Fabrication & Supply of complete set of point rodding for point machines of IRS type or its equivalent type as per RDSO Drg. No. SA 8800-01 (Adv) or latest along with 'P' brackets and 'L' bracket required (Coal & Smithy work), all type of nuts & bolts and Lugs as required also to be supplied by contractor with each set) . Inspection : Consignee						
65	65	4.00	Set	484.76	1939.04	AT Par	1939.04
	Description:- Supply of Insulation for 'L' type bracket for point fitting IRS type as per Drg. No. SA-8800-01(Adv.) or latest complete consisting of insulation rail joint splice plate - 01 No. to Drg. no. S-8804 Nylon Type 66 as per IRS-S-40/84 with latest amendment, Ferule - 02 Nos. to Drg. no. S-8813 as per Specn. no. IRS:S-40/84 material Nylon type 66, washer - 04 Nos. to RDSO Drg. no. T-10371 ALT-2 IRS-40/84 nylon type-66. Inspection-Consignee						
66	66	8.00	Set	1246.29	9970.32	AT Par	9970.32
	Description:- Supply of Insulation for 'P' bracket for point fitting IRS type complete consisting of Rail joint splice Plate for 'P' bracket LH side - 01 No. as per RDSO Drg. no. S-3266 Nylon Type -66 as per IRSS-40/84 with latest amendment, Insulation rail joint splice Plate for 'P' bracket RH side - 01 No. as per RDSO Drg. no. S-3265 Nylon Type -66 as per IRS S-40/84 with latest amendment, Bush for 'P' bracket -04 Nos. to Drg No. S-23199 as per Specn. IRS:s 40/84 material Nylon Type, Insulating washer for insulated 'P' bracket -04 Nos. to RDSO Drg. no. S8640 as per Specn. no. IRS-S 40/84 Nylon type-66. Inspection-Consignee						
67	67	16.00	Set	398.23	6371.68	AT Par	6371.68
	Description:- Supply of point's William stretcher bar insulation complete set as per per IRS: S-40/84 or latest and RDSO Drg. Nos. T-10367, T-10368& T-10371 with latest amendments complete with nut bolts etc. Inspection: Consignee						
68	68	8.00	Set	270.74	2165.92	AT Par	2165.92
	Description:- Supply of Gauge tie plate (GTP) insulation as per RDSO Drg.no. Plate T-10372/Alt. 2,T-10371/Alt.2, T-10368/Alt. & T-15083/88 Alt. 2 and to IRS Spec S-23 and S-40 with latest amendment. Inspection: Consignee						
69	69	2.00	Job	1538.57	3077.14	AT Par	3077.14
	Description:- Dismantling and releasing of Point Eqpts. which includes all S&T fittings of electrical and mechanical, facing point lock/ hand plunger lock/ lock bar / holding bar/ EPD/ mechanical detector/ Pt. machine with all attachments. All dismantled material to be transported and stack in the store of DY.CMM/AMV/LKO store depot or SSE/Sig/Store or any other store of N. Rly as per Consignee. Note :- Before dismantling joint survey is to be done with the site engr. and report to be submitted to the site engr. (1 Job= 1 Signal) Note :- Before dismantling joint survey is to be done with the site engr. and report to be submitted to the site engineer.						
70	70	6.00	Numbers	4755.44	28532.64	AT Par	28532.64

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	Description:- Shifting of Apparatus case Single: It includes the Excavation of pit in and around the existing location boxes very carefully without damaging the working cables and shifting and turning the location boxes to clear of the infringement as instructed by the railway representative at site. The work includes ensuring the safety of the signalling system, releasing the cables coils to give access for shifting/ turning the location boxes. Necessary masonry work and earth work in and around the location boxes to the required level shall be done as instructed by the Railway representative at site, if the existing earth connection to the location boxes are disturbed the earth wires shall be the properly reconnected. (All materials required for the work shall be supplied by the contractor).						
71	71	2.00	Numbers	3147.30	6294.60	AT Par	6294.60
	Description:- Shifting of Apparatus case half: It includes the Excavation of pit in and around the existing location boxes very carefully without damaging the working cables and shifting and turning the location boxes to clear of the infringement as instructed by the railway representative at site. The work includes ensuring the safety of the signalling system, releasing the cables coils to give access for shifting/ turning the location boxes. Necessary masonry work and earth work in and around the location boxes to the required level shall be done as instructed by the Railway representative at site, if the existing earth connection to the location boxes are disturbed the earth wires shall be the properly reconnected. (All materials required for the work shall be supplied by the contractor)						
72	72	200.00	Numbers	189.39	37878.00	AT Par	37878.00
	Description:- Supply of electric fuse complete with fuse block (base) for Railway signalling non deteriorating type low voltage fuse assembly 2Amp/4Amp/16Amp. to suit Specn. No. IRS: S-78/2006 and fuse block made of PBT/Polycarbonate as per IRS:S-75/2006 (Rev.2 & Amd.2) and Drg no. 23748 (IRS), Alt-4 or latest. Fuse block shall be suitable for round head type fuses. Inspection : RDSO for both Fuse and Fuse block						
73	73	1.00	Job	22019.05	22019.05	AT Par	22019.05
	Description:- Cleaning, scraping, painting and lettering of all newly installed and existing gears by the contractor for existing/new Level Crossing Gates. This includes supply of all painting materials and marking of all the ckt particulars near terminal on terminal board/in apparatus case/Jn. boxes and fuse nos., relay and equipments nomenclatures as per approved terminal chart and provisions of SEM. All paints (ISI marked) with IS specification No. IS:15489:2004 Asian /Burger/Nerolac or similar make. shall be approved by Railway Engr. and painting materials to be supplied by the contractor.						
74	74	5.00	Kilometre	7943.17	39715.85	AT Par	39715.85
	Description:- Supply of cable/wire indoor copper conductor single/multi core plain annealed high conductivity PVC insulated unarmoured as per Spec. no. IRS-S/76/89(Amd. 3) or latest amendment of the following sizes:- (i) Wire 1*1mm/16*0.2mm. Inspection by Consignee (to be procured From RDSO Approved Source only)						
75	75	1.00	Station	51185.61	51185.61	AT Par	51185.61
	Description:- Preparation of cable route plan, Cable core chart, Power supply arrangement plan for indoor and out door , Cable termination chart in relay room and location boxes, Location wiring plan, Cable insulation chart and register, Track circuit history card, Fuse analysis plan, Equipment disposition plan, Track circuit jumpering plan, Terminal and Contact analysis chart , Outdoor circuits,pull sheets,gomettie plans, diagrams. temp. plans required for execution of PNI/NI and other outdoor diagram and obtaining approval of the Engineer as per following :- (i) Supply of 6 copies of completion set of superior quality paper, laminated, properly bound in steel clip jaw file with cushioned cover. (ii) Software back up of complete set in the form of CDs.(iii) One complete set of tracings. (iv) Design through CAD (v) Drawings in A3 & plans in bigger size. (six sets).						
76	76	1.00	Kilometre	58651.01	58651.01	AT Par	58651.01
	Description:- Supply of wiring materials as per IS Spec. No.2465/1984 with latest Amend. and IS 694/2010 or latest Copper wire, PVC insulated sizes as under.(a) Power wire 1*6 Sq. mm (No. of strand-85 & diameter of strand-0.30mm + - 0.00, insulation thickness 0.80 mm Normal conductor Resistance 3.30 Ohm/Km (RED & BLACK colour 50% each) Material to be procured from RDSO approved firm. Test parameters are as per (IRS)/76/89 (Amdnt.3). Inspection : Consignee						
77	77	1.00	Kilometre	454434.69	454434.69	AT Par	454434.69
	Description:- Supply of Indoor cable 60x1mm indoor copper conductor 60 core plain annealed high conductivity PVC insulated unarmoured as per Spec. no. IRS:S 76-89 (Amd. 3) or latest amendment. (From RDSO Approved Source only). Inspection-Consignee						
78	78	50.00	Metre	535.93	26796.50	AT Par	26796.50
	Description:- Fabrication, supply and fixing of scaffolding/ cable carrier of angle iron of size 35mmx 35mm x 5mm and flat of size 25 mm x 3 mm as per instructions of site Engineer . The separation between two flats shall be 250 mm or less as per site requirements . All material required for scaffolding / cable carrier to be supplied by contractor. All fixing material like bolts nuts, washers, insulators, sand , cement & concrete etc, will be supplied by the contractor. This also includes insulating flat strips, cleaning, priming by red oxide, painting by ISI mark paint and writing of description of relays by ISI mark paints. Inspection-Consignee for supply portion						
	79	75.00	Numbers	1368.94	102670.50	AT Par	102670.50

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79	Description:- Fabrication, supply and fixing of concrete cable marker as per RDSO drg. No. SDO/Cable Laying/020, dt.31.10.11. The marker shall be fixed at various places of cable route as per instruction of Eng. at site.						
80	80	10.00	Numbers	1063.57	10635.70	AT Par	10635.70
	Description:- Supply of Steel stool, 1 ft by 1 ft size, 1.5 ft height, laminated top. Inspection : Consignee						
81	81	1.00	Numbers	14915.39	14915.39	AT Par	14915.39
	Description:- Supply of lateral filing cabinet of size minimum 900 mm x 900 mm (3 ft x 3 ft) to store circuit diagrams, make Godrej/Durian /Methodex /President or of similar reputed make. Inspection : Consignee						
82	82	6.00	Numbers	10295.06	61770.36	AT Par	61770.36
	Description:- Casting, concreting, curing of foundations of size (400mmx300mm) at surface and 1000mm deep and erection of retroreflective SLB/BSLB/SB/ calling on boards/Goods Warning Board/Passenger Warning Board as per Drg. No. NR/S&T/CON/7.4/97 & provisions of SEM. It includes supply of retroreflective SLB/BSLB/SB/ calling on boards/Goods Warning Board/Passenger Warning Board. The SLB/BSLB shall be as per approved Drg. No.SA-2373 or latest. Inspection by : Consignee for supply portion.						

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Standard 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- I, 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)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have successfully completed or substantially completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited. : Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or One similar work each costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Any CLS or RI or EI or IBS/IBH or ABS work involving indoor signalling system. or Any such work involving activities as given in the name of the tendered work. Note 1: Tenderer may be required to submit the schedule of those works, Completion/Performance Certificates of which have been submitted by him/her in support of 30/40/60 % (as the case may be) criteria of similar nature of work.	No	No	Not Allowed

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

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.

**LUCKNOW-NR-DIVISION-S AND T/NORTHERN RLY
TENDER DOCUMENT**

Tender No: 106-Sig-Tender-23-2026-27

Closing Date/Time: 03/07/2026 15:30

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	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. 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. (Click here to download the Format of Self Certification)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	PAN card Copy should be enclosed.	Yes	No	Allowed (Mandatory)
2	Please submit the copy of the registration certificate as applicable, GSTIN certificate should be enclosed.	Yes	No	Allowed (Mandatory)
3	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)
4	Firm has to submit authorization letter for uploading documents on IREPS in case he/she is not an authorized person.	No	No	Allowed (Mandatory)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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.	No	No	Not Allowed
2	Copy of PAN number and GSTIN number should be submitted.	No	No	Not Allowed

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3	No post tender correspondence for submission of additional documents shall be entertained after opening of the Technical & Commercial offers. Even suo-moto post tender letters of the tenders shall be treated as NULL & Void.	No	No	Not Allowed
4	(i)Tenderers will examine various provisions of the Central Goods and Service Tax Act, 2017(CGST)/Integrated Goods and Service Tax Act,2017(IGST)/Union Territory Goods and Service Tax Act,2017(UTGST)/respective states State Goods and Service Tax Act(SGST) also, as notified by Central/States Govt. and as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax Credit(ITC) likely to be availed by them is duly considered while quoting rates. (ii) The successful tenderer who is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to railway immediately after the award of contract, without which no payment shall be released to the contractor. The contractor shall be responsible for deposition of applicable GST to the concerned authority. (iii) In case the successful tenderer is not liable to be registered under CGST/IGST/UTGST/SGST Act, the railway shall deduct the applicable GST from his/their bills under reverse charge mechanism(RCM) and deposit the same to the concerned authority.	No	No	Not Allowed
5	Tenderer should go through Annexure 1 & 2 of Tender Notice (attached in Tender Document)for list of documents required to be uploaded along with the offer.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Annexure-C (Declaration form regarding site etc.)	No	No	Allowed (Mandatory)
2	Annexure-D (Declaration regarding constitution of firm)	No	No	Allowed (Mandatory)
3	Annexure-E (Plant and Machinery)	No	No	Allowed (Mandatory)
4	Annexure-F (Engineers/Personnel)	No	No	Allowed (Mandatory)
5	Annexure-J (Bank Detail/RTGS)	No	No	Allowed (Mandatory)
6	Annexure Q - Mandatory undertaking Regarding Employment/ Partnership of Retired Railway Employees.	No	No	Allowed (Mandatory)
7	Annexure-G (work executed in last three years)	No	No	Allowed (Mandatory)
8	Annexure-I(Contractual Payment received)	No	No	Allowed (Mandatory)
9	Annexure-L (Performa of Completion Certificate)	No	No	Allowed (Mandatory)
10	If tender submitted on behalf of Partnership Firm, relevant Annexures K-3 and K-4 as Declaration to be submitted by the tenderer along with tender document.	No	No	Allowed (Optional)
11	Annexure M (Online) & M(A), as the case may be- Certificate to be submitted by tenderer along with the tender documents.	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Each page of the documents uploaded along with the bid must be signed and stamped before uploading the same on the IREPS website.	No	No	Not Allowed

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2	Declaration :- I hereby declare that while submitting the offer I have read and understood all general instructions, general conditions, tender conditions and have agreed to abide by these instructions. I am confirming that I have downloaded and read/understood the complete tender document and all the documents attached with this tender.	No	No	Not Allowed
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6. Documents attached with tender

S.No.	Document Name	Document Description
1	TD-23-2026-27AdditionalLoopLineCHH.pdf	Tender Doc
2	GCC_April-2022_1.pdf	gcc22
3	GCCACS111.pdf	GCC ACS 11
4	ACSGCC22-231to6.pdf	GGC correction
5	GCCAdvanceCorrectionSlipno7-10.pdf	GCC correction ACS 7 to 10

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: ANURAG SRIVASTAV

Designation : DSTE-I/LKO