

**ADRA DIVISION-S AND T/SOUTH EASTERN RLY  
TENDER DOCUMENT**

**Tender No:** SnT\_e\_Tender\_ADA\_26\_27\_18

**Closing Date/Time:** 10/07/2026 11:00

**DRM/S and T** acting for and on behalf of The President of India invites E-Tenders against Tender No **SnT\_e\_Tender\_ADA\_26\_27\_18** Closing Date/Time 10/07/2026 11:00 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>	S&T work in connection with the Interlocking of LC Gate RC-5 and DK-2 in the section of SSE/Signal/ADA in Adra Division.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	10/07/2026 11:00	<b>Date Time Of Uploading Tender</b>	16/06/2026 16:02
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	13887120.86	<b>Tendering Section</b>	GENERAL
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	277800.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	12 Months
<b>Contract Type</b>	Works - General	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	26/06/2026		
<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-NON SOR</b>							28812.86	Above/ Below/Par
1	1	32.00	Numbers	321.30	10281.60	AT Par	10281.60	
	<b>Description:-</b> Supply, transportation & installation of Power Terminal 100 Amps. Inspection: Representative of Sr.DSTE/Adra.							
2	2	40.00	Metre	65.43	2617.20	AT Par	2617.20	
	<b>Description:-</b> Trenching for searching of faulty cable position which was laid at a depth of 01 Mtr.Excavation of earth to be done 1 Mtr. x 0.3 Mtr. This includes refilling of excavated soil.							
3	3	4.00	Numbers	693.49	2773.96	AT Par	2773.96	
	<b>Description:-</b> For searching of faulty cable joint position/faulty position of cable joint cum testing pit to be excavated at a size of 1 M x1M x 1M & after completing the job refilling to be done.							
4	4	2.00	Numbers	6570.05	13140.10	AT Par	13140.10	
	<b>Description:-</b> Supply & Fixing of 63 Amp DPDT Main Switch including whether proof MS cover. Inspection: Representative of Sr.DSTE/Adra.							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () B-SOR</b>							11884316.00	Above/ Below/Par
1	Please see Item Breakup for details.				614240.00	AT Par	614240.00	
	<b>Description:-</b> Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks, bushes, ballast & reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depths and widths as specified in Technical Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER or any other latest guidelines. Note: In case, trenches are other than prescribed depth & width, Proportionate payment shall be released.							

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2	02003000	120.00	Metre	589.00	70680.00	AT Par	70680.00	
	<b>Description:-</b> Excavation of trenches including clearing of roots of trees etc. in hard/rocky soil by chiselling up to a depth of 0.5 meter to 0.8 meter and width 0.3 meter at the bottom. Supply & placing split RCC pipes with collar (for jointing pipes) of 100 mm nominal diameter to Spec. No. IS: 10262- 2019 or latest and IS-456-2000 as per SEM Drawing No. 15- D3 (Sheet-2) on sieved soil of 30 mm over cable and concreting (1:2:3) throughout the length upto a layer of 75mm approximately, then back filling the trench by digging and carrying earth from a distance of maximum 30 meters and then ramming of soil after cable laying. This also includes supply of collar and all the materials for concreting by the contractor. Inspection: Representative of Sr.DSTE/Adra.							
3	02007000	40.00	Metre	256.00	10240.00	AT Par	10240.00	
	<b>Description:-</b> Cutting and smoothening of inside surface of sizes 80 mm deep and 170 mm width for single/multiple cable chase in concrete or hard rocks or platform or cemented floor. This work includes laying and covering of cable laid in the chase with standard sizes Second class/Fly Ash brick placed and embedded longitudinally and plastered on the top of the bricks and curing 72 hrs. as per Drawing No. Con/SK/T/1 Note: Sundries materials such as Bricks, sand, cement etc., shall be supplied by the contractor at site and to be inspected by Railway Site Engineer before placing in the chase. Note: In case, chase cutting & smoothening are other than prescribed depth & width, Proportionate payment shall be released.							
4	02045000	4.00	Numbers	1423.00	5692.00	AT Par	5692.00	
	<b>Description:-</b> "Cutting the masonry wall to the depth of 0.25m to 0.75m at the entry of room, placing of flexible HDPE pipe as per the instructions of Railway site-in-charge and repairing of masonry wall and cement plastering after the cable is taken inside the flexible HDPE/GI pipe (to be supplied by Railway) of suitable diameter with Clamps. The supply of Clamps, masonry materials etc. are to be supplied by the contractor. Note: Unit in no. denotes as number of entry point which is required during course of cable insertion."							
5	02012000	40.00	Metre	2215.00	88600.00	AT Par	88600.00	
	<b>Description:-</b> Mechanised Drilling/Micro Tunnelling under important/ busy metal/concrete road/Railway track and laying of GI pipe including supply (make: TATA/Jindal or better) of min. 75mm inner diameter Grade Medium with Spec. No. IS- 1239, Pt-1, 2004 including supply, Boring and pulling cable upto 110mm dia. at a depth of min. 1 meter as per site condition. This also includes reinstatement of the surface to the original state. Inspection: Representative of Sr.DSTE/Adra.							
6	02005000	240.00	Metre	691.00	165840.00	AT Par	165840.00	
	<b>Description:-</b> Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks etc. to a depth of 1 metre and width 0.3 mtr. Track/ Pucca road/Platform crossing/ Level crossing as per SEM Drawing No.15-D5 including supply, transportation and laying of DWC pipes (full) with collar(for jointing pipes) Inner diameter/Outer diameter:103mm/120mm to Specification No.14830 (Part-2):2001 as per SEM Drawing No. 15-D4 and drawing of cable through DWC pipes with collar(for jointing pipes) including back filling and ramming after cable laying as specified in Tech. Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER for S&T Cables or any latest guidelines. This includes repairing and plastering of Platform/Pucca road after cable laying. Inspection: Representative of Sr.DSTE/Adra.							
7	02004000	120.00	Metre	1211.00	145320.00	AT Par	145320.00	
	<b>Description:-</b> Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks etc. to a depth of 1 metre and width 0.3 metre. Track/Pucca road/Platform crossing/Level crossing as per SEM Drawing No.15-D5 or latest including supply, transportation and laying of RCC Pipes (full) with collar (for jointing pipes) Inner diameter/Outer diameter: 100mm/150mm to Specification No. IS:10262-2019 or latest and IS-456-2000. RCC structural drawings should be as per SEM Drawing No. 15-D3 (Sheet-2) and drawing of cable through RCC Pipes with collar (for jointing pipes) including back filling and ramming after cable laying as specified in Technical Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER for S&T Cables or any latest guidelines. This includes repairing and plastering of platform/pucca road after cable laying. Inspection: Representative of Sr.DSTE/Adra.							
8	02016000	120.00	Metre	1440.00	172800.00	AT Par	172800.00	
	<b>Description:-</b> Supply, transportation and fixing of Galvanised Iron Pipe (make: TATA/Jindal or better) with threaded collars (for jointing pipe) of 80 mm nominal bore Specification No. IS:1239, Pt-1, 2004 thickness 3.2 mm medium grade and fixing on girder bridges as per Drawing No. CON/SK/T/4 or latest including supply and transportation of channel, angle, iron brackets, Steel Nuts and bolts with hole, split pin of proper size for fixing of trough etc. as per above drawings including drawing of cables inside the pipe with masonry work at bridge entry and exit of the Bridge and curing for 72 hours and pipes are to be clamped at max. 1.5 meter apart for S&T Cables. Inspection: Representative of Sr.DSTE/Adra. Note: This also includes dismantling of released GI Pipe/Trough and released material should be returned at concerned store.							
9	02021000	1000.00	Metre	308.00	308000.00	AT Par	308000.00	

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	<b>Description:-</b> Transportation and laying including supply of Split RCC pipe as per Spec. No. IS: 10262-2019 or latest and IS-456- 2000 & SEM Drawing No.15-D3 having plain ends with their jointing loose split collar half round of size 200 mm (inner diameter)/25mm thickness at site over the single/multiple cable laid in the trench.						
10	02047000	100.00	Numbers	576.00	57600.00	AT Par	57600.00
	<b>Description:-</b> Supply, transportation and fixing of RCC Cable Route Marker as per SEM drawing No. 15-D1 or latest. Inspection: Representative of Sr.DSTE/Adra.						
11	08007000	0.40	Kilometre	128557.00	51422.80	AT Par	51422.80
	<b>Description:-</b> Supply of 10 Pair, 0.63 mm diameter Underground Polythene insulated polythene sheathed jelly filled telephone cable as per Specification No. IRS:TC:41/97 Amd.3.0 or latest. Inspection: Representative of Sr.DSTE/Adra.						
12	02028000	18.40	Drum-Km	2328.00	42835.20	AT Par	42835.20
	<b>Description:-</b> Transportation of cables in rolls with or without wooden drums (S&T Cables) from concerned store to the site of works. Note: The unit Drum-KM indicates Drum X length of cable in that drum. It doesn't have any significance over the distance it has to be carried for execution of the work. For illustration - 1 Drum having 1Km of cable when transported for any distance will be paid this amount.						
13	02034000	18.40	Kilometre	20239.00	372397.60	AT Par	372397.60
	<b>Description:-</b> "Laying of S&T Cables (Signal/Quad/Power) in the excavated trench to Drawing No. CON/SK/T/5 or latest. Supply and transportation of 'U' clamps, anchoring of cable at every 10 metres interval with 'U' clamp on trench to Drawing No. CSTE/CON /CABLES/81 or latest. Supply, transportation, and placing of cable demarcating led belt to Drawing No. CON/SK/T/6 or latest punched at an interval of 30 metres and wrapped round each cable throughout the cable route and also at every track/Road/ platform crossing as above specified in Technical Circular No. 2/1988 & 01/2010 issued by CSTE/SER or as per latest guidelines and guarding the cables. Collecting empty drums with left over cable and to be returned to the stores of stock holder. Note: Cables will be meggered before & after its laying by contractor under supervision of Railway representative & Contractor will submit their reports."						
14	13026000	2.00	Set	66677.00	133354.00	AT Par	133354.00
	<b>Description:-</b> "Supply of Control cum Indication panel Domino Type at Mid-section interlocked LC Gate/IBS/Siding motor operated point operation panel /Non-Interlocking panel of third line section as per RDSO Specification No. RDSO/SPN/186/2004Rev. 2.0 or latest. Size of each Domino will be 54 x 34 mm2. Control Panel includes panel rest, front and side table, complete with switches, push button, termination of cables, painting and lettering as required. This also includes 10% spare of panel LED's, Dominos and button assemblies, counter, keys, buzzer etc. Inspection: Representative of Sr.DSTE/Adra. Note: Size of the panel will depend upon the number of Dominos required as per Front Plate Diagram.						
15	13027000	2.00	Set	6668.00	13336.00	AT Par	13336.00
	<b>Description:-</b> Installation, wiring, testing and commissioning of the Control cum Indication panel type Mid-section interlocked LC Gate/IBS/Siding motor operated point operation panel /Non-Interlocking panel of third line section as per approved interlocking plan, FPD, circuit diagram etc.						
16	05008000	4.00	Numbers	1423.00	5692.00	AT Par	5692.00
	<b>Description:-</b> Supply of 200/160 way Tag block with PVC covers as per Specification No. IRS: S-77/2006 with Rev.1.0 or latest & Drawing No. SA-24751 & 52 or latest. Inspection: Representative of Sr.DSTE/Adra.						
17	05009000	4.00	Numbers	174.00	696.00	AT Par	696.00
	<b>Description:-</b> Fixing, wiring & soldering of 200/160 way tag blocks as per IRS:S-77/2006 (Rev.1) or latest on SM panel Domino/cable termination rack/relay rack/block rack etc. as per instruction of site engineer.						
18	06003000	2.00	Set	185746.00	371492.00	AT Par	371492.00
	<b>Description:-</b> "Supply of Remote terminal unit (RTU) with 128 Digital & 16 Analog inputs with E1/64 Kbps Voice Channel/Optical modem as per Specification No. IRS:S-99/2006 (Amdt-3) or latest. Magnetic door lock coil to be supplied along with equipment. Inspection: RDSO. Note: i) The contractor is required to confirm the required modem to meet the site requirement before placing an order to any RDSO approved OEM from Engineer in charge. ii) The inspection of E1/Optical Modem shall be done by consignee."						
19	06004000	2.00	Set	18574.00	37148.00	AT Par	37148.00
	<b>Description:-</b> Installation, Wiring, Testing, Validation and commissioning of Remote terminal unit with 128 Digital & 16 Analog inputs with modem as per Specification No. IRS:S-99/2006 (Amdt-3) or latest.						
20	09031000	4.00	Numbers	6523.00	26092.00	AT Par	26092.00
	<b>Description:-</b> Supply of Electric key transmitter (EKT)/Rotary key transmitter (RKT) as per Specification No. IRS:S-21/2001 Rev 1.0 or latest & Drawing No.SA-22601 or latest with the keys and wards nos. will be per instructions given by site Engineer in charge. Inspection: RDSO.						
	09032000	4.00	Numbers	1553.00	6212.00	AT Par	6212.00

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21	<b>Description:-</b> Transportation, installation and wiring of Rotary key transmitters/KLCR on Hylam sheet board including wiring & fixing of push button bell switch on Hylam sheet of 12mm including termination, painting & lettering. The sundry materials such as Hylam sheet, push bell switch etc. to be supplied by contractor.						
	09033000	4.00	Numbers	2301.00	9204.00	AT Par	9204.00
22	<b>Description:-</b> Supply and Installation of Glass fronted Key box made of water resistant Engineered wood for Rotary key transmitter (RKT)/EKT/KLCR/SM's key box of appropriate size etc. with locking arrangement and 1 no. of Godrej make padlock. it should be done as per site supervisor instructions. After installation it should be painted and letter writing as per SER practice. Inspection: Representative of Sr.DSTE/Adra.						
	03001000	12.00	Numbers	17430.00	209160.00	AT Par	209160.00
23	<b>Description:-</b> Supply of Steel Apparatus case Full height as per Drawing No. SK/Drg./OL/SER /198 or latest with E type lock . E- type lock & their key ward No. will be decided by site engineer as per Specification No. IRS: S-10/78 with Rev. 8 or latest. Supply of Hylam sheets is not covered under this scope. This includes supply of one key & handle for each four Apparatus Case or minimum one. Inspection: Representative of Sr.DSTE/Adra.						
	03002000	12.00	Numbers	9147.00	109764.00	AT Par	109764.00
24	<b>Description:-</b> "Execution of Full Apparatus Case with earth excavation for pit, concrete foundation, surrounding earth work, erection and installation as per Drawing No. Con/SK/T/8 or latest and wiring to be done as per SEM Drawing No.19-D8 or as per direction of site engineer. Supply and fixing of Hylam sheet strip of appropriate size of 3 mm or 6 mm as required with hole for fixing of terminals, fuse blocks, relay and other accessories for signal/track circuit, termination of cable with number embossed ferrules, bunching of cables with PVC tape, proper soldering of cable armour with earth catenary wire, earthing of cable armour as required. Writing & terminal description including Painting of the apparatus case inside and outside after clearing the surface thoroughly and first coating of anticorrosive paint and subsequent two coats of Aluminium paint outside and red oxide inside and lettering etc. This also includes transportation of 25 mm/12mm Hylam sheet for shelf or as required and also includes minor modification in L/Boxes as per site requirement. The contractor shall supply 4 no. of foundation nuts & bolts of size 22 mm dia. x 450 mm long with 2 flat spring washers, with each nut & bolts, sand for filling up cable pit inside the apparatus case including plaster and bolts, nuts, screws, MS Clamps for fixing equipment/cable. Note: - Part payment shall be released after completion of- (i) Foundation- 40%, (ii) Erection - 10%, (iii) Wiring, earthing, testing - 20%, (iv) Painting, writings - 10%, (v) Plastering, sand filling & etc. - 10%, (vi) Commissioning - 10%."						
	03011000	12.00	Numbers	1198.00	14376.00	AT Par	14376.00
25	<b>Description:-</b> Supply of 25 mm thick Hylam Sheet of size 955mm x 400mm per specification no. IS 2036 of 1995 or latest. Note:- In case the requirements are different from the above, proportionate payment will be done. Inspection: Representative of Sr.DSTE/Adra.						
	14004000	40.00	Set	2712.00	108480.00	AT Par	108480.00
26	<b>Description:-</b> Supply of Earth Electrode as per Drawing No. 19-D6 of SEM-2021 or latest. GI pipe confirming to IS:1239 or latest of 3.17 mm thickness, minimum 2.5 m long, 50.8 mm diameter, 4.76 mm diameter drilled holes staggered at distance of 152.4 mm. Inspection: Representative of Sr.DSTE/Adra.						
	14005000	40.00	Numbers	1791.00	71640.00	AT Par	71640.00
27	<b>Description:-</b> Excavation of earth pit, placing & fixing of Earth electrode with construction of cement enclosure to SEM Drawing No. 19-D6 and drawl of 6 SWG GI/Copper cable from earth electrode to goomtys/relay room/cabin/station, etc. and drawl of MS flat 35mm x 6mm for signal post/Location box shall be used as the case may be, including fixing at both ends of the wire/MS flat. This includes transportation of materials. Note: Materials such as charcoals, salt, sal ammoniac, 6 SWG GI wire, copper lugs with Steel bolts & nuts etc. shall be supplied by the contractor. MS flat 35mm x 6mm/Copper cable shall be supplied by Railway.						
	14006000	240.00	Metre	166.00	39840.00	AT Par	39840.00
28	<b>Description:-</b> Supply of 35 mm x 6 mm thick MS Flat Plate Strip as per IS: 226-1975 or latest for earth connection to Signal post, L/Box etc. Inspection: Representative of Sr.DSTE/Adra.						
	14007000	8.00	Set	17719.00	141752.00	AT Par	141752.00
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	<b>Description:-</b> "Supply of basic material to construct unit Maintenance Free Earth for Single Earth consisting as per Spec. No. RDSO/SPN/197/2016 Ver 1.0 or latest, bonding connections drawing no. SDO/ RDSO/E&B/002 or latest are as under, (a) Copper bonded steel electrodes of 3.0 m long, 17.0 mm diameter with copper bonding thickness of min 250 micron and UL listed and marked -1 No. (b) Earth Enhancement compound supplied in sealed bags of min 30-35 Kg.- 1 No. (c ) Copper Strip of 200mm x 25mm x 6mm to exothermically welded to Earth electrode- 1 No.(d) Copper Strip of 300mm x 25mm x 6mm (MEEB) - 1 No.(e) Copper Strip of 150mm x 25mm x 6mm (SEEB)- 1 No. It also includes supply of (i) 35 Sq. mm Multi-strand Single Core PVC insulated Copper Connector as per IS:694 for connecting Main Earth Electrode to MEEB in the equipment room in duplicate.-10 meter (ii) 16 Sq. mm Multi-strand Single Core PVC insulated Copper Connector as per IS:694 for connecting MEEB to SEEB and SPDs to MEEB.-10 meter (iii) 10 Sq. mm Multi-strand Single Core PVC insulated Copper Connector as per IS:694 for connecting various equipment to SEEB- 10 meter. Inspection: RDSO.						
	14009000	2.00	Set	12612.00	25224.00	AT Par	25224.00
30	<b>Description:-</b> "Supply of basic material to construct Maintenance Free Earth for Ring Earth consisting as per Specification No. RDSO/SPN/197/2016 Ver 1.0 or latest, bonding connections drawing no. SDO/RDSO/E&B/002 or latest. (a) Copper bonded steel electrodes of 3.0 m long, 17.0 mm dia. minimum with copper bonding thickness of min 250 micron and UL listed and marked -1 No. (b) Earth Enhancement compound supplied in sealed bags of min 30-35 Kg.- 1 Nos. (c) Copper Strip of 200mm x 25mm x 6mm to exothermically welded to Earth electrode- 1 No. (d) Copper Strip of 300mm x 25mm x 6mm (MEEB) - 1 No. (e) Copper Strip of 150mm x 25mm x 6mm (SEEB)- 1 No. Inspection: RDSO.						
	14008000	10.00	Set	6098.00	60980.00	AT Par	60980.00
31	<b>Description:-</b> Installation of Single Maintenance Free Earth pit as per RDSO Drawing No. SDO / RDSO/ E&B/001 which includes the following, a) Digging/Auguring/Boring of single earth pit of 100mm to 125mm dia. to the depth of approx. 3 meter. b) Insertion of 3.0 meter electrode and penetrating it minimum 150 mm by pushing gently with sledge hammer where the natural soil is assumed. (c) Filling of earth pit with Earth Enhancement Compound (EEC) in slurry form and backfilling. (d) Carrying out exothermic weld connection on single earth electrode to a copper tape of 200 x 25 x 6 mm. (e) Carrying out exothermic weld connection on the copper tape of 200 x 25 x 6 mm on Earth Electrode for connecting two 35 Sq. mm cables for redundancy. (f) The exothermic welding material for bonding the earth system shall be procured from RDSO approved firms, which includes graphite modules, clamps, weld metal powders etc. (g) The dimension of the chamber will be of 300 x 300 x 300 mm (inside dimension) of RCC with 50mm thick and fine finish, Inspection chamber should be as per IEC 62561-5 or latest. The top RCC cover size shall be 400 mm X 400 mm X 50mm. The date of testing and earth resistance value shall be written on the cover with black base with yellow paint or as per instruction of site engineer.						
	08030000	200.00	Metre	109.00	21800.00	AT Par	21800.00
32	<b>Description:-</b> Supply of PVC insulated 10 Sq. mm Single core Multi strands copper conductor as per Specification No. IRS:S-76/89 or latest conforming to IS: 694/2010 or latest. Wire Colours shall be decided by engineer-in- Charge. Inspection: Representative of Sr.DSTE/Adra.						
	14014000	200.00	Metre	58.00	11600.00	AT Par	11600.00
33	<b>Description:-</b> Routing and connecting of all the equipment in the equipment/relay room to SEEB with 10 sq. mm copper cable using copper lugs with stainless steel nut and bolts and fixtures. The work includes laying and routing the copper cable in PVC / conduits and fixing them on wall. The PVC/conduit pipe to be supplied by Railway.						
	08031000	400.00	Metre	149.00	59600.00	AT Par	59600.00
34	<b>Description:-</b> Supply of PVC insulated 16 Sq. mm Single core Multi- strands copper conductor as per Specification No. IRS:S-76/89 or latest conforming to IS: 694/2010 or latest. Wire Colours shall be decided by engineer-in- Charge. Inspection: Representative of Sr.DSTE/Adra.						
	14015000	200.00	Metre	58.00	11600.00	AT Par	11600.00
35	<b>Description:-</b> Routing and connecting of all the SPDs in the equipment room/SEEB to MEEB with 16 sq. mm copper cable using copper lugs with stainless steel nut and bolts. The work includes laying and routing the copper cable in PVC / conduits and fixing them on wall. The PVC/conduit pipe to be supplied by Railway.						
	08033000	200.00	Metre	254.00	50800.00	AT Par	50800.00
36	<b>Description:-</b> Supply of PVC insulated 35 Sq. mm Single core Multi- strands copper conductor as per Specification No. IRS:S-76/89 or latest conforming to IS: 694/2010 or latest. Wire Colours shall be decided by engineer-in- Charge. Inspection: Representative of Sr.DSTE/Adra.						
	14016000	400.00	Metre	90.00	36000.00	AT Par	36000.00
37	<b>Description:-</b> Digging a trench to a depth of at least 0.5 meter and run the two 35 sq. mm earth conductor in protective PVC conduit pipe, procured against supply item, from Earth pit to MEEB. Routing and exothermic termination of two 35 sq. mm cable on earth conductors as well as on 300 mm X 25 mm X 6mm MEEB, which is to be fixed inside the equipment room with two 60mm insulation studs. The 60mm insulation studs have also to be supplied.						
	14030000	2.00	Set	50536.00	101072.00	AT Par	101072.00
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		<b>Description:-</b> Supply of Earth Leakage Detector (ELD) - 4 channels as per Specification No. RDSO/SPN/ 256/2002 or latest. Inspection: RDSO.					
39	14031000	2.00	Set	5054.00	10108.00	AT Par	10108.00
	<b>Description:-</b> Fabrication of stand/rack, installation, testing & commissioning of Earth Leakage Detector (ELD) - 4 channels as per Specification No. RDSO/SPN/ 256/2002 or latest.						
40	18042000	2.00	Numbers	3599.00	7198.00	AT Par	7198.00
	<b>Description:-</b> Supply of 20 Pair CT box made of 16 SWG CRC sheet with disconnection and reconnection (wago type). The CT Box should be grey colour powder coated with terminal, washer, nut & bolt should be of brass. There shall also be locking arrangement. Inspection: Representative of Sr.DSTE/Adra.						
41	18043002	2.00	Numbers	916.00	1832.00	AT Par	1832.00
	<b>Description:-</b> "Transportation and fixing of following types of C.T. Box (Aluminium/Wago type) and termination of cable as per details of jointing schedule approved by the Railway Engineers. 20 pair C.T. Box/Krone type DP Box"						
42	05001000	2.00	Numbers	20469.00	40938.00	AT Par	40938.00
	<b>Description:-</b> Supply of Composite/Q series Relay Rack as per Drawing No. SK/DRG/OL/SER/192, Sheet 1 and 2 or latest and must be powder coated of stone grey colour. Inspection: Representative of Sr.DSTE/Adra.						
43	05002000	2.00	Numbers	47638.00	95276.00	AT Par	95276.00
	<b>Description:-</b> Transportation, Grouting/Erection, wiring as per approved wiring diagram on 19" Relay rack/Composite/Q-Series Relay Rack with subsequent alteration. This includes supply of 3/4 X 9" anchor nuts & bolts, washer, D-bracket & 60mm insulator, supply & fixing of M.S. ladder as per requirement for rack to rack connection, on CTR and control panel, fixing of plug boards, relays, terminal blocks, terminals, filter units, tag blocks, fuses, bus bars, shelves, strips, 6mm Hylam sheet of required length for writing terminal description etc., fixing and termination of cables on the relay racks with number embossed ferrules, bunching of cables with PVC tape, earthing of cable armour including painting and lettering. Wiring and testing of complete relay rack accommodating all relays as per wiring diagram. Cement, stone chips & sand as required for mounting to be provided by contractor. All materials such as eyelets, Hylam sheets, ferrules, trough etc., if required for modification of rack shall be supplied by the contractor and to be carried out at site with no extra cost to the Railway.						
44	05003000	2.00	Numbers	15000.00	30000.00	AT Par	30000.00
	<b>Description:-</b> Supply of MS Cable termination Racks (CTR) as per Drawing No. SK/DRG/OL/SER/197 or latest and must be powder coated of stone grey colour. Inspection: Representative of Sr.DSTE/Adra.						
45	05004000	2.00	Numbers	51944.00	103888.00	AT Par	103888.00
	<b>Description:-</b> "Transportation, grouting/erection, fixing and installation of Cable Termination rack (CTR), fixing of MS Wiring ladder from relay rack to CTR, and on to top of the CTR- including supply of 3/6mm Hylam sheet of required size for fixing terminal blocks & writing terminal description, termination of cables, bunching of cables by PVC tape and earthing of cable armours, painting, lettering as required. The contractor shall draft terminal analysis chart on the white bond paper of appropriate size & supply wiring materials like eyelets of sizes, trough, condensers and resistances as per required capacity, HV protection cover with fixing top caps and danger symbol, soldering material of approved quality etc. shall be supplied by the contractor. Cement, stone chips and sand as required for mounting CTR, Sand for filling of cable pit and other required masonry work, Sundry materials such as MS plate/angles, MS wiring ladders as per approved Drawing, , Anchor bolt 5/8" X 9" with nut and washers -4 No., Nickel plated screws 2BA X1" with nuts and washers for fixing Hylam sheet, numbers embossed ferrules 2.5 sq. mm, PVC bunching tapes and buttons, paint synthetic enamel of smoke grey colour for painting, MS clamps with bolts and nuts of sizes, D-bracket and 60mm insulator, for fixing cables, screws of sizes as required shall be supplied by the contractor. Cables should be routed properly through ladder."						
46	13039000	800.00	Square Foot	61.00	48800.00	AT Par	48800.00
	<b>Description:-</b> Supply of Yellow Highlighter Reflective Tape of grade retro reflective tape conform to IS 14221 or latest, BIS marked, Grade 2, Pressure type bonding for (Grade 1) R1-P. Inspection: Representative of Sr.DSTE/Adra.						
47	13040000	800.00	Square Foot	116.00	92800.00	AT Par	92800.00
	<b>Description:-</b> Supply of Red Highlighter Reflective Tape of grade retro reflective tape conform to IS 14221 or latest, BIS marked, Grade 2, Pressure type bonding for (Grade 1) R1-P. Inspection: Representative of Sr.DSTE/Adra.						
48	13041000	800.00	Square Foot	97.00	77600.00	AT Par	77600.00
	<b>Description:-</b> Supply of Black Highlighter Reflective Tape of grade retro reflective tape conform to IS 14221 or latest, BIS marked, Grade 2, Pressure type bonding for (Grade 1) R1-P. Inspection: Representative of Sr.DSTE/Adra.						

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49	09026000	4.00	Numbers	1932.00	7728.00	AT Par	7728.00	
	<b>Description:-</b> Supply of a fail-safe electronic flasher device operated over 24V DC as per Specification No. RDSO/SPN/173/2002 with Amd-2 or latest. Inspection: RDSO.							
50	09024000	12.00	Numbers	1691.00	20292.00	AT Par	20292.00	
	<b>Description:-</b> Supply of '120 Second Fail Safe Electronic Time Delay Q series Relay, plug in type, working over 24V DC, complete with plug board, retaining clip and connectors conforming to Specification No. IRS:S-61/2000 Amd.3 or latest. The interlocking code for this unit shall be "AFGKY". Inspection: RDSO.							
51	04001000	12.00	Numbers	16711.00	200532.00	AT Par	200532.00	
	<b>Description:-</b> Supply of metallic Colour Light Signal, Multi Unit type Two Aspect complete but without lamp holder, lenses & transformers as per IRS:S-26/64 or latest and RDSO Drawing No. SA23003 A/M (Adv.) or latest. Mounting socket including its material shall be as per RDSO Drawing No. S 23005/M or latest for mounting on 140 mm outside diameter post. Inspection: Representative of Sr.DSTE/Adra.							
52	04003000	12.00	Numbers	10788.00	129456.00	AT Par	129456.00	
	<b>Description:-</b> Transportation and installation of 2-Aspect Signal Post for MACLS as per drawing no. Con/SK/T/12 or SEM- Drawing No. 19-D3 or RDSO/M-00011RU dated 12.01.18 or latest complete with signal units, base, ladder and other fittings, excavation of earth pit, casting concrete foundation, erection of posts, thereof as specified in the note given in drawing, fixing of complete fittings of the signals with necessary earth screen protection arrangement as required including termination of cables, painting and lettering as required. Foundation nuts & bolts of appropriate size as per above drawings or latest as per RDSO Drawing No. SA-116 A/M confirming to IS: 226 and IRS:S-10/78 Rev.8. or latest to be supplied.							
53	04009000	12.00	Numbers	6380.00	76560.00	AT Par	76560.00	
	<b>Description:-</b> Supply of 140 mm diameter Cast Iron (Grade-20) Signal base as per Drawing No. S-2011/M and as per Specification No. IRS:S-10/78 & IS:210 or latest. Inspection: Representative of Sr.DSTE/Adra.							
54	04012000	12.00	Numbers	14011.00	168132.00	AT Par	168132.00	
	<b>Description:-</b> Supply of 5.5 meter Tubular (Seamless) Post for Colour Light Signal Specification No. IRS:S-6/81 or latest to suit 140mm dia. base. Inspection: Representative of Sr.DSTE/Adra.							
55	04015000	12.00	Numbers	12259.00	147108.00	AT Par	147108.00	
	<b>Description:-</b> Supply of 5.5 meter Ladder for Colour Light Signal as per RDSO Drawing No. SA-23156 (Adv.) or latest and Stage with Ladder foundation as per Drawing No. S-2033/M (IRS) or latest & as per Specification No. IRS:S-10/78 & IS:210 or latest. Inspection: Representative of Sr.DSTE/Adra.							
56	04036000	4.00	Numbers	3422.00	13688.00	AT Par	13688.00	
	<b>Description:-</b> Supply of metallic Offset bracket for Colour Light Main Signal Unit to fix on post of 140 mm outside diameter as per RDSO Drawing No. SA- 23080 (Adv.) Alt-1 or latest and Specification No. IRS-S-10/78 or latest. Inspection: Representative of Sr.DSTE/Adra.							
57	04047000	32.00	Numbers	1099.00	35168.00	AT Par	35168.00	
	<b>Description:-</b> Transportation, Installation, Wiring, Testing & Commissioning of LED Signals Lamps for Main signals Lighting Unit (i.e. Red/Yellow/Green) as per instruction of railway Engineer at the site. Note: LED particulars such as aspect, make, type, Sr. No. etc. to be recorded in proper in proper register.							
58	04040000	12.00	Numbers	244.00	2928.00	AT Par	2928.00	
	<b>Description:-</b> Supply of Signal Number plate pressure sensitive Retro reflective type high intensity grade white with imprinted 'Alphanumeric' in Black & White of size as per SEM Drg.19-D10 (Sheet 6 to 7) or latest with film thickness 0.3 mm on ACP sheet with Clamp for Main/Shunt Signal made of MS Flat of size 30mm x 3mm with nut & bolt as per SEM Drg. No. 19-D10(Sheet 9-10) or latest. Inspection: Representative of Sr.DSTE/Adra.							
59	04041000	12.00	Numbers	203.00	2436.00	AT Par	2436.00	
	<b>Description:-</b> Supply of Arrow Marker Retro reflective type high intensity grade white with imprinted Arrow Marker in white on red background of size as per SEM Drg.19-D10 (Sheet 8) or latest with film thickness 0.3mm on ACP sheet with Clamp for Main/Shunt Signal made of MS Flat of size 30mm x 3mm with nut & bolt as per SEM Drg. No. 19-D10 (Sheet 9-10) or latest. Inspection: Representative of Sr.DSTE/Adra.							
60	04042000	12.00	Numbers	194.00	2328.00	AT Par	2328.00	
	<b>Description:-</b> Supply of Signal Marker Retro reflective type high intensity grade white/yellow with imprinted 'A'/G'/C'/AG'/IB'/P' in black of size as per SEM Drg.19- D10(Sheet 1 to 5) or latest with film thickness 0.3mm on ACP sheet with Clamp for Main/Shunt Signal made of MS Flat of size 30mm x 3mm with nut & bolt as per SEM Drg. No. 19-D10(Sheet 9-10) or latest. Inspection: Representative of Sr.DSTE/Adra.							
61	04043000	36.00	Numbers	196.00	7056.00	AT Par	7056.00	
	<b>Description:-</b> Fixing of 'P'/G'/C'/A'/AG'/IB'/Marker/Arrow marker/ Signal Number plates with complete fittings as per site requirement.							

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62	08027000	12.00	Kilometre	7832.00	93984.00	AT Par	93984.00	
	<b>Description:-</b> "Supply of PVC Insulated Single core Multistrand, unsheathed with plain annealed/tinned copper conductor 16/0.2 mm diameter as per Specification No. IRS:S-76/89 or latest. Wire Colours shall be decided by engineer-in-Charge. Note: The requirement of plain/tinned copper to be decided by the Engineer in charge. Inspection: Representative of Sr.DSTE/Adra.							
63	08028000	0.80	Kilometre	21278.00	17022.40	AT Par	17022.40	
	<b>Description:-</b> "Supply of PVC Insulated single core cable multistrand, unsheathed with plain annealed/tinned copper conductor 3/0.75 mm diameter as per Specification No. IRS:S-76/89 or latest. Wire Colours shall be decided by engineer-in-Charge. Note: The requirement of plain/tinned copper to be decided by the Engineer in charge. Inspection: Representative of Sr.DSTE/Adra."							
64	08026000	1000.00	Metre	90.00	90000.00	AT Par	90000.00	
	<b>Description:-</b> Supply of PVC insulated Single core Multi-strands Copper conductor of size 1 x 6 Sq.mm as per IS:694/2010 or latest conforming to Specification No. IRS:S-76/89 or latest. Wire Colours shall be decided by engineer-in-Charge. Inspection: Representative of Sr.DSTE/Adra.							
65	08018000	0.50	Kilometre	343262.00	171631.00	AT Par	171631.00	
	<b>Description:-</b> Supply of PVC Insulated Multicore copper conductor Indoor Cable of size 40 Core x 1.0mm diameter as per Specification No. IRS:S-76/89 or latest. Inspection: Representative of Sr.DSTE/Adra.							
66	03019000	500.00	Numbers	322.00	161000.00	AT Par	161000.00	
	<b>Description:-</b> Supply of 25 mm 6 Way PBT Terminal block as per Specification No. IRS:S-75/2006 Rev. 2.0 or latest as per IRS Drg. No. SA-23756 Alt-3 or its latest amendments. Inspection: RDSO.							
67	03021000	80.00	Numbers	109.00	8720.00	AT Par	8720.00	
	<b>Description:-</b> Supply of PBT fuse base block as per Specification No. IRS:S-75/2006 Rev. 2.0 or latest as per IRS drawing No. . SA: 23748 with alt 4 or its latest amendments. Inspection: RDSO.							
68	03020002	80.00	Numbers	55.00	4400.00	AT Par	4400.00	
	<b>Description:-</b> "Supply of Non-Deteriorating type low voltage electric fuse for Railway signalling, fuse with cylindrical cap without indication, cylindrical fuse as per Specification No. IRS:S-78/2006 or latest. ND Fuse Cylindrical Type 4/6 Amp. Inspection: RDSO.							
69	05017000	3.00	Metre	975.00	2925.00	AT Par	2925.00	
	<b>Description:-</b> Supply of Negative Bus Bar of size 20 mm X 5 mm made of copper bar with brass screw & washer minimum length of one piece is to be 0.3 m. The bar and screw should be nickel plated. Inspection: Representative of Sr.DSTE/Adra.							
70	04057000	12.00	Numbers	164.00	1968.00	AT Par	1968.00	
	<b>Description:-</b> Supply of Pipe lock with key ring size inside dia. 40.5mm, outside dia. 60mm. Thickness 20mm, lock length 65mm. Inspection: Representative of Sr.DSTE/Adra.							
71	18064000	2.00	Numbers	2918.00	5836.00	AT Par	5836.00	
	<b>Description:-</b> Supply of Desk type Electronic Magneto Telephone (DTMF) as per Specification No. IRS: TC/79/2000 with amd 4.0 or latest. Inspection: Representative of Sr.DSTE/Adra.							
72	03010000	2.00	Numbers	2244.00	4488.00	AT Par	4488.00	
	<b>Description:-</b> Supply of 12 mm thick Hylam Sheet of size 4 foot x 4 foot as per specification Nos. IS 2036 of 1995 or latest. Note:- In case the requirements are different from the above, proportionate payment will be done. Inspection: Representative of Sr.DSTE/Adra.							
73	01038000	2.00	IBH/LC Gate/Auto Hut	12533.00	25066.00	AT Par	25066.00	
	<b>Description:-</b> Design of circuits and plans to suit layout as per Signalling Interlocking Plan of IBS/ABS/LC GATE. This will include supply of Control cum Indication panel diagram, wiring diagrams (Indoor and outdoor), Relay rack/Relay arrangements, Bus bar details, Fuse analysis, contact analysis, Relay room tag block analysis, panel tag block analysis, Power panel diagram, IPS wiring diagram, Auto change over diagram, Power equipment arrangement Axle counter wiring diagram and all other relevant drawings. Submission of Two sets of prints with all correction for Railway's approval. Approved copy (06 Sets) of all drawings in plastic folders along with the original tracings in spiral bound with editable AutoCAD file latest version.							
74	13001000	2.00	Set	273937.00	547874.00	AT Par	547874.00	
	<b>Description:-</b> Supply of Electrically operated lifting barrier (ELB) 24V/110V DC with hand generator having boom length of 9.76 meter/32 feet confirming to IS:277 or latest with Base metal as IS: 513 grade CR3 or latest. The boom shall be painted alternately with 300 mm bands of black and yellow colour and additionally provided with luminous stripes (reflective tape) as per RDSO Drg. No. RDSO/S 11600 or latest, complete set as per Specification No. RDSO/SPN/ 208/2012 Ver. 2 Amd.1.0 or latest. List of spares & tool kit items mentioned in Para 10 of RDSO Specification shall also be supplied. Inspection: RDSO.							
	13003000	2.00	Set	53846.00	107692.00	AT Par	107692.00	



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75	<b>Description:-</b> "Transportation, installation, testing and commissioning of Electric lifting barrier (ELB) which includes excavation of pit, casting of foundations, fixing of pedestals, Boom rest etc., installation and wiring of control panel, booms for level crossing gate complete in all respect including provision of boom locking arrangements with fixing of boom light box, stop board boom rest and equipment of operation of gate from control panel, painting, lettering with following accessories:- (i) 2 (two) nos. lifting barriers with all accessories. (ii)1 (one) Control panel (iii) Positive boom locking arrangements for above. (iv) Emergency crank handle attachment (v) Timer unit to adjust the time for operating the barrier (vi) Fixing of Hooters/Flashers on either side of gate barrier.						
76	13042000	20.00	Numbers	5981.00	119620.00	AT Par	119620.00
	<b>Description:-</b> Supply of 'A/B' type foundation as per RDSO Drg. No. IRS-3529/M Alt-1 or latest and Specification No. IRS-S- 10/78 Rev 8 or latest. Inspection: Representative of Sr.DSTE/Adra.						
77	13004000	2.00	Set	123728.00	247456.00	AT Par	247456.00
	<b>Description:-</b> Supply of Sliding Boom Gate as per drawing no. E. Rly Signal workshop/HWHs Drg No. SW/SA/29/768 or latest. This includes supply of 8 Nos. Key lock 'E' type with key as per Specification No. IRS:S-30/64 or latest conforming to Drg No. 3376/M with latest amendment. Ward number to be decided by Railway Engineer & to be fixed on MS plate as mentioned in the drawing and it includes supply of all the nut and bolt with washer, Anchor Bolt and Pad lock 6 (Six) lever (make - Godrej or better) with three keys etc, to make the system complete functional. Inspection: Representative of Sr.DSTE/Adra.						
78	13005000	2.00	Set	49416.00	98832.00	AT Par	98832.00
	<b>Description:-</b> Transportation, installation, testing and commissioning of Emergency Sliding Boom at LC gates which includes casting of total 10 nos. concrete foundation including surrounding earthwork, fixing of lock post, clamps, welding of channel, cutting of rail post if required as per site condition. Note: All materials to be supplied by the contractor except Sliding Boom gates & key lock 'E' type.						
79	19007000	30.00	cum	4145.00	124350.00	AT Par	124350.00
	<b>Description:-</b> Cement Concrete of proportion 1:2:4 (Cement: Sand: Stone chips of 20mm nominal size) for miscellaneous works. It includes excavation, ramming of CC by using vibrator, curing and plastering with cement and sand mixture (aggregate will not exceed beyond 3.8 cm). Note: All materials required for foundation are to be supplied by the contractor.						
80	13012000	4.00	Numbers	1868.00	7472.00	AT Par	7472.00
	<b>Description:-</b> "Supply of 25 watt horn, dual tone warning bell hooter for L.C gate and working on 110 VAC/24V DC. The contractor should get confirmation from Railway before placing an indent to manufacturer/supplier. Inspection: Representative of Sr.DSTE/Adra.						
81	13036000	2.00	Numbers	51788.00	103576.00	AT Par	103576.00
	<b>Description:-</b> Supply of Master Telephone Unit with voice logging facility for LC Gate Telephone System as per Specification No. RDSO /SPN/TC/51/2011 Rev 1.0 or latest. Inspection: Representative of Sr.DSTE/Adra.						
82	13037000	2.00	Numbers	5734.00	11468.00	AT Par	11468.00
	<b>Description:-</b> Supply of Slave Telephones unit for LC Gate Telephone System as per Specification No. RDSO /SPN/TC/51/2011 Rev 1.0 or latest. Inspection: Representative of Sr.DSTE/Adra.						
83	13038000	2.00	Numbers	7139.00	14278.00	AT Par	14278.00
	<b>Description:-</b> Supply of Power Supply System having both 12V & 24 V DC Output including battery charger with minimum 7AH, 24V DC MF Battery. 12V DC supply shall be connected to the Station Telephone Unit & 24V DC shall be fed to Line Circuit for LC gate telephone system as per Specification No. RDSO/SPN/TC-51/2011, Rev 1.0 or latest. Inspection: Representative of Sr.DSTE/Adra.						
84	13044000	2.00	Set	3113.00	6226.00	AT Par	6226.00
	<b>Description:-</b> Dismantling of existing interlocked LC gate and other associated S&T gears. All the released material will be transported to the concerned SSE/Store or KGP workshop as instructed by site engineer.						
85	04053000	4.00	Numbers	8535.00	34140.00	AT Par	34140.00
	<b>Description:-</b> "Supply, transportation, installation and painting of SLB/BSLB/Legend/Stop Board etc. as per SEM Drawing No. 19-D4 or latest. This includes i) Excavation of earth pit of depth 900 mm, width 600 mm, ii) casting in the ratio of cement concrete mixture shall be 1:3:6, iii) foundation, (iv) Erection etc. Note: The sighting board supplied by the contractor to be as per SEM Drawing No. 12-D1 or specified by Railway. Inspection: Representative of Sr.DSTE/Adra."						
86	04054000	4.00	Numbers	5101.00	20404.00	AT Par	20404.00
	<b>Description:-</b> "Transportation, installation and painting of SLB/BSLB/Legend Board/Stop board etc. as per SEM Drawing No. 19-D4. This includes i) Excavation of pit of depth 900 mm, width 600 mm, ii) excavation& shifting of old boards to new position. Note: The contractor shall supply all the materials required for the work except Boards which are to be supplied by the railway and lighting arrangement to the SLB/BSLB."						
	18022000	2.00	Numbers	3404.00	6808.00	AT Par	6808.00

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87	<b>Description:-</b> Supply of Thermo-shrink jointing (TSF) kits for jointing underground Quad cable of size 0.9mm/1.4mm diameter conductor for straight/condenser/Y- (Derivation)/Loading Coil/Transformer Joints as per Specification No. IRS-TC-77/2012 Rev.3 with Amd. 3.0 or latest. Inspection: RDSO.						
	18025000	2.00	Metre	1805.00	3610.00	AT Par	3610.00
88	<b>Description:-</b> Execution of Derivation/Transformer joint on Quad cable/ jelly filled Telecom cable using Thermo- shrink/Universal jointing kit (RTSF). This includes excavation of cable joint pit of size min 1.5 m X 1.5 m X 1.2 m for jointing of cables, back filling and ramming after jointing. After jointing, the cable through test such as insulation test, continuity test etc to be carried out jointly with Railway Engineer. If any defect or any damage is observed during jointing the contractor has to redo the joint free of cost. Note: In case jointing is required to be done in the Location boxes, then 80% payment will be released.						
	18067000	20.00	Numbers	1077.00	21540.00	AT Par	21540.00
89	<b>Description:-</b> Supply of VF Transformer (1120:470/1120:1120/470:470/ 470:600/1200:600 Ohm) as per Specification No. IRS-TC-76/2021 Ver 1.0 or latest (Cylindrical type) or IRS/TC/22/ 2021 Ver 1.1 or latest (Rectangular type). Inspection: Representative of Sr.DSTE/Adra.						
	19001000	2.00	Numbers	14736.00	29472.00	AT Par	29472.00
90	<b>Description:-</b> Supply, transportation, fixing, wiring, termination of cable, erection of rail post of size minimum 2.8 meter including foundation of post in cement concrete (1:2:4) as per the direction of the section engineer in charge, testing and commissioning of Emergency socket box of cast iron make as per Drawing No.SE/T/50/76 or latest (6 pin Emergency Plug and Socket as per TC-42/20 Version- 1.1 or latest and other accessories). This includes transportation of rail posts, provided by the Railway, from any place/Station to work site; fixing of GI pipe and emergency socket box, GI pipe (make: TATA/Jindal or better) minimum 40 mm diameter, minimum 1.8 meter long as per IS 1239 grade medium, cast iron emergency socket with complete fittings. Supply of materials required for masonry work, U-bolt for fixing emergency socket etc., cutting of Rails and welding or suitable clamp of GI pipe on the rail post will be done by the contractor. Inspection: Representative of Sr.DSTE/Adra.						
	01043000	2.00	Set	7308.00	14616.00	AT Par	14616.00
91	<b>Description:-</b> Preparation of Gate Working Rules (GWR) in English on the basis of station working rule diagram and gate working rule diagram to be supplied by the contractor. Submission of two draft copy to railways for checking and resubmission of draft in three copies for approval of division after making corrections. Editable Soft copy to be supplied in pen drive.						
	01044000	2.00	Set	7308.00	14616.00	AT Par	14616.00
92	<b>Description:-</b> Preparation of Gate working rules (GWR) in Hindi/Regional Language of that LC Gate on the basis of gate working rule diagram to be supplied by the contractor. Submission of two draft copy to railways for checking and resubmission of draft in three copies for approval of division after making corrections. Editable Soft copy to be supplied in pen drive.						
	01045000	10.00	Numbers	391.00	3910.00	AT Par	3910.00
93	<b>Description:-</b> Supply of 1 copy of GWR in English finally approved by railways along with spiral binding. This has to be done after CRS sanction has been obtained. Inspection: Representative of Sr.DSTE/Adra.						
	01046000	10.00	Numbers	391.00	3910.00	AT Par	3910.00
94	<b>Description:-</b> Supply of 1 copy of GWR in Hindi/Regional Language that LC gate finally approved by railways along with spiral binding. This has to be done after CRS sanction has been obtained . Inspection: Representative of Sr.DSTE/Adra.						
	19013000	20.00	Metre	27.00	540.00	AT Par	540.00
95	<b>Description:-</b> Supply of 25mm (1 inch) (PVC casing capping in rectangular shape with separate Casing & Capping, double lock, heavy duty & ISI mark with IS:14927 or latest with minimum 1 mm thickness. Inspection: Representative of Sr.DSTE/Adra.						
	19016000	20.00	Metre	15.00	300.00	AT Par	300.00
96	<b>Description:-</b> Transportation and fixing of PVC Conduit pipe/channel/casing capping on wall or structure with drawls of Telecom/Power/Data cable with proper finishing. This includes supply of fixing materials including flexible pipe/bend etc. as required during course of execution.						
	05010000	600.00	Numbers	27.00	16200.00	AT Par	16200.00
97	<b>Description:-</b> Supply of 2 conductor Knife disconnect terminal block, screwless type i.e. Wago conforming to Specification No. RDSO/SPN/189/2004, Ver.3 or latest. Connection method: Spring-cage connection, Cross section: 0.2 mm <sup>2</sup> - 2.5 mm <sup>2</sup> , Nominal current: 16 A, Nominal voltage: 400 V, Color: as per instruction of site engineer. Flammability rating according to UL 94-V0. Inspection: Representative of Sr.DSTE/Adra.						
	05012000	4.00	Metre	71.00	284.00	AT Par	284.00
98	<b>Description:-</b> Supply of Steel Rail Carrier (Din Rail slotted) Size: 35mmx7.5mm as per Specification No. RDSO/SPN/189/2004, Ver.3 or latest. Inspection: Representative of Sr.DSTE/Adra.						
	05013000	100.00	Numbers	8.00	800.00	AT Par	800.00
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	<b>Description:-</b> Supply of Endplate/End stop suitable for disconnect terminal as per RDSO/SPN/189/2004 or latest. Inspection: Representative of Sr.DSTE/Adra.						
100	05014000	600.00	Set	87.00	52200.00	AT Par	52200.00
	<b>Description:-</b> Supply of Wago Marker (1-100) for wago terminal. Inspection: Representative of Sr.DSTE/Adra.						
101	02031000	800.00	Metre	3503.00	2802400.00	AT Par	2802400.00
	<b>Description:-</b> "Supply & laying of 300 mm X 300 mm pre-cast/cast in -situ RCC cable ducts including top cover as per RDSO drawing No. SDO/S&T/RCC DUCT/1018/1 & 2, dated 29.5.23 or latest. Note- The rate is inclusive of all type of transportation including labour till it is placed into trenches. The laying of cables shall be paid separately fulfilling the laying procedure as per above drawings. Inspection: Representative of Sr.DSTE/Adra."						
102	15001000	2.00	Numbers	157054.00	314108.00	AT Par	314108.00
	<b>Description:-</b> "Supply, Installation, Testing & Commissioning of Networkable Single loop addressable Fire alarm Control panel expandable upto 2 loops & interface with GSM/LTE module working as per RDSO/SPN/217/2021 ver-3 or latest. The control panel shall be networkable to Zonal /Divisional Headquarters preferably over TCP IP/OFC media converter and shall have clock synchronization facility. This schedule includes supply of TCP IP converter/Networking card/OFC media converter. The control panel shall have provision of Graphical software to enable remote monitoring of entire fire detection and alarm system of a station from Head Quarters. The control panel shall be designed to work on power supply of 110V/230V AC as well as on DC battery backup of adequate capacity to work upto 24 hrs. Backup. The Power supplies like batteries and chargers shall be supplied by the contractor. The Control Panel shall have means for the user to visualize and interact with the complete Automatic Fire Detection and Alarm System layout through a user-friendly software executable on a standard Windows based Personal Computer. It shall be possible to download data and extend alarms from Control Panel through suitable ports like RS485/RS232/USB/TCP/IP into a PC/Laptop available with SSE at the installation and remote location (Divisional Control room) operating on Windows platform. The software for downloading and analysing fault data shall be provided & shall be compatible with the latest windows operating system. Detection, actuation, and control system shall have provision for automatic as well as manual operation. The control panel should have provision to connect a GSM/LTE module duly providing compatible SIM with SMS facility on minimum of 5 numbers (users). Note: Spare cost is also included & to be supplied as per RDSO para no. 4.15 or latest. Inspection: RDSO.						
103	15003000	4.00	Numbers	4328.00	17312.00	AT Par	17312.00
	<b>Description:-</b> "Supply, installation testing & commissioning of Heat and smoke multi sensor with inbuilt fault isolator (open/short circuit in loop) as per specification No. RDSO/SPN/217/2021 ver-3 or latest and required to be provided at suitable locations inside the diesel generator room, battery room, ASM room, power equipment room, non air conditioned RR, CCTV control & equipment rooms, way side OFC room and other S&T service rooms as directed by the Railway site Engineer. The location of fixing is to be meticulously decided so that full advantage of the system is achieved. Inspection: RDSO. Note: Spare cost is also included & to be supplied as per RDSO para no. 4.15 or latest.						
104	15008000	2.00	Numbers	92761.00	185522.00	AT Par	185522.00
	<b>Description:-</b> "Supply, installation, testing & communication of Linear Heat Sensing (LHS)/Linear Heat Detection (LHD) Interface module with all accessories for integration with main line fire alarm control panel as per RDSO specification No. RDSO/SPN/217/2021 ver-3 or latest. It should be UL/FM/Vds/LPCB approved/listed. Inspection: Representative of Sr.DSTE/Adra. Note: Spare cost is also included & to be supplied as per RDSO para no. 4.15 or latest."						
105	15009000	400.00	Metre	532.00	212800.00	AT Par	212800.00
	<b>Description:-</b> "Supply, Installation Testing and commissioning of Analogue type Linear Heat Sensing cable/Linear Heat Detector hollow metallic pneumatic tube type with required module to be integrated on main Fire Alarm Panel as per specification No. RDSO/SPN/217/2021 ver-3 or latest. It shall be laid in all cables tray located in power equipment room, relay room & telecom room and should be UL/FM/Vds/LPCB approved/listed. Inspection: RDSO. Note: Spare cost is also included & to be supplied as per RDSO para no. 4.15 or latest."						
106	15011000	2.00	Set	34435.00	68870.00	AT Par	68870.00
	<b>Description:-</b> "Supply of Power supply System 24 V/2 Amp or other rating as per OEM with built in Charger with battery backup as per specification No. RDSO/SPN/217/2021 ver-3 or latest. Inspection: RDSO. Note: Spare cost is also included & to be supplied as per RDSO para no. 4.15 or latest."						
107	15013000	200.00	Metre	636.00	127200.00	AT Par	127200.00
	<b>Description:-</b> "Supply, Installation, Testing & Commissioning of UL/LPCB/Vdc listed/approved Pipe made of CPVC with suitable diameter & pipe accessories (couplings, unions, elbows, tees, end caps, capillary tubes, sampling ports, mounting brackets etc.) as per requirement for the Aspiration detection shall comply to RDSO/SPN/217/2021 ver-3 or latest. Inspection: RDSO. Note: Spare cost is also included & to be supplied as per RDSO para no. 4.15 or latest."						
108	15015000	2.00	Numbers	4417.00	8834.00	AT Par	8834.00

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109	03014000	10.00	Numbers	20462.00	204620.00	AT Par	204620.00	
	<b>Description:-</b> Supply of CO2 Fire extinguisher 4.5 kg capacity confirming to IS 15683: 2018 or latest with ISI mark provided with all fittings and accessories. Inspection: Representative of Sr.DSTE/Adra.							
110	03015000	10.00	Numbers	1210.00	12100.00	AT Par	12100.00	
	<b>Description:-</b> "Supply of Fuse Auto Change Over System (FACS) type-I/II along with audio visual indication as per RDSO spec. No. RDSO/SPN/209/2012 Ver.2.0 or latest. It shall work on 24V DC/60V DC/110V AC as specified by the purchasers. The system shall be capable of monitoring fuses with system voltage of fuse circuit as 12V, 24V, 60V or 110V DC/AC Type-I: One module of Fuse Alarm System Should be able to cater for monitoring of 32 nos. of "G" type fuses from 0.6 Amp. to 4 Amp. System shall have 8 cards with monitoring arrangement of 4 fuses in one card. Or Type-II: One module of Fuse Alarm System Should be able to cater for monitoring of 24 nos. of "G" type fuses from 4 Amp. to 10 Amp. System shall have 6 cards with monitoring arrangement of 4 fuses in one card. Inspection: RDSO							
111	03016000	10.00	Numbers	69.00	690.00	AT Par	690.00	
	<b>Description:-</b> "Supply of Fuse terminal block with LED indication up to 2.5 sq. mm screw type one in one out suitable for 400mA/630mA/1 A/1.6A/2A/4A/6.3A/8A10A or as decided by Engineer in charge as per RDSO SPN/189/2004 or latest. Inspection: Representative of Sr.DSTE/Adra."							
112	17035000	2.00	Numbers	89090.00	178180.00	AT Par	178180.00	
	<b>Description:-</b> Supply of portable battery-operated Surge Protective Device (SPD) life tester, designed for onsite testing of surge protection devices. It allows checking and indicating the health status of GDT/MOV based SPD of voltage range 1mA to 20000V & leakage current upto 1000 micro ampere (Accuracy +-5%). It is having LCD 20 X 4 Character to display the various readings. It shall indicate the status of SPD by measuring its electrical parameters (varistor voltage, leakage current & Spark over Voltage). Make JMV/DHEN/CITEL or similar . Inspection: Representative of Sr.DSTE/Adra.							
113	14021000	2.00	Set	143762.00	287524.00	AT Par	287524.00	
	<b>Description:-</b> Supply and Installation of class A type Lightning Protection System as per following specification are as under, (i) Lightning arrester technology: Advance Early Steamer Emission. Material: High current discharge stainless steel. International standards: NFC 17- 102 or latest., (ii) Mast material: minimum 2 meter FRP pipe and minimum 3 meter high-grade aluminium/steel. Dimension: 50mm., (iii) Down conduct cable: 50 Sq. mm PVC insulated copper cable having 75m length, (iv) Lightning strike counter: 6 digits counter, Current sensitivity: 1KA to 200 KA, 8/20 & 10/350 micro/Sec. induction Shunt: 0.5 micro. (v) Two (02) No. of maintenance Free Earth with all required accessories as per Specification No. RDSO/SPN/197/ 2016 Ver 1.0 or latest such as copper cables, strips etc. Inspection: Representative of Sr.DSTE/Adra.							
114	16007000	4.00	Numbers	23490.00	93960.00	AT Par	93960.00	
	<b>Description:-</b> Supply of Steel Table with sunmica Top with storage on both sides Unitised table. Model: T-9. Make: Godrej or better. Inspection: Representative of Sr.DSTE/Adra.							
115	16004000	4.00	Numbers	3953.00	15812.00	AT Par	15812.00	
	<b>Description:-</b> "Supply of multipurpose Computer chair. Model: CH-7B. Make: Godrej or better. Inspection: Representative of Sr.DSTE/Adra."							
116	16009000	2.00	Numbers	25358.00	50716.00	AT Par	50716.00	
	<b>Description:-</b> Supply of Storwel plain 4 shelf almirah of size 1980 mm X 915 mm X 485 mm). Make: Godrej or better. Inspection: Representative of Sr.DSTE/Adra.							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () C-Integrated Power Supply System</b>							1973992.00	Above/ Below/Par
1	10006000	2.00	Set	883041.00	1766082.00	AT Par	1766082.00	
	<b>Description:-</b> Supply & transportation of SMPS based Integrated Power Supply System (Mini IPS for LC gate) as per Specification Nos. RDSO/SPN/165/2023 Ver. 4.0, Amdt.1 or latest and conforming to SE Railway Drawing Nos.SK/DRG/OL/SER/237 dated 16.09.2011 along with 2V/120 AH Low maintenance Lead Acid (LMLA) Battery Bank with complete accessories required for installation of IPS Cables: i) Between IPS System to ASM Panel-12 Core x 1.5 sq. mm = 35 mtrs, ii) System to Battery Bank-10 sq. mm =25 mtrs. Tools & Spare: It is to be supplied as per Annexure I & IV of RDSO specification. Inspection: RDSO.							
	10008000	2.00	Set	43881.00	87762.00	AT Par	87762.00	

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3	<b>Description:-</b> "Transportation, grouting and laddering of Integrated Power Supply (IPS) System including laying & termination of power & signalling cables through ladder on Hylam sheet, fixed on MS angle, by contractor on wall in panel/IPS room of adequate size, painting & lettering. Note: Transportation of batteries, electrolyte, bolts & nuts, screws, trough etc. and other sundry materials required for the above work shall be supplied by the contractor as required. The IPS to be commissioned by the OEM."						
	10007000	2.00	Set	60074.00	120148.00	AT Par	120148.00
<b>Description:-</b> Installation, Testing and Commissioning of SMPS based Integrated Power Supply System as per Specification Nos. RDSO/SPN/165/2023 Ver. 4.0, Amdt.1 or latest and conforming to SE Railway Drawing Nos.SK/DRG/OL/SER/237, dated 16.09.2011.							

**3. ITEM BREAKUP**

Schedule		Schedule B-SOR					
<b>Item- 1</b>		Excavation of trench in all kinds of soils including soft rocky area and clearing of roots of trees, rocks, bushes, ballast & reconditioning etc., including bailing out water and disposal of extra soil including back filling with excavated earth and ramming of trenches after cable laying for the following depths and widths as specified in Technical Circular No. 2 of 1988 & 01/2010 issued by CSTE/SER or any other latest guidelines. Note: In case, trenches are other than prescribed depth & width, Proportionate payment shall be released.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	02002001	Depth 1.2 meter, Width 0.5 meter.	Kilometre	4.00	95893.00	383572.00	
2	02002002	Depth 1.0 meter, Width 0.3 meter.	Kilometre	2.00	79869.00	159738.00	
3	02002003	Depth 0.8 meter, Width 0.3 meter.	Kilometre	1.00	70930.00	70930.00	
					<b>Total</b>	<b>614240.00</b>	

**4. ELIGIBILITY CONDITIONS**

**Standard Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	10.2. Financial Eligibility Criteria: The tenderer must have a 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. Details eligibility Criteria as given in IRGCC April 2022 with upto date modification will be followed.	No	No	Allowed (Mandatory)

**Standard Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	10.1 Technical Eligibility Criteria: (a) 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&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. Details eligibility Criteria as given in IRGCC April 2022 with upto date modification will be followed.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Track Circuit / LVCD / L.C.Gate Interlocking / Electro Mech. Rehabilitation / Panel Work - [Outdoor / Indoor / Outdoor Plus Indoor] / RRI Work - [Outdoor / Indoor / Outdoor Plus Indoor] / EI/SSI Work - [Outdoor / Indoor / Outdoor Plus Indoor].	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.
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
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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)
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**5. COMPLIANCE**

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Provisions of Make in India Policy 2017 issued by Govt. of India, as amended from time to time, shall be followed for consideration of tenders.	Yes	No	Allowed (Optional)
2	Tenderer is requested to submit copy of PAN card along with the tender offer	Yes	No	Allowed (Optional)
3	The tenderer has to confirm and submit required document as mentioned in Clause 14(ii)(a) to (g) of Tender Form Second Sheet IRGCC April 2022(Part I).	Yes	No	Allowed (Optional)
4	Tenderer is requested to submit copy of GSTIN Certificate along with the tender offer.	Yes	No	Allowed (Optional)
5	Submit PDF copy of partnership deed, if any, Constitution of the firm and copies of connected legal documents.	Yes	No	Allowed (Optional)
6	As per Clause 14 (i) of Tender Form Second Sheet IRGCC April 2022 (Part-I), the tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / Hindu Undivided Family (HUF) /Limited Liability Partnership (LLP) etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern. and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be	Yes	Yes	Allowed (Optional)
7	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	The tenderer has to deposit Bid Security / EMD as per Clause 5 of IRGCC Part-I, 2022 with up to date modification. If the tenderer shall submit/deposit Bid Security in the form of Bank Guaranty (BG), the BG shall be in favour of The President of India, Acting through FA & CAO/S. E. Rly./Garden Reach/Kolkata. Beneficiary: FA & CAO/S. E. Rly./Garden Reach/Kolkata	No	No	Not Allowed
2	Please refer all attached document and IRGCC April 2022 with all the issued corrections slip.	No	No	Not Allowed
3	If tenderer wants to attach any other relevant certificate/documents/information is requested to attach. But please avoid unnecessary attachment of unnecessary documents.	No	No	Not Allowed
4	All tenderers are advised to upload clear and readable documents only. If any document is found unreadable then the offer of tenderer may be rejected. Also, it is notable to upload all necessary documents with their quote. If any minimum and compulsory document is not uploaded then their offer may be rejected. However, rejection or acceptance of offer on this ground solely depends on discretion of the tender accepting authority (TAA).	No	No	Not Allowed



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5	Tenderer is advised to go through IRGCC April 2022 issued by Railway board and Tender documents attached with this tender before quoting their rate. The successful Tenderer(s) shall be required to execute an agreement with Railway for carrying out the work according to Standard General Conditions of Contract, Special Conditions / Specifications annexed to the tender and Standard Specifications (Works and Materials) of Railway as amended/corrected up to latest correction slips, mentioned in tender. Special condition of this tender will be prevail in case of any contradiction	No	No	Not Allowed
6	Tender Committee members for this tender have full right with approval of Tender Accepting Authority to reduce, increase or completely delete any of item or items or even any schedule without taking any consent of the tenderer, if they feels description of any item is confusing or due to abnormally higher rates or due to any other reasons for any item or items or any schedule of this tender.	No	No	Not Allowed
7	In case of any contradict wording or any typographical error is found in the tender, interpretation and decision of Railway authority will be final.	No	No	Not Allowed
8	All the Rates are inclusive of GST and the tenderer has to quote their rate inclusive of GST only. This tender is bound with existing taxation rules	No	No	Not Allowed
9	Tentative SIP is attached with this tender advertisement; hence it is requested to go through it before quoting.	No	No	Not Allowed
10	Tenderers are advised to quote their offer inclusive of GST 18%.	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Tenderer are required to complete the work as per given time line in Tender document.	No	No	Not Allowed
2	Payment clause: Payment shall be made 80% on supply of materials against those items, where rates are inclusive of supply, installation, testing, commissioning. Remaining 20% shall be paid after successful installation, testing and commissioning. In case of non-installation of any material, overall 80% of agreement rate will be paid against only supply of material.	No	No	Not Allowed
3	The balance sheet and all other financial documents attested/certified by CAs to substantiate fulfillment of Financial Eligibility Criteria should be UDIN, failing which the offer is likely to be rejected without any further reference.	No	No	Not Allowed
4	The Special Condition of Contract (SCC) and other technical & general criteria is attached as Tender Document, which will be part and parcel of Contract Agreement.	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	List of works on hand indicating description of work, contract value, approximate value of balance work yet to be done their date of award and scheduled date of completion.	Yes	No	Allowed (Optional)
2	List of Personnel, Organization available on hand and proposed to be engaged for the subject work.	Yes	No	Allowed (Mandatory)
3	List of plant and machinery available on hand (Own) and proposed to be inducted (Own and hired to be given separately) for the subject work.	Yes	No	Allowed (Mandatory)
4	Information regarding Employment/ Partnership etc. of Retired Railway Employees with the tenderer to comply Para no. 11 (regarding credentials) and 16 (Declaration of Retired employee) of Engg. IRGCC April 2022.	Yes	No	Allowed (Optional)
5	Submit PDF copy of self-certificate in support of site visit.	Yes	No	Allowed (Optional)

**6. Documents attached with tender**



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S.No.	Document Name	Document Description
1	IRGCCApril2022ACS_621DEC2023.pdf	IRGCC April 2022 ACS_6 21DEC2023
2	IRGCCApril2022ACS_520OCT2023.pdf	IRGCC April 2022 ACS_5 20OCT2023
3	IRGCCApril2022ACS_326APR2023.pdf	IRGCC April 2022 ACS_3 26APR2023
4	IRGCC_April-2022_2022_CE-I_CT_GCC- 2022_POLICY_27.04.22.pdf	IRGCC APRIL 2022
5	IRGCCApril2022ACS_114JUL2022.pdf	IRGCC April 2022 ACS_1 14JUL2022
6	IRGCCApril2022ACS_213DEC2022.pdf	IRGCC April 2022 ACS_2 13DEC2022
7	IRGCCApril2022ACS_407AUG23.pdf	IRGCC April 2022 ACS_4 07AUG23
8	TAN3006Ver3_1dated30_06_2025_2.pdf	TAN 3006 Ver 3_1 dated 30_06_2025
9	JPOFinalason19FEB2024.pdf	JPO Final as on 19FEB2024
10	IRGCCApril2022ACS_725NOV2024.pdf	IRGCC April 2022 ACS_7 25NOV2024
11	IRGCCApril2022ACS_8-20DEC24.pdf	IRGCC April2022 ACS_8-20DEC24
12	IRGCCApril2022ACS_9-9JAN25.pdf	IRGCC April2022 ACS_9-9JAN25
13	IRGCCApril2022ACS_10-4MAR25.pdf	IRGCC April2022 ACS_10-4MAR25
14	TenderDocument2INTERLOCKING.pdf	TENDER DOCUMENT
15	IPSSPEC.pdf	IPS SPEC
16	IRGCCApril2022AdvanceCorrectionSlipNo11_compressed.pdf	IRGCC 2022 CORRECTION SLIP 11

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:** VIPUL KUMAR YADAV

**Designation :** DSTE ADRA