

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

Sr.DEE/GS/PGT acting for and on behalf of The President of India invites E-Tenders against Tender No **J-E-09-2026-27-W** Closing Date/Time 02/07/2026 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

Name of Work	KGQ - Supply, Erection, Testing & Commissioning (SETC) of 11kV/433v Sub-Station and Power Supply arrangements to PH shelters, PWI store, Covered Parking area etc - Electrical Arrangements		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	02/07/2026 11:00	Date Time Of Uploading Tender	09/06/2026 16:25
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	17242981.00	Tendering Section	GSPGT
Bidding Style	Single Rate for Each Schedule Item	Bidding Unit	
Earnest Money (Rs.)	344900.00	Validity of Offer (Days)	45
Tender Doc. Cost (Rs.)	0.00	Period of Completion	9 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	18/06/2026		
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-Electrical Arrangements							17242981.00	
01	01	495.00	cum	500.00	247500.00	AT Par	247500.00	Rs.
	Description:- Excavation of cable trench in all kinds of soil up to a depth of 1.0 Mtr. & Width of 0.3 Mtr duly clearing the roots of trees etc. and refilling with the excavated soil up to normal level. Depth and Width can be varied based on site Condition as directed by site engineers in charge. Concerned Measurement will be taken in Cubic meters. easily inserted and removed wherever need arises							
02	02	980.00	Metre	616.00	603680.00	AT Par	603680.00	Rs.
	Description:- Supply and laying /fixing of HDPE pipe 110mm dia pressure rating up to 4PN (Material Grade-PE 63) in the excavated cable trench/building wall/FOB etc., With suitable GI fixing hardware like T-Joints, L-Joints, shall be used at appropriate locations. So that cable can be easily inserted and removed wherever need arises							
03	03	1350.00	Metre	200.00	270000.00	AT Par	270000.00	Rs.
	Description:- Supply and laying /fixing of HDPE pipe 50mm dia pressure rating up to 4PN (Material Grade-PE 63) in the excavated cable trench/building wall/FOB etc., With suitable GI fixing hardware like T-Joints, L-Joints, shall be used at appropriate locations. So that cable can be easily inserted and removed wherever need arises							
04	04	2.00	Numbers	45000.00	90000.00	AT Par	90000.00	Rs.
	Description:- "Supply, erection, testing and commissioning of feeder pillar bunk made in 16SWG CRCA MS sheet with the followings; Incoming: 63A 4Pole MCCB with thermal magnetic release, out going a) 4Pole MCB-32A-2nos. b) DP RCCB 25A/100mA-1 no. c) DP MCB-16A-2 nos. d) Conventional analog type timer-1no, e) 20A 4Pole contactor- 1no. f) 63A 4way connector-4 nos. g) Drawing approval to be obtained before fabrication"							
	05	1.00	Numbers	190000.00	190000.00	AT Par	190000.00	Rs.

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
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Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

05	Description:- "Design, Fabrication, Supply, Erection, Testing and Commissioning of 14SWG MS Sheet Medium Voltage Main Distribution Board. (MTDB) In comer 1) 1 Nos. of MCCB 4 Pole 160A, 36kA with thermal magnetic release, Ground fault Protection having specification similar to L&T Model No. CM92108OOM1OG. Out Going 1) 4 Nos. of MCCB 4 Pole 63A, 36kA with thermal magnetic release, Ground fault Protection having specification similar to L&T Model No. CM97919OOH2OG. 2) 1 No. of 3 Phase Volt meter. 3) 1 No. of 3 Phase Ammeter. 4) LED Indication lamp. 5) Electrolytic copper bus bar of size 300 Sq.mm (main) and Other standard fittings, as per relevant IS. Note :- 1) All MCCB has to be fitted with Spreader & ROM "							
06	06	86.00	Numbers	323.00	27778.00	AT Par	27778.00	Rs.
	Description:- "Supply and Fixing of 18W to 20W LED batten tube light Luminary.The fittings have to be fixed on the wall/ceiling/PF Shelter with suitable clamps. "							
07	07	33.00	Numbers	3086.00	101838.00	AT Par	101838.00	Rs.
	Description:- "Supply and fixing of BEE 5 star rated Remote Controlled BLDC Ceiling Fan energy efficient type of 1200 mm sweep, with 5 star rating having input power (max) 28 Watts, suitable for 240 volt, 50 hz single phase ac supply with minimum 5 years replacement warranty. "							
08	08	8.00	Numbers	400.00	3200.00	AT Par	3200.00	Rs.
	Description:- Supply at site, fixing of 3pin or 5pin Modular type Socket - 6A with 1Way modular controlling switch on the already erected modulr control /switch boards including internal wiring [Socket - 2 Module, Switch 1 Module]							
09	09	7.00	Numbers	700.00	4900.00	AT Par	4900.00	Rs.
	Description:- Supply at site, fixing of modular type socket - 16A with 1Way modular controlling switch on the already erected modulr control /switch boards including internal wiring [Socket - 2 Module, Switch 1 Module]							
10	10	740.00	Metre	140.00	103600.00	AT Par	103600.00	Rs.
	Description:- "Supply and Single phase wiring by means of 2 nos. of 1.5 Sq.mm (P&N) and 1 No. of 2.5 Sqmm (Earth) size Flame Retardant Low Smoke & Halogen (FR- LSH) PVC insulated single core multistranded flexible copper cable with ISI mark of approved make with coded color for Phase, Neutral and Earth through already erected PVC casing and capping or pipes, junction boxes, distribution boards etc., "							
11	11	70.00	Metre	170.00	11900.00	AT Par	11900.00	Rs.
	Description:- "Supply and Single phase wiring by means of 2 nos. of 2.5 Sq.mm (P&N) and 1 No. of 4 Sqmm (Earth) size Flame Retardant Low Smoke & Halogen (FR-LSH) PVC insulated single core multistranded flexible copper cable with ISI mark of approved make with coded color for Phase, Neutral and Earth through already erected PVC casing and capping or pipes, junction boxes, distribution boards etc., "							
12	12	80.00	Metre	270.00	21600.00	AT Par	21600.00	Rs.
	Description:- "Supply and Single phase wiring by means of 2 nos. of 4 Sq.mm (P&N) and 1 No. of 6 Sqmm (Earth) size Flame Retardant Low Smoke & Halogen (FR- LSH) PVC insulated single core multistranded flexible copper cable with ISI mark of approved make with coded color for Phase, Neutral and Earth through already erected PVC casing and capping or pipes, junction boxes, distribution boards etc., "							
13	13	11.00	Numbers	400.00	4400.00	AT Par	4400.00	Rs.
	Description:- "Supply and concealing of sheet metal boxes with 3-way module along with modular frame & plate including plastering and finishing to original level. "							
14	14	7.00	Numbers	500.00	3500.00	AT Par	3500.00	Rs.
	Description:- "Supply and concealing of sheet metal boxes with 6-way module along with modular frame & plate including plastering and finishing to original level. "							
15	15	5.00	Numbers	650.00	3250.00	AT Par	3250.00	Rs.
	Description:- "Supply and concealing of sheet metal boxes with 8-way module along with modular frame & plate including plastering and finishing to original level. "							
16	16	12.00	Numbers	70.00	840.00	AT Par	840.00	Rs.
	Description:- Supply and fixing of 3 plate ceiling rose as ditected by site engineer incharge.							
17	17	35.00	Numbers	100.00	3500.00	AT Par	3500.00	Rs.
	Description:- Supply and Fixing of 1Way 6A Modular switch as directed by site engineer incharge							
18	18	20.00	Numbers	90.00	1800.00	AT Par	1800.00	Rs.
	Description:- Supply and Fixing of Dummy Plates as directed by site engineer in Charge.							
19	19	110.00	Metre	60.00	6600.00	AT Par	6600.00	Rs.
	Description:- "Supply and laying of ISI marked medium duty PVC Rigid wiring Conduit of 20mm Dia & Wall thickness 1.6mm+/-0.2mm for Concealed Wiring including, tees, bends, junction boxes etc.,, plastering and finishing to original level. "							
20	20	130.00	Metre	60.00	7800.00	AT Par	7800.00	Rs.

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

	Description:- "Supply and laying of ISI marked Medium duty PVC rigid wiring conduit pipe of size 20mm dia for Open wiring including, tees, bends, junction boxes etc and finishing to original level & Wall thickness 1.4mm +/- 0.2mm. "							
21	21	2.00	Numbers	600.00	1200.00	AT Par	1200.00	Rs.
	Description:- Supply and fixing of Multi-Purpose Fancy Glass Shelf/Mobile stand/ With Heavy Wall Brackets.							
22	22	4200.00	Metre	50.00	210000.00	AT Par	210000.00	Rs.
	Description:- "Transportation &Laying / clamping / threading of 4 Core XLPE cable (Size up to & Including 70 Sq.mm) through trench, Cable protection pipe, Wall/shelters, FOB, etc as directed at site, with suitable clamps, Aluminium sockets, etc., Note: - Cable will be supplied by Railway from the Office of SSE/Electrical/W/PGT."							
23	23	64.00	Numbers	250.00	16000.00	AT Par	16000.00	Rs.
	Description:- "End termination using single brass compression gland of Size from 4 core 16 Sq.mm up to & Including 4 Core 25 Sq.mm with required aluminium sockets, etc., Note:- 1) Scope of work including supply ad Fixing of said glands 2) PVC type glands may be used for cable termination in the poly carbonate box as directed by site engineer incharge."							
24	24	54.00	Numbers	500.00	27000.00	AT Par	27000.00	Rs.
	Description:- "End termination using single brass compression gland of Size from 4 core 70 Sq.mm up to & Including 4 Core 95 Sq.mm with required aluminium sockets, etc., Note:- 1) Scope of work including supply and Fixing of said glands 2) PVC type glands may be used for cable termination in the poly carbonate box as directed by site engineer incharge."							
25	25	17.00	cum	5000.00	85000.00	AT Par	85000.00	Rs.
	Description:- Breaking of cement concrete flooring and finishing to original level by cement concrete in an approved manner							
26	26	42.00	Metre	700.00	29400.00	AT Par	29400.00	Rs.
	Description:- "Supply and Fixing of Cable protection pipe of 50mm Dia B class GI pipe with suitable clamps and sealing compound shall be provided on the top of the GI pipe as per standard. "							
27	27	100.00	Metre	2500.00	250000.00	AT Par	250000.00	Rs.
	Description:- "Supply and fixing of DLP U-PVC trunking system and accessories for the size 195 x 50mm. Note:- Existing Power cable has to be arranged in the U-PVC Trunking System as directed bysite engineer incharge."							
28	28	300.00	Metre	1100.00	330000.00	AT Par	330000.00	Rs.
	Description:- "Supply and erection of 300 x 50mm size 14 SWG Hot dipped GI perforated tray for cable laying with Suitable fixing Arrangements As directed by Site Engineer. Preferable Makes :- JSW, ESSAR, TATA or any other reputed makes. Note:- 1) The scope of work includes supply and fixing of suitable length & size of thread rods and strut channels etc., including all other accessories for successful completion of the above work"							
29	29	8.00	Numbers	23000.00	184000.00	AT Par	184000.00	Rs.
	Description:- "Supply and fixing of Poly carbonate box of similar to Hensel Model No. Mi 0600/0601 in the PF shelter for cable termination with the following, 1) 25x3x200mm-6Nos. of Copper Bus bar 2) 1P MCB 2A - 8Nos. Note :- 1) The 2.5 Sq.mm size Flame Retardant Low Smoke & Halogen (FR-LSH) PVC insulated single core multistranded flexible copper cable with ISI mark has to be used for connecting between Copper bus bar and MCBs. 2) Out going from MCBs has to be neatly wired and covered as directed by site engineert in charge. "							
30	30	8.00	Numbers	8500.00	68000.00	AT Par	68000.00	Rs.
	Description:- "Supply and fixing of Transparent Poly carbonate box of similar to model No. Mi 0300/0301 in the PF shelter for cable termination with 1 No. of 200A 4 Way Connector. Note :- For 24 Hrs supply, Stall supply etc., tapping points. "							
31	31	8.00	Numbers	2500.00	20000.00	AT Par	20000.00	Rs.
	Description:- "Supply and fixing of Transparent Poly carbonate box of similar to model No. KG 9002 in the PF shelter for cable termination with 1 No. of 64A 4 Way Connector. Note :- For Inverter/Emergency supply tapping points etc."							
32	32	8.00	Numbers	72.00	576.00	AT Par	576.00	Rs.
	Description:- "Supply and Fixing of 9W LED bulb in the already fixed angular / batten holder in an approved manner. "							
33	33	8.00	Numbers	54.00	432.00	AT Par	432.00	Rs.
	Description:- Supply and fixing of PVC angular/ batten lamp holder suitable for provision of 1x9W LED bulb.							
34	34	24.00	Numbers	650.00	15600.00	AT Par	15600.00	Rs.
	Description:- "Supply and fixing of Hooks by using 40x6mm MS flat for fixing of Ceiling fan in the PF shelter. 8mm Steel rod has to be used for provision of ""S"" Hooks. Same has to be fixed in the said MS flat. Note:- 2 cots of Aluminium painting has to be done on the MS Flat."							
--	35	24.00	Metre	180.00	4320.00	AT Par	4320.00	Rs.

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

35	Description:- Supply & Fixing of 19mm MS tube for additional length of down rod for fixing the ceiling fan							
36	36	600.00	Metre	82.00	49200.00	AT Par	49200.00	Rs.
	Description:- "Supply and laying of ISI marked Medium duty PVC rigid wiring conduit pipe of size 25mm dia for Open wiring including, tees, bends, junction boxes etc and finishing to original level & Wall thickness 1.4mm +/- 0.2mm "							
37	37	88.00	Numbers	250.00	22000.00	AT Par	22000.00	Rs.
	Description:- supply and fixing of PVC Surface box of suitable size with suitable size of Plastic sheets on the top and fitted with 1 No. of three plate ceiling rose, 6A Flush type KITKAT fuse unit. The box will be fixed by the suitable size of GI clamps							
38	38	32.00	Numbers	600.00	19200.00	AT Par	19200.00	Rs.
	Description:- "Supply, Fabrication and fixing of supporting arrangements for fixing of LED tube light fittings made by MS angle of size 25mm x 3mm and a length 2.75mtrs to 3mtrs to with two coats of red oxide and two coats aluminium paint as directed at site. Note:- MS angle to be welded in the PF Shelter as directed by site engineer incharge"							
39	39	8.00	Numbers	6500.00	52000.00	AT Par	52000.00	Rs.
	Description:- "Supply, installation, testing and commissioning of Aesthetically designed Mobile Phone Charging Points with plug sockets and control accessories complete as per specification enclosed. Including Single phase wiring by means of 2 nos. of 1.5 Sq.mm (P&N) and 1 No. of 2.5Sqmm (Earth) size Flame Retardant Low Smoke & Halogen (FR- LSH) PVC insulated single core multistranded flexible copper cable with ISI mark of approved make with coded color for Phase, Neutral and Earth through PVC Casing and capping or pipes, junction boxes, distribution boards etc.,from OH aerial mains. Note:- Number of Sockets Required - 6Nos. of 3pin 6A Sockets with suitable controlling switches."							
40	40	3.00	Numbers	6000.00	18000.00	AT Par	18000.00	Rs.
	Description:- "Supply and fixing of Poly Carbonate Box of Similar to Hensel Model No. Mi 0100/0101 for PF light control with the followings, 1)1 No.of On Delay timer Similat to (L&T) Model No.GIC 12ODT4 with 1No. of contactor."							
41	41	20.00	Numbers	5000.00	100000.00	AT Par	100000.00	Rs.
	Description:- "Provision of Inspection pit of 0.6m x 0.6 m x 0.6 m depth (Inner dimensions) for laying of cable with brick wall of 0.20 m thick on all the four sides with plastering and top cover shall be of Concrete slab/ heavy duty FRP/ cast iron as directed by site Engineer in charge. Note :- 1) Edges of the Top cover and top of the Inspection pit shall be protected by Suitable MS / GI ""L Angle"" as directed by site Engineer in charge."							
42	42	3.00	Numbers	3600.00	10800.00	AT Par	10800.00	Rs.
	Description:- Removal of Existing Rail/ lamp standard pole with Light fittings & Accessories and stacking to the proper location as directed by site engineer in charge.							
43	43	1000.00	Metre	60.00	60000.00	AT Par	60000.00	Rs.
	Description:- "Transportation &Laying / clamping / threading of 4 Core XLPE cable (Size above70 Sq.mm upto and including 120Sq.mm) through trench, Cable protection pipe, Wall/shelters, FOB, etc as directed at site, with suitable clamps and termination duly supplying required Aluminium sockets, etc., Note: - Cable will be supplied by Railway from the Office of SSE/Electrical/W/PGT. "							
44	44	3300.00	Metre	90.00	297000.00	AT Par	297000.00	Rs.
	Description:- "Transportation &Laying / clamping / threading of 2Core/4 Core XLPE cable (Size above120 Sq.mm upto and including 300Sq.mm) through trench, Cable protection pipe, Wall/shelters, FOB, etc as directed at site, with suitable clamps and termination duly supplying required cable glands, Aluminium sockets, etc., Note: - Cable will be supplied by Railway from the Office of SSE/Electrical/W/PGT."							
45	45	130.00	Metre	1711.00	222430.00	AT Par	222430.00	Rs.
	Description:- Supply,Transportation &Laying/ clamping /threading of HT XLPE cable 3x300 Sq mm Aluminium including stacking place to work site and laying it carefully using cable rollers, taking through stone ware/ G.I.pipes at road crossing/ culverts /bridges etc. wherever necessary, providing identification tags at 5m intervals, filling the space around the cable with riddled soil, providing cable route markers at 100m intervals, inclusive of cost of all materials (other than cost of GI/HDPE pipe & UG Cable), labour, transport and crane charges.							
46	46	54.00	Numbers	618.00	33372.00	AT Par	33372.00	Rs.
	Description:- "End termination using single brass compression gland of Size from 4 core 120 Sq.mm up to & Including 4 Core 185 Sq.mm with required aluminium sockets, etc., Note:- 1) Scope of work including supply ad Fixing of said glands 2) PVC type glands may be used for cable termination in the poly carbonate box as directed by site engineer incharge."							
47	47	26.00	Numbers	928.00	24128.00	AT Par	24128.00	Rs.
	Description:- "End termination using single brass compression gland of Size from 4 core 240 Sq.mm up to & Including 4 Core 300 Sq.mm with required aluminium sockets, etc., Note:- 1) Scope of work including supply ad Fixing of said glands 2) PVC type glands may be used for cable termination in the poly carbonate box as directed by site engineer incharge."							

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

48	48	25.00	Metre	900.00	22500.00	AT Par	22500.00	Rs.
	Description:- Supply and Fixing of Cable protection pipe of 100mm inner dia B class GI pipe with suitable clamps and sealing compound shall be provided on the top of the GI pipe as per standard							
49	49	6.00	Metre	1987.00	11922.00	AT Par	11922.00	Rs.
	Description:- Supply and fixing of 'B' class 150mm Dia GI pipes for cable leading / protection including one number of clamp made out of MS flat of 40mmx6mm size, one per metre length including applying of end sealing compound on top etc							
50	50	1080.00	Metre	850.00	918000.00	AT Par	918000.00	Rs.
	Description:- Supply and burying of HDPE pipe 160mm dia pressure rating up to 4PN (Material Grade-PE 80) Under Railway track/Road Crossing/ in the excavated cable trench with suitable fixing hardware.							
51	51	4.00	cum	5649.00	22596.00	AT Par	22596.00	Rs.
	Description:- Excavation and refilling of cable trench along/across Tarred Road up to a depth of 1.0 meter and width of 0.3mtrs duly breaking the tarred surface, removing soling stones and soil and finishing back to the original level with bituminous macadam using crushed stone aggregates as per standards. Depth and width can be relaxed by site Engineer and Measurement will be recorded based on the Proportionate reduction in length of trench/meter.							
52	52	9.00	Metre	500.00	4500.00	AT Par	4500.00	Rs.
	Description:- Excavation and refilling of cable trench across the Railway track 30cm width and depth of 1.2m from the foundation level. This includes removal and relaying of ballast without contamination of soil and rearranging the formation to original level. Depth can be relaxed by the site engineer as per the site condition and measurement will be recorded based on the volume of the trench under the formation.							
53	53	6.00	Sqm	804.00	4824.00	AT Par	4824.00	Rs.
	Description:- Excavation of Cable trench in Granite/Paved block/Kota stone area duly removing Granite/Paved block/Kota stone and Excavation of cable trench in all kinds of soil upto a depth of 1.0 meter. & Width of 0.3 meter duly clearing the roots of trees etc. and refilling with the excavated soil up to normal level. Depth and Width can be varied based on site Condition as directed by site engineers in charge. This includes Restoring the floor by using removed Granite/Paved block/Kota stone.							
54	54	10.00	Numbers	816.00	8160.00	AT Par	8160.00	Rs.
	Description:- "Supply at site & placing of flat type cable route indicator at regular intervals on straight route and one each at every route diversion from straight line as directed by site engineer. The said cable Route Indicator has to be grouted in a concrete mix of ratio 1:3:6with 300mmX200mmX300mm size."							
55	55	10.00	Numbers	2199.00	21990.00	AT Par	21990.00	Rs.
	Description:- "Transportation and erection of Dwarf Rail pole with suitable foundation. Note:-The Rail poles will be supplied by Railway at nearest location same has to be cut in to suitable size as directed by site engineer."							
56	56	10.00	Numbers	31325.00	313250.00	AT Par	313250.00	Rs.
	Description:- "Supply and fixing of Poly carbonate box of similar to model No. Mi 0800/Mi 0801 on the Dwarf Rail poles for cable termination with the following 1) 2 No. of 200A 4 Way Connector. "							
57	57	8.00	Numbers	3610.00	28880.00	AT Par	28880.00	Rs.
	Description:- Supply and fixing of heat shrinkable straight through cable joint kits suitable for 4 Core / 3.5 Core PVC/XLPE LTUG cables of size 50sq.mm to 95sq.mm							
58	58	8.00	Numbers	5157.00	41256.00	AT Par	41256.00	Rs.
	Description:- Supply and fixing of heat shrinkable straight through cable joint kits suitable for 4 core/3.5Core PVC/XLPE LTUG cables of size 120sq.mm to 185sq.mm							
59	59	1.00	Set	51575.00	51575.00	AT Par	51575.00	Rs.
	Description:- "Supply, Erection, Testing and Commissioning of 9m Double Pole (Rail pole) structure inclusive of 11kV, 200A/400A D/B GOs, Post Insulator, Pin Insulator, Disc Insulator, 1set of Lightning Arrester, 0SWG Electrolytic Solid Copper Rods, Anticlimbing Devise, Channel cross arms and angle cross bracings etc,,. confirming to KSEBL Standards inclusive of all accessories such as clamps, bolts, nuts, washers etc.,, as per Detailed Sketch Enclosed and painting with two coats in each of primer zinc chromate and aluminium paints. (Rail pole will be supply by railway at nearest depot) Note:- Necessary drawing approval may be obtained before commencement of work. "							
60	6	2.00	Numbers	3094.00	6188.00	AT Par	6188.00	Rs.
	Description:- Transportation of 9 meter Rail pole from the nominated locations as directed by site engineer incharge.							
	61	1.00	Set	226930.00	226930.00	AT Par	226930.00	Rs.

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Closing Date/Time: 02/07/2026 11:00

61	Description:- Supply, Erection, Testing and Commissioning of Outdoor Type 11kV, 3 Phase Metering Panel with Trivector Meter (Bi directional), CT of Suitable Ratio, PT of Ratio 11kV/110V and all other Standard accessories as per enclosed detailed specification, relevant standards and requirements of KSEB							
62	62	13.00	cum	7220.00	93860.00	AT Par	93860.00	Rs.
62	Description:- Supply and provision of mass concrete for plinths of transformers, panel boards, kiosks and as instructed by Engineer-in-charge with 1:2:4 ratio using 20 mm blue metal							
63	63	2.00	Numbers	13925.00	27850.00	AT Par	27850.00	Rs.
63	Description:- Supply, fixing and commissioning of outdoor heat shrinkable type end termination kit for 11kV, 3 core, 300sq.mm XLPE UG cable							
64	64	7.00	Numbers	10830.00	75810.00	AT Par	75810.00	Rs.
64	Description:- Supply, fixing and commissioning of indoor heat shrinkable type end termination kit for 11kV, 3 core, 300sq.mm XLPE UG cable							
65	65	3.00	Set	10513.00	31539.00	AT Par	31539.00	Rs.
65	Description:- Supply, Erection, testing and commissioning of Drop Out Fuse unit complete to work on AC, 11 KV, three phase, 50 Hz supply, 200 A capacity, channel mounting and expulsion type with fuse elements of appropriate current rating inclusive of all accessories, all conforming to IS No: 2692, 5792 & IS No: 9385 with all accessories							
66	66	225.00	Sqm	257.00	57825.00	AT Par	57825.00	Rs.
66	Description:- Supply and Spreading of quarry dust of approximate 100mm thick in the substation yard to avoid growth of grass/Bushes.							
67	67	16.00	cum	2652.00	42432.00	AT Par	42432.00	Rs.
67	Description:- Supply and spreading of Blue metal of 40mm size around the Double Pole Structure and transformer plinth structure as per standard							
68	68	2.00	Numbers	1542154.00	3084308.00	AT Par	3084308.00	Rs.
68	Description:- Supply (at site), erection, testing and commissioning of 315 KVA, 11kV/433V outdoor type Distribution Transformer with cable box on both HT & LT side as per enclosed detailed specification and relevant standards							
69	69	1.00	Numbers	2053365.00	2053365.00	AT Par	2053365.00	Rs.
69	Description:- Supply, erection, testing and commissioning of floor mounted 11kV, 630A HT panel with VCB as incomer and two nos. of VCB as outgoing as per enclosed detailed specification and relevant standards							
70	70	100.00	Metre	515.00	51500.00	AT Par	51500.00	Rs.
70	Description:- Supply, fabrication and fixing of frame work made of 50x50x6mm MS angle for laying chequered MS plate to cover cable duct to suit site requirements and as instructed by Engineer-in-charge							
71	71	24.00	Sqm	2578.00	61872.00	AT Par	61872.00	Rs.
71	Description:- Supply and laying of chequered MS plate of 6mm thickness in sizes and shapes required for covering cable duct as instructed by the Engineer-in-charge. Floor and MS plate should be in the same level							
72	72	38.00	Metre	2372.00	90136.00	AT Par	90136.00	Rs.
72	Description:- Supply and laying of electrolytic tinned copper flat of 40mmx6mm (1 1/2"x1/4") size as per standard							
73	73	1.00	Numbers	292989.00	292989.00	AT Par	292989.00	Rs.
73	Description:- Supply, erection, testing and commissioning of contactor switched standard Automatic Power factor Correction Panel of 75kVAr capacity as per enclosed detailed specification and relevant standards							
74	74	1.00	Set	8252.00	8252.00	AT Par	8252.00	Rs.
74	Description:- Supply and fixing of 2Nos. of 400/5A, CL 1.0,10VA, Resin cast CTs and 1No.5+5/5A summation CT in the existing Non essential MV panel (for APFC panel) '							
75	75	180.00	Metre	123.00	22140.00	AT Par	22140.00	Rs.
75	Description:- Supply and fixing of 2Core 2.5 Sqmm Copper Armoured UG cable for Interconnection between APFC Panel and CT .							
	76	12.00	Numbers	7000.00	84000.00	AT Par	84000.00	Rs.

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

76	Description:- "Supply of Concealed type Earthing. This consisting of supply at site, erection, testing and commissioning of G.I. Earth Electrode 50mm dia, 3000mm long, 'C' class (heavy duty/ISI marked supply and and fixing of earth inspection chamber, lid, as per Construction Drg. No.EL/P/TYPE-1022 with charcol & salt / Bentonite Compound Filling, which includes the cutting and removing of granite / marble / kadappa stone paved platform and cement concreted areas etc., excavation / augering of earth pit by suitable boring equipments. The earth pot shall be provided in level with flooring. The above includes reconstruction of the area of granite / marble / kadappa stone / cement concrete etc..., to bring back to the original condition duly providing granite / marble / kadappa stone / cement concrete etc.,, duly making interconnection between electrical equipment and earth electrode using 6SWG GI earth wire. The earth pot shall be painted black and earth value to be recorded"							
77	77	60.00	Metre	4641.00	278460.00	AT Par	278460.00	Rs.
	Description:- "Supply and fabrication of fencing panel of 2.4mtr Height and 1m Width made with 8SWG (Nominal Size) GI Chain Link Mesh 50X50mm inner size of the diamond design, 40X40X5/6mm MS angle Outer frame in 2mtr wide and Vertical T section support with 40X40X5/6mm MS angle iron and 40X5/6mm MS flat at middle , Horizontal brazing at Centre with 40X5/6mm MS flat etc., In welded Construction, Install the Fencing panels on the channel poles already erected by welding,Suitable door and locking Arrangements , painted with approved enamelShade/AL paint after Applying epoxy Primer etc., as Required. Note:- Fencing to be done as per the drawing enclosed."							
78	78	40.00	Numbers	4641.00	185640.00	AT Par	185640.00	Rs.
	Description:- fabrication, Supply and Erection of approximate 2.9m long channel pole of size 100X50mm with MS base plate of size 200X200X5mm, painted with approved enemaL Shade/AL pain after epoxy primer for welded mesh fencing of the substation including concreting.							
79	79	1.00	Set	6704.00	6704.00	AT Par	6704.00	Rs.
	Description:- "Fabrication, supply and erection of stand of fire buckets as per Standards along with Six Numbers of fire buckets each of 10litre capacity, filled with Coares, River sand and painted in red with white letters. Note :- Drawing approval may be obtained before fabrication work."							
80	80	2.00	Numbers	2269.00	4538.00	AT Par	4538.00	Rs.
	Description:- Providing and fixing of 6kG DCP type fire extinguisher Cofirming to IS 28781976 complete with discharge swivel bend , horn & hose, screwed valve, mounting bracket and cylinderfully charged.							
81	81	1.00	Numbers	2888.00	2888.00	AT Par	2888.00	Rs.
	Description:- Supply of earth discharge rod with suitable length of flexible copper wire for earthing							
82	82	1.00	Numbers	2888.00	2888.00	AT Par	2888.00	Rs.
	Description:- Supply of fuse link rod of suitable length for fixing and removing of DO fuses							
83	83	1.00	Numbers	773.00	773.00	AT Par	773.00	Rs.
	Description:- Supply of First Aid Box [FAB] containing medicine as presdribed by St.john ambulance Brigade of indian re cross society Confirming to IS:-2217-1963							
84	84	1.00	Numbers	2372.00	2372.00	AT Par	2372.00	Rs.
	Description:- Artificial Resuscitator in a portable case ready for use with adult face piece							
85	85	1.00	Numbers	1031.00	1031.00	AT Par	1031.00	Rs.
	Description:- Shock treatment chart duly framed and written in englih, Hindi & Regional language.							
86	86	2.00	Pair	515.00	1030.00	AT Par	1030.00	Rs.
	Description:- Supply of 15kV grade rubber hand gloves pair of 15" size as per IS :4770-1991.							
87	87	8.00	Numbers	309.00	2472.00	AT Par	2472.00	Rs.
	Description:- Supply and fixing of Danger Board suitable for 11 KV /22 KV/33 KV systems, as per IS.No: 2551, along with one number of clamp made out of 25mm X 4 mm size including bolts & nuts for fixing on structures and painting							
88	88	14.00	Numbers	18834.00	263676.00	AT Par	263676.00	Rs.
	Description:- Supply, erection and testing of earthing arrangements duly stencilling of earth resistance value along with date as per drawing number CEE/CN/MS/37-2004 with Cast Iron pipe of 100 mm diameter, LA class, including supply and spreading of 10 kgs in each of salt and charcoal for earth treatment							
89	89	4.00	Numbers	28366.00	113464.00	AT Par	113464.00	Rs.
	Description:- Supply and Installation of earthing arrangements as per RDSOSpecification No. RDSO/SPN/197/2008 or latest							
90	90	2.00	Numbers	11573.00	23146.00	AT Par	23146.00	Rs.
	Description:- "HT Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required. Note :- 1) The work has to be done as per the drawing enclosed. 2) Drawing Approval may be obtained before Commerncent of work. "							
	91	40.00	Metre	134.00	5360.00	AT Par	5360.00	Rs.

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

91	Description:- Supply, fixing and laying of 6SWG copper wire for earthing purpose on structures/ground as instructed by the Engineer-in-charge							
92	92	130.00	Metre	464.00	60320.00	AT Par	60320.00	Rs.
92	Description:- Supply, fabrication and laying of 50mmx6mm GI flat for earthing purpose as per relevant standard and as instructed by the Engineer-in-charge							
93	93	6.00	Numbers	2063.00	12378.00	AT Par	12378.00	Rs.
93	Description:- Supply and spreading of chequered electrical rubber mat of 2 m long and 1.0 m wide and 12 mm thick to withstand 40 kV(rms) as per IS No: 5424							
94	94	5.00	Numbers	670.00	3350.00	AT Par	3350.00	Rs.
94	Description:- Supply and fixing of Protected area Board of Size 750X300X1.6mm as per Drawing No.EERE/TSS/16-Enamel type							
95	95	1.00	Numbers	3094.00	3094.00	AT Par	3094.00	Rs.
95	Description:- Provision of printing the substation Electrical Drawing in the viniyal (Approx. Size 6 X 4 feet) and same has to be fixed in the suitable location as directed at site Engineer.							
96	96	12.00	Metre	1194.00	14328.00	AT Par	14328.00	Rs.
96	Description:- Fabrication, supply and fixing of MS Channels of size 75 x 40 x 3.7 mm (web) including fixing clamps, bolts and nuts and painting with two coats of primer zinc chromate paint and aluminium paints							
97	97	16.00	Metre	1388.00	22208.00	AT Par	22208.00	Rs.
97	Description:- Fabrication, supply and fixing of MS Channels of size 100 x 50 x 4.0 mm (web) including fixing clamps, bolts and nuts and painting with two coats of primer zinc chromate paint and aluminium paints.							
98	98	1.00	Numbers	1662788.00	1662788.00	AT Par	1662788.00	Rs.
98	Description:- "Design, fabrication, supply, erection, testing and commissioning of medium voltage main distribution board (Non Essential) with the followings Incoming 1) 2 Nos of 630A, 50kA ACB motorised with Electrically Draw-out Type, Microprocessor Based SR18G (Similar to L&T Model No. SL96071) with mechanical inter lock. Outgoing 1) 1 Nos. of MCCB 4 Pole 400A, 36kA similar to L&T Model No. L&T Model No. CM930030000X1 with Microprocessor Based, adjustable over load, adjustable Short circuit 2) 4 Nos. of MCCB 4 Pole 250A, 36kA similar to L&T Model No. CM921510000X1 with Microprocessor Based, adjustable over load, adjustable Short circuit 3) 3Nos. of MCCB 4 Pole 100A, 25kA similar to L&T Model No. CM9171200KOOG with Thermal Magnetic Release, adjustable over load, adjustable Short circuit 4) 3 phase KWH meters (L&T model WL4000100000 or similar) -2 Nos., 5) 3 phase Digital Voltmeters (L&T model WL1320100000 or similar) - 2 Nos., 6) 3 phase Digital Ammeters (L&T model WL1310100000 or similar)- 2Nos., 7) Earth Fault Relay (similar to L&T Model MC12) -2Nos., 8) Suitable length of electrolytic copper busbar of 60mm x 10mm (main) and other standard fittings as per enclosed detailed specifications and relevant IS Note:- 1) Approximate size of the panel - 3000mm x 2000mm x 1000 (L x H x D) 2) Panel depth of 1000mm may be provided for ACB side 3) All MCCB has to be fixed with Ground fault protection arrangements, Spreader & ROM"							
99	99	1.00	Numbers	751138.00	751138.00	AT Par	751138.00	Rs.
99	Description:- "Design, fabrication, supply, erection, testing and commissioning of medium voltage main distribution board (Essential) with the following Incoming : 1) 1 No. of 4 pole 315A on load change over switch similar to L&T Model No. CO331500000. 2) 2Nos. of MCCB 4 Pole 400A, 36kA similar to L&T Model No. CM9840300ROOG with Thermal Magnetic Release, adjustable over load, adjustable Shortcircuit. Mechanical interlocking has to be provided between the said MCCB Outgoing 1) 3Nos. of MCCB 4 Pole 160A, 25kA similar to L&T Model No. CM9064200MO with Thermal Magnetic Release, adjustable over load, adjustable Shortcircuit 2) 3Nos. of MCCB 4 Pole 100A, 25kA similar to L&T Model No. CM9171200KOOG with Thermal Magnetic Release, adjustable over load, adjustable Shortcircuit. 3) 4Nos. of MCCB 4 Pole 63A, 25kA similar to L&T Model No. CM9171200HOOG with Thermal Magnetic Release, adjustable over load, adjustable Shortcircuit 4) 3 phase KWH meters (L&T model WL4000100000 or similar) -2 Nos., 5) 3 phase Digital Voltmeters (L&T model WL1320100000 or similar) - 2 Nos., 6) 3 phase Digital Ammeters (L&T model WL1310100000 or similar)- 2Nos., 7) Suitable length of electrolytic copper busbar of 40 x10mm (main) and other standard fittings conforming to enclosed detailed specifications and relevant IS,Note:- 8) Approximate size of the panel - 2600mm x 2000mm x 500mm (L x H x D)"							
100	100	2.00	Numbers	278505.00	557010.00	AT Par	557010.00	Rs.
100								

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

100	Description:- "Design, fabrication, supply, erection, testing and commissioning of medium voltage main distribution board with the following Incoming : 1) 1Nos. of MCCB 4 Pole 250A, 36kA similar to L&T Model No. CM92109OOP1OG with Thermal Magnetic Release, adjustable over load, adjustable Shortcircuit. Outgoing 1) 3Nos. of MCCB 4 Pole 100A, 25kA similar to L&T Model No. CM91712OOKOOG with Thermal Magnetic Release, adjustable over load, adjustable Shortcircuit 2) 3Nos. of MCCB 4 Pole 63A, 25kA similar to L&T Model No. CM91712OOHOOG with Thermal Magnetic Release, adjustable over load, adjustable Shortcircuit. 3) Multifunction meter similar to L&T model WL440521OOOO - 1 Nos., 4) Suitable length of electrolytic copper busbar of 40 x10mm (main) 5) Indication lamp for 3 phase - 1 set 6) Approximate size of the panel - 1600mm x 1500mm x 500mm (L x H x D) and other standard fittings conforming to enclosed detailed specifications and relevant IS, "							
	101	300.00	Metre	35.00	10500.00	AT Par	10500.00	Rs.
101	Description:- Supply, laying and provision of 6 SWG GI wire as earth continuity including termination							
102	102	26.00	cum	138.00	3588.00	AT Par	3588.00	Rs.
	Description:- Supply and laying of country bricks of size 200mm X 100mm X 50mm (width wise) in an approved manner							
103	103	35.00	cum	8180.00	286300.00	AT Par	286300.00	Rs.
	Description:- Providing Brick work (In width 250mm or Less) in cement Mortar for masonry open cable trenches, fencing Kerb wall.							
104	104	180.00	Sqm	153.00	27540.00	AT Par	27540.00	Rs.
	Description:- Providing 12mm thick Cement plastering for masonry open trenches, fencing kerb wall, brick foundation etc.,							
105	105	5.00	cum	6625.00	33125.00	AT Par	33125.00	Rs.
	Description:- supply and provision of 100mm thick Concrete for base flooring of masonry open trench and instructed by Engineer in charge with 1:3:6 ratio using 20mm blue metal							
106	106	30.00	Sqm	715.00	21450.00	AT Par	21450.00	Rs.
	Description:- Providing and laying of 50mm thick RCC slab in suitable size with 10mm MS rod Reinforcement 100mm C/C metal etc., for covering the open cable duct out side.							
107	107	300.00	Numbers	72.00	21600.00	AT Par	21600.00	Rs.
	Description:- Fabrication, supply and fixing of clamps of various sizes made out of MS flat of 25x3mm size including painting suitable for clamping/fixing of GI pipe/LTUG cable on walls of buildings/sheds, shelter etc. using bolts and nuts of suitable sizes							
108	108	200.00	Metre	1100.00	220000.00	AT Par	220000.00	Rs.
	Description:- "Supply and erection of 300 x 50mm size 14 SWG GI perforated tray for cable laying with Suitable fixing Arrangements As directed by Site Engineer. Preferable Makes :- JSW, ESSAR, TATA or any other reputed madek Note:- 1) The scope of work includes supply and fixing of suitable length & size of thread rods and strut channels etc.,,"							
109	109	40.00	Metre	1429.00	57160.00	AT Par	57160.00	Rs.
	Description:- "Supply and Three phase wiring by means of 4 nos. of 10.0 Sq.mm (P&N) and 1No. of 16.0Sq.mm (Earth) size Flame Retardant Low Smoke & Halogen (FR- LSH) PVC insulated single core multistranded flexible copper cable with ISI mark of approved make with coded color for Three Phases, Neutral and Earth Respectively through already erected PVC casing and capping or pipes, junction boxes, distribution boards etc., "							
110	110	40.00	Metre	2337.00	93480.00	AT Par	93480.00	Rs.
	Description:- Supply and wiring to pre-Cooling Plug socket by means of 4 Runs of Flame Retardant (FR) PVC insulated single core multistranded flexible copper cable of size 25 sq.mm drawn through 50mm dia PVC pipe including clamping of PVC pipe along the rail post/PF Shelter/Pillar with suitable MS painted fixing hardware (1m = 4 Runs of 25 Sq.mm copper wire)							
111	111	2.00	Numbers	295000.00	590000.00	AT Par	590000.00	Rs.
	Description:- "Design, fabrication, supply, erection, testing and commissioning of 14 SWG, Outdoor, Double door type medium voltage main distribution board (Non Essential & Essential) with the followings Incoming 1) 1 Nos. of MCCB 4 Pole 250A, 36kA similar to L&T Model No. CM92109OOP1OG with Thermal Magnetic Release, adjustable over load, adjustable Short circuit. Outgoing 1) 3Nos. of MCCB 4 Pole 100A, 36kA similar to L&T Model No. DZ1F0100DXD1A with Thermal Magnetic Release, adjustable over load, adjustable Short circuit 2) 2Nos. of MCCB 4 Pole 63A, 36kA similar to L&T Model No. DZ1F0063DXD1A with Thermal Magnetic Release, adjustable over load, adjustable Short circuit 4) 3 phase KWH meters (L&T model WL400010OOOO or similar) -2 Nos., 5) 3 phase Digital Voltmeters (L&T model WL132010OOOO or similar) - 2 Nos., 6) 3 phase Digital Ammeters (L&T model WL131010OOOO or similar)- 2Nos., 7) Earth Fault Relay (similar to L&T Model MC12) -6Nos., 8) Suitable length of electrolytic copper busbar of 50mm x 6mm (main) and other standard fittings as per relevant IS Note:- 1) Approximate size of the panel - 1500mm x 1500mm x 350mm (L x H x D) 2) All MCCB has to be fixed with Ground fault protection arrangements, Spreader & ROM"							
	112	1.00	Numbers	5615.00	5615.00	AT Par	5615.00	Rs.

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

112	Description:- "Supply at site and fixing of Transparent/Opaque type Poly carbonate box similar to model No.Mi 0100/Mi 0101 fitted with the followings 1) 63A 4 Way connector - 1Nos. "							
113	113	1.00	Numbers	12383.00	12383.00	AT Par	12383.00	Rs.
	Description:- "Supply at site, erection, testing and commissioning of wall mounting metallic, 1-phase, double door, MCB Distribution Board 12way Similar to L&T Model No. DBSPN012DDS, powder coated with the supply and fixing of the following, In Coming DP MCB - 40Amps - 1Nos. DP ELCB-100mA, 40Amps - 1Nos. Out Going SP MCB of 6A to 32A - 8 Nos. of as outgoing including internal wiring connection, with earthing / neutral link, din channel complete with all accessories. Copper lugs shall be used for termination of wire in MCB'S and Aluminium sockets for cables termination and plastering and finishing to original level as directed by Engineer In charge. Note :- 1) Makes of MCB / ELCB is L&T / Legrand / ABB / Siemens."							
114	114	10.00	Metre	43.00	430.00	AT Par	430.00	Rs.
	Description:- Supply and Fixing of 0.75 Sq,mm 3Core Copper wire for wiring from Controlling switch to street light fittings							
115	115	1.00	Numbers	3000.00	3000.00	AT Par	3000.00	Rs.
	Description:- Supply and fixing of 150mm sweep size BLDC Exhaust fan on the suitable location with clamps including construction of hole on the wall as directed by site Engineer.							
116	116	3.00	Numbers	2447.00	7341.00	AT Par	7341.00	Rs.
	Description:- "Supply & Fixing of 25W LED street light fittings on the Octagonal Poles/Rail Poles/Wall of the building with suitable GI pipe and clamps if necessary. GI pipe has to be bend as directed at site including wiring arrangements/Point wiring to the fittings. "							
117	117	1.00	Numbers	700.00	700.00	AT Par	700.00	Rs.
	Description:- "Supply and concealing of sheet metal boxes with 12-way module along with modular frame & plate including plastering and finishing to original level. Preferable makes:- Legrand, ABB, L&T, C&S, Crabtree or any other reputed makes."							
118	118	40.00	Metre	60.00	2400.00	AT Par	2400.00	Rs.
	Description:- "Supply and laying of ISI marked medium duty PVC Rigid wiring Conduit of 25mm Dia & Wall thickness 1.6mm+/-0.2mm for Concealed Wiring including, tees, bends, junction boxes etc.,, plastering and finishing to original level. "							
119	119	11.00	Numbers	600.00	6600.00	AT Par	6600.00	Rs.
	Description:- Supply and wiring to light/fan points by means of by means of 2 nos. of 1.5 Sq.mm (P&N) and 1 No. of 2.5Sqmm (Earth) size Flame Retardant Low Smoke & Halogen (FR- LSH) PVC insulated single core multistranded flexible copper cable with ISI mark of approved make with coded color for Phase, Neutral & Earth through already erected PVC casing and capping or pipes, junction boxes, distribution boards etc., and including supply and fixing of modular type 1way controlling switches 6A on the already erected boards/boxes including supply and fixing of PVC round block, PVC angle holder/Ceiling rose							
120	120	2.00	Numbers	26185.00	52370.00	AT Par	52370.00	Rs.
	Description:- "Supply, erection, testing and commissioning of Octagonal poles of 4 m high with decorative Single arm, Top dia 70mm, Bottom dia 130mm, sheet thickness 3mm, with suitable casting of cement concrete foundation & muffing Including Supply,fixing of 40W to 50W LED Street light and wiring to the LED Fittings. Note :-Drawing to be submitted for approval before fabrication of Octagonal poles."							
121	121	2.00	Numbers	22000.00	44000.00	AT Par	44000.00	Rs.
	Description:- "Supply, erection, testing and commissioning of Octagonal poles of 4 m high (without bracket), Top dia 70mm, Bottom dia 130mm, sheet thickness 3mm, with suitable casting of cement concrete foundation & muffing Including wiring to the LED Fittings. Note :-Drawing to be submitted for approval before fabrication of 4m Octagonal poles."							
122	122	2.00	Numbers	1031.00	2062.00	AT Par	2062.00	Rs.
	Description:- "Supply and Fixing of C Channel of Approx. size 70x40x5x7 mm with 800mm length (Two Way Cross Arm Complete) with Suitable Fixing Arrangements. Note :- Said C channel (Two way Coss Arm) has be fixed on the Octagonal poles as directed by site Engineer in charge. "							
123	123	4.00	Numbers	7013.00	28052.00	AT Par	28052.00	Rs.
	Description:- Supply and fixing of 80W flood type LED type luminaire on the already erected Dwarf rail poles / 2 way cross arms of Octagonal poles.							
124	124	2.00	Numbers	4157.00	8314.00	AT Par	8314.00	Rs.
	Description:- "Supply at site and fixing of Transparent/Opaque type Poly carbonate box Similar to model No. KG 9003/KG 9003 IN fitted with the followings 1) 100A 4 Way connector - 1Nos."							
125	125	18.00	Metre	54.00	972.00	AT Par	972.00	Rs.
	Description:- Supply and Fixing of 1.0 Sq,mm 3Core Copper wire for wiring from Controlling switch to street light fittings							
126	126	250.00	Kg	243.00	60750.00	AT Par	60750.00	Rs.
126								

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

127	Description:- Steel work in build up tubular trusses including cutting hoisting, fixing, fixing in position and applying priming coat approved steel primer, and two coats of enamel paint, welded and bolted including special shaped washers etc. Complete Hot finished welded type tubes							
127	127	40.00	Sqm	1110.00	44400.00	AT Par	44400.00	Rs.
	Description:- Supply and installation of pre-coated galvanised iron profile sheets as per specification							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or 'V' which ever 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 Appendix-J, 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)
2	Statement showing Annual Contractual Turnover Data (as per Annexure - J of Tender Document) for the Previous 3/4 Years (Contractual Payment only) supported by Audited Balance Sheet duly certified by the Chartered Accountant shall be enclosed alongwith the bid. Non-submission of the same by the bidder shall result in summarily rejection of his/their bid	No	No	Allowed (Mandatory)

Special 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: 1. Three similar works each costing not less than the amount equal to 30% of advertised value, or 2. Two similar works each costing not less than the amount equal to 40% of advertised value or 3. One similar work each costing not less than the amount equal to 60% of advertised value Note: Separate completed works of minimum required values for each component can also be considered for fulfillment of technical eligibility criteria for different components. *Similar Single work is defined as "Works involving supply, installation, testing and commissioning of outdoor/indoor substation equipments of 11kV or above voltage".	No	No	Allowed (Mandatory)
2	The tenderer shall submit along with the tender document, documents in support of his/their claim to fulfill the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/certificates in support of credentials, submitted by the tenderer, shall be self-attested/digitally signed by the tenderer or authorized representative of the tendering firm. Self-attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as "documents supporting the claim of qualifying the laid down eligibility criteria" will be considered for evaluating his/their tender. Note- The tenderer shall attach a summary of documents submitted for satisfying the eligibility criteria either duly self attested or digitally signed	No	No	Allowed (Mandatory)

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.

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

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

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

S.No.	Description
1	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	The Supply of Goods and Services would be subject to GST Act and Rules applicable from time to time.	Yes	No	Not Allowed
2	I/We have read the various conditions to tender in the attached tender document and agree to abide by the said conditions.	Yes	No	Not Allowed
3	I/We agree to keep this tender open for acceptance for a period of 45 days from the date of closing of this tender and in default thereof I/We will be liable for forfeiture of my/our Bid Security. I/We offer to do the work for Railway, at the rates quoted in the attached Schedule and hereby bind myself/ourselves to complete the works in all respects.	Yes	No	Not Allowed
4	I/We also hereby agree to abide by the updated Regulations of Tenders and Contracts and General Conditions of Contract issued by the Engineering Department of Indian Railways along with correction slips issued from time to time and to carryout the work according to the Special Conditions of Contract and specifications of materials and works as laid down by Railway in the Annexed Special Conditions / Specifications, Schedule of Work for the present contract.	Yes	No	Not Allowed

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

5	All rates quoted in the tenders shall be deemed to be inclusive of CGST, SGST, IGST etc., payable by the contractor to the Government or any public body and no additional amount/rate or claim will be entertained on this account by the Railways. Also no claim whatsoever will be accepted by Railways on account of revision of tax rates, new taxes of statutory nature by State/Central Govt.	Yes	No	Not Allowed
6	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 shall go through the entire tender documents thoroughly and strictly adhere the instructions and directions given at different pages.	No	No	Not Allowed
2	Deployment of Qualified Engineers at Work Sites by the Contractor - The Contractor shall employ 1 No. of qualified Graduate Engineer for works Rs. 200 Lakh or more and 1 No. of Diploma Engineer for works costing more than Rs. 25 Lakh, but less than Rs 200 Lakh	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Before quoting the rates for schedule items, the Schedule shall be read in conjunction with its explanatory notes for detailed description of various items included therein.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	In case of other than Company/Proprietary firm, Appendix-K shall be submitted by each member of a Partnership Firm/Joint Venture (JV)/Hindu Undivided Family (HUF)/ Limited Liability Partnership (LLP) etc. as the case may be. Non submission of above certificate by the bidder shall result in summarily rejection of his/their bid	No	No	Allowed (Mandatory)
2	Electrical License: The work shall only be carried out by the contractor having valid Electrical contractor license issued by the Government of Tamil Nadu / Kerala /Karnataka / any other State for carrying out the installation work of the voltage class involved. Copy of the Electrical Contractor License shall be submitted online along with the bid. Non-submission of same by the bidder shall result in summarily rejection of his/their bid	Yes	Yes	Allowed (Mandatory)
3	The contractor shall make arrangements for inspection of materials by RITES for schedule items whose total value cost Rs. 5 lakh or more and submit the inspection certificates and submit the inspection certificates (Authority: Railway Board Letter Number 2000/RS(G)/379/2 dated 06-09-2017). Inspection fee due to RITES to be paid by the contractor.	Yes	Yes	Allowed (Optional)
4	List of similar works completed in the last three financial years giving description of work, organization for whom executed, approximate value of contract at the time of award, date of award and date of scheduled completion of work. Date of actual start, actual completion and final value of contract shall also be furnished. For the items mentioned above, supportive documents / certificates from the organizations with whom the Contractor has worked / are working shall be enclosed. NOTE:- Certificates from private individuals for who such works are executed / being executed will not be accepted.	Yes	Yes	Allowed (Optional)

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

5	The Railway reserve the Right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the Railway, make available all such information, evidence and documents as may be necessary for such verification or lack of such verification, by the railway shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the railway thereunder. (RB letter No.2017/Trans/01/Policy dated 08.02.2018)	Yes	No	Not Allowed
6	In case of any wrong information submitted by the tenderer, the contract shall be terminated, Bid Security, Performance Guarantee (PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on entire Indian Railways for 2 (Two) Years. (RB letter No.2022/CE-I/CT/GCC-2022/Policy, dated 07.08.2023).	Yes	No	Not Allowed
7	General Conditions of Contract-April-2022 and its correction slips from time to time will be applicable for this contract. The work should be carried out as per the terms and conditions available in the tender document.	Yes	Yes	Not Allowed

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Bank Account details As per Appendix-B of Tender Document	Yes	No	Allowed (Optional)
2	The tenderer shall clearly specify whether the tender is submitted on his own or on behalf of a partnership concern. If the tender is submitted on behalf of a partnership concern, he should submit the certified copy of partnership deed along with the tender and authorization to sign the tender documents on behalf of partnership firm. If these documents are not enclosed along with tender documents, the tender will be treated as having been submitted by individual signing the tender documents. The Railway will not be bound by any power of attorney granted by the tenderer or by changes in the composition of the firm made subsequent to the execution of the contract.	Yes	Yes	Allowed (Optional)
3	The bidder shall declare in the remark's column that "I am neither a Retired Railway Employee nor employed any Retired Railway Employee in my firm/company nor do not have any Retired Railway Employee as my partner/director in my firm/company" if no retired Engineer or retired Gazetted Officer is associated with the tenderer. Or If any retired Railway Employee is employed/have partnership then the Contractor shall abide by the instructions contained in the Clause No.16 of Annexure I of Part I and Clause No. 59(9) of Part II of Indian Railways Standard General Conditions of Contract, April-2022 Tenders without the information above referred to will be summarily rejected	Yes	Yes	Allowed (Mandatory)
4	The tenderer should provide EPF Registration details as per the format at Appendix-C of the tender document.	Yes	Yes	Allowed (Optional)
5	List of Personnel, Organization available on hand and proposed to be engaged for the subject work.	Yes	Yes	Allowed (Optional)
6	List of Plant & Machinery available on hand (own) and proposed to be inducted (own and hired to be given separately) for the subject work	Yes	Yes	Allowed (Optional)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	GeneralConditionsofContractGCC-April-2022.pdf	GCC April 2022
2	TenderDocument-KGQ11kVSubstationPSA.pdf	Tender Document

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017,

**PALAKKAD DIVISION-ELECTRICAL/SOUTHERN RLY
TENDER DOCUMENT**

Tender No: J-E-09-2026-27-W

Closing Date/Time: 02/07/2026 11:00

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: SHAILENDRA KUMAR

Designation : Sr.DEE/GS/PGT