

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

Tender No: ME-29-II-1095-2026

Closing Date/Time: 03/07/2026 15:00

Sr. DEE/G/MAS acting for and on behalf of The President of India invites E-Tenders against Tender No **ME-29-II-1095-2026** Closing Date/Time 03/07/2026 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	Chennai Division-Electrical arrangements for various works as per (List of Works Enclosed)		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	03/07/2026 15:00	Date Time Of Uploading Tender	12/06/2026 12:08
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	4834933.00	Tendering Section	WORKS
Bidding Style	Single Rate for Each Schedule Item	Bidding Unit	
Earnest Money (Rs.)	96700.00	Validity of Offer (Days)	63
Tender Doc. Cost (Rs.)	0.00	Period of Completion	90 Days
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	19/06/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () 01-ELECTRIFICATION WORKS (NOTE:-(1) THE UNIT RATE TO BE QUOTED SHOULD BE INCLUSIVE OF ALL TAXES AND GST APPLICABLE FROM TIME TO TIME. (2) GST RULES WILL APPLY FOR THE E-TENDER. (3) THE SUPPLY OF GOODS AND SERVICE WOULD BE SUBJECT TO GST ACT AND RULES APPLICABLE FROM TO TIME. (4) For materials of purchase value Rs.5 lakhs and above, inspection shall be done by third party i.e. M/s. RITES and all expenditure in connection with the inspection shall be borne by the tenderer/Contractor . For ISI marked products, if the order is placed on ISI certified manufacturers, the materials can be accepted on firm's WTC.6) Please refer to clause number 9 in General instructions to tenderers attached in Documents Section regarding Site Engineer condition 7)All accessories and items required for successful erection/installation ,testing, commissioning of all schedule items as per site conditions is covered under contractor's scope of work 8)All items required for all schedule items where wiring and cabling is to be terminated at both incoming ends for successful installation/erection, testing and commissioning commissioning is covered under contractors scope of work.								4834933.00
01	01	2760.00	cum	211.00	582360.00	AT Par	582360.00	Above/ Below/P ar
	Description:- a)Excavation of Cable trench in all kinds of soils duly removing all obstructions in the way of cable trench, dumping at embankment site within railway land complete as per specification enclosed and in a manner as directed by the Section Engineer in charge at site. NOTE: The Section Engineer, in charge at site, will indicate the route of cable trench. b)Re-filling of trench with excavated earth, ramming, consolidation and bringing back the surface to original condition complete in a manner as directed by the Section Engineer in charge at site.							
02	02	246.00	cum	510.00	125460.00	AT Par	125460.00	Above/ Below/P ar
	Description:- Demolishing plain cement concrete in platform or elsewhere, disposal of material atleast 6m away from track centre within railway land by saw cutting/breaker as per site conditions to avoid any damage to nearby site complete in a manner as directed by the Section Engineer in charge at site.							

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03	03	246.00	cum	5347.00	1315362.00	AT Par	1315362.00	Above/ Below/P ar
	Description:- Supply and provision of mass concrete for platforms or elsewhere with 1:2:4 ratio using 20mm graded blue metal complete in a manner as directed by the Section Engineer in charge at site. NOTE: i)Cement shall be Ordinary Portland Cement, 43 grade, conforming to IS: 456 or latest. ii)Proper compaction of cement concrete shall be ensured as per standard industrial practices. iii)The finished level should match with surface level properly							
04	04	500.00	Metre	171.00	85500.00	AT Par	85500.00	Above/ Below/P ar
	Description:- Supply of 4 core 25 sq. mm ISI Marked cross linked polyethylene [XLPE] insulated, PVC outer sheathed, armoured with galvanized round steel wire or steel strip cable with aluminium conductor suitable for rated voltage of 1100 volts grade and conforming to IS:7098 (pt-1)/1988 with amdt.1, 2, 3 (reaffirmed 2005) or latest and Laying/leading of the same in the excavated trench, cable tray, threading through pipe, clamping on walls terminating in as many ends using suitable single compression cable glands and sockets complete in a manner as directed by Section Engineer in charge at site. Note: Cable shall be supplied by the OEM or their authorized dealers duly producing dealership certificate. All Cables shall be accepted only with NABL/WTC test certificates. All NABL/WTC test certificates for cables must include the following details (i) Batch No/Drum No/Lot No/Serial No of the tested cable (ii) LOA/Agreement No as reference with railway mentioned as the consignee/customer. (iii) The WTC should be issued on the official letter head of the manufacturer (OEM).Additionally ,documents supporting the purchase of materials from an ISI certified manufacturer should be submitted along with the materials.							
05	05	1000.00	Metre	511.00	511000.00	AT Par	511000.00	Above/ Below/P ar
	Description:- Supply of 4 core 95 sq. mm ISI Marked cross linked polyethylene [XLPE] insulated, PVC outer sheathed, armoured with galvanized round steel wire or steel strip cable with aluminium conductor suitable for rated voltage of 1100 volts grade and conforming to IS:7098 (pt-1)/1988 with amdt.1, 2, 3 (reaffirmed 2005) or latest and Laying/leading of the same in the excavated trench, cable tray, threading through pipe, clamping on walls terminating in as many ends using suitable single compression cable glands and sockets complete in a manner as directed by Section Engineer in charge at site. Note: Cable shall be supplied by the OEM or their authorized dealers duly producing dealership certificate. All Cables shall be accepted only with NABL/WTC test certificates. All NABL/WTC test certificates for cables must include the following details (i) Batch No/Drum No/Lot No/Serial No of the tested cable (ii) LOA/Agreement No as reference with railway mentioned as the consignee/customer. (iii) The WTC should be issued on the official letter head of the manufacturer (OEM).Additionally ,documents supporting the purchase of materials from an ISI certified manufacturer should be submitted along with the materials.							
06	06	500.00	Metre	21.00	10500.00	AT Par	10500.00	Above/ Below/P ar
	Description:- Laying/leading of 4 core 16 sq.mm LTUG Aluminium cable in the excavated trench, threading through pipe, clamping on walls and terminating in as many ends using suitable single compression cable glands, lugs , sockets and other items required complete as per site conditions in a manner complete as directed by Section Engineer in charge at site. Note:- 4Cx16 sq.mm LTUG Aluminium Cable alone will be supplied departmentally.							
07	07	3200.00	Metre	21.00	67200.00	AT Par	67200.00	Above/ Below/P ar
	Description:- Laying/leading of 4 core 25 sq.mm LTUG Aluminium cable in the excavated trench, threading through pipe, clamping on walls and terminating in as many ends using suitable single compression cable glands, lugs , sockets and other items required complete as per site conditions in a manner complete as directed by Section Engineer in charge at site. Note:- 4Cx25 sq.mm LTUG Aluminium Cable alone will be supplied departmentally.							
08	08	1300.00	Metre	30.00	39000.00	AT Par	39000.00	Above/ Below/P ar
	Description:- Laying/leading of 4 core 35 sq.mm LTUG Aluminium cable in the excavated trench, threading through pipe, clamping on walls and terminating in as many ends using suitable single compression cable glands, lugs , sockets and other items required complete as per site conditions in a manner complete as directed by Section Engineer in charge at site. Note:- 4Cx35 sq.mm LTUG Aluminium Cable alone will be supplied departmentally.							
09	09	2000.00	Metre	30.00	60000.00	AT Par	60000.00	Above/ Below/P ar

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09	Description:- Laying/leading of 4 core 50 sq.mm LTUG Aluminium cable in the excavated trench, threading through pipe, clamping on walls and terminating in as many ends using suitable single compression cable glands, lugs , sockets and other items required complete as per site conditions in a manner complete as directed by Section Engineer in charge at site. Note:- 4Cx50 sq.mm LTUG Aluminium Cable alone will be supplied departmentally.							
10	10	1500.00	Metre	35.00	52500.00	AT Par	52500.00	Above/ Below/P ar
	Description:- Laying/leading of 4 core 70 sq.mm LTUG Aluminium cable in the excavated trench, threading through pipe, clamping on walls and terminating in as many ends using suitable single compression cable glands, lugs , sockets and other items required complete as per site conditions in a manner complete as directed by Section Engineer in charge at site. Note:- 4Cx70 sq.mm LTUG Aluminium Cable alone will be supplied departmentally.							
11	11	675.00	Metre	27.00	18225.00	AT Par	18225.00	Above/ Below/P ar
	Description:- Laying/leading of 4 core 95 sq.mm LTUG Aluminium cable in the excavated trench, threading through pipe, clamping on walls and terminating in as many ends using suitable single compression cable glands, lugs , sockets and other items required complete as per site conditions in a manner complete as directed by Section Engineer in charge at site. Note:- 4Cx95 sq.mm LTUG Aluminium Cable alone will be supplied departmentally.							
12	12	500.00	Metre	71.00	35500.00	AT Par	35500.00	Above/ Below/P ar
	Description:- Supply and Laying of 50 mm dia ISI Marked High Density Polyethylene pipes of material grade PE-100 and with Pressure rating of 6.0 P.N conforming to IS: 4984 / 1995 or latest in the excavated trench, clamping on walls / Steel members of platform shelter or elsewhere using suitable GI fixing arrangements and couplers and other accessories required at appropriate locations as per site conditions so that cable can be easily inserted and removed wherever need arises complete in a manner as directed by Senior Section Engineer-incharge at site.							
13	13	700.00	Metre	102.00	71400.00	AT Par	71400.00	Above/ Below/P ar
	Description:- Supply and Laying of 63 mm dia ISI Marked High Density Polyethylene pipes of material grade PE-100 and with Pressure rating of 6.0 P.N conforming to IS: 4984 / 1995 or latest in the excavated trench, clamping on walls / Steel members of platform shelter or elsewhere using suitable GI fixing arrangements and couplers and other accessories required at appropriate locations as per site conditions so that cable can be easily inserted and removed wherever need arises complete in a manner as directed by Senior Section Engineer-incharge at site.							
14	14	3200.00	Metre	23.00	73600.00	AT Par	73600.00	Above/ Below/P ar
	Description:- Laying of 50 mm dia High Density Polyethylene pipes in the excavated trench, clamping on walls / Steel members of platform shelter or elsewhere using suitable GI fixing arrangements and couplers and other accessories required at appropriate locations as per site conditions so that cable can be easily inserted and removed wherever need arises complete in a manner as directed by Senior Section Engineer-in-charge at site. Note: 50mm dia HDPE pipe alone will be supplied departmentally.							
15	15	3300.00	Metre	24.00	79200.00	AT Par	79200.00	Above/ Below/P ar
	Description:- Laying of 63 mm dia High Density Polyethylene pipes in the excavated trench, clamping on walls / Steel members of platform shelter or elsewhere using suitable GI fixing arrangements and couplers and other accessories required at appropriate locations as per site conditions so that cable can be easily inserted and removed wherever need arises complete in a manner as directed by Senior Section Engineer-in-charge at site. Note: 63mm dia HDPE pipe alone will be supplied departmentally.							
16	16	2200.00	Metre	27.00	59400.00	AT Par	59400.00	Above/ Below/P ar
	Description:- Laying of 110 mm dia High Density Polyethylene pipes in the excavated trench, clamping on walls / Steel members of platform shelter or elsewhere using suitable GI fixing arrangements and couplers and other accessories required at appropriate locations as per site conditions so that cable can be easily inserted and removed wherever need arises complete in a manner as directed by Senior Section Engineer-in-charge at site. Note: 110mm dia HDPE pipe alone will be supplied departmentally.							

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17	17	14.00	Numbers	5947.00	83258.00	AT Par	83258.00	Above/ Below/Par
	Description:- Supply, Installation, Testing and Commissioning of the LT Earthing arrangements duly by excavating/ auguring of earth pit in all kinds of soil/concrete surface or elsewhere, construction of masonry earth pit enclosure, provision of cover etc., complete including supply / leading / laying / burying and concealing of GI strip 32 X 6 mm along with proper sleeve from earth electrode to proposed MDB / SDB or elsewhere and in a manner as directed by Senior Section Engineer in charge at site. Note: Masonry earth pit enclosure and cover shall be as per drawing number EL/P/TYPE/1022.							
18	18	36.00	Numbers	1180.00	42480.00	AT Par	42480.00	Above/ Below/Par
	Description:- Installation, Testing and Commissioning of the LT Earthing arrangements duly by excavating/ auguring of earth pit in all kinds of soil/concrete surface or elsewhere, construction of masonry earth pit enclosure, provision of cover etc, complete including supply / leading / laying / burying and concealing of GI strip 32 X 6 mm along with proper sleeve from earth electrode to proposed MDB / SDB or elsewhere and in a manner as directed by Senior Section Engineer in charge at site. Note: 1) Masonry earth pit enclosure and cover shall be as per drawing number EL/P/TYPE/1022. 2) LT Earthing Electrode alone will be supplied Departmentally.							
19	19	90.00	Metre	32.00	2880.00	AT Par	2880.00	Above/ Below/Par
	Description:- Drawing of inside mains using 4 runs of 10 sq. mm [from MCB DB to switch boards and from switch boards to switch boards / or elsewhere] multistranded copper conductor cables duly inside the PVC conduit concealed / laid vide item No. 24 below complete as per the specification enclosed and in a manner as directed by Senior Section Engineer in charge at site. Note: -4 runs of 10 sq. mm copper cable are taken as 1m for quantity purpose and will be supplied Departmentally							
20	20	600.00	Metre	13.00	7800.00	AT Par	7800.00	Above/ Below/Par
	Description:- Drawing of inside mains using 2 runs of 6 sq. mm [from MCB DB to switch boards and from switch boards to switch boards / modular furniture or elsewhere] multistranded copper conductor cables duly inside the PVC conduit concealed / laid vide item No. 23 below complete as per the specification enclosed and in a manner as directed by Senior Section Engineer in charge at site. Note: - 2 runs of 6 sq. mm copper cable are taken as 1m for quantity purpose and will be supplied Departmentally							
21	21	3150.00	Metre	13.00	40950.00	AT Par	40950.00	Above/ Below/Par
	Description:- Drawing of inside mains using 2 runs of 4 sq. mm [from MCB DB to switch boards and from switch boards to switch boards / modular furniture or elsewhere] multistranded copper conductor cables duly inside the PVC conduit concealed / laid vide item No. 23 below complete as per the specification enclosed and in a manner as directed by Senior Section Engineer in charge at site. Note: - 2 runs of 4 sq. mm copper cable are taken as 1m for quantity purpose and will be supplied Departmentally							
22	22	1390.00	Metre	13.00	18070.00	AT Par	18070.00	Above/ Below/Par
	Description:- Drawing of inside mains using 2 runs of 2.5 sq. mm [from MCB DB to switch boards and from switch boards to switch boards / modular furniture or elsewhere] multistranded copper conductor cables duly inside the PVC conduit concealed / laid vide item No. 23 below complete as per the specification enclosed and in a manner as directed by Senior Section Engineer in charge at site. Note: - 2 runs of 2.5 sq. mm copper cable are taken as 1m for quantity purpose and will be supplied Departmentally							
23	23	3690.00	Metre	7.00	25830.00	AT Par	25830.00	Above/ Below/Par
	Description:- Concealing of 25mm dia rigid PVC conduits along with all accessories and including cutting/ chipping the wall/ceiling or elsewhere and making good the same including replastering and painting wall to original condition /clamped at regular intervals, not exceeding 500 mm in a manner as directed by Section Engineer in charge at site and as per specification for wiring/ rewiring enclosed. [Approximate length of PVC conduit] Note:25 mm dia PVC conduit pipe,Bends,Junction Boxes alone will be supplied Departmentally							
24	24	90.00	Metre	30.00	2700.00	AT Par	2700.00	Above/ Below/Par

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24	Description:- Concealing of 32mm dia rigid PVC conduits along with all accessories and including cutting/ chipping the wall/ceiling or elsewhere and making good the same including replastering and painting wall to original condition /clamped at regular intervals, not exceeding 500 mm in a manner as directed by Section Engineer in charge at site and as per specification for wiring/ rewiring enclosed. [Approximate length of PVC conduit] Note:32 mm dia PVC conduit pipe,Bends,Junction Boxes alone will be supplied Departmentally							
25	25	6074.00	Metre	7.00	42518.00	AT Par	42518.00	Above/ Below/P ar
	Description:- Drawing of earth wire using 1.5 sq.mm PVC insulated copper conductor cables duly along wires vide item No's 20,21 and 22 above and light and fan points vide item No's 26,27 and 28 below or elsewhere complete in a manner as directed by Senior Section Engineer in charge at site. Note: 1.5 sq.mm copper cable alone will be supplied departmentally.							
26	26	40.00	Point	175.00	7000.00	AT Par	7000.00	Above/ Below/P ar
	Description:- Wiring to light, fan, exhaust fan points [Short point i.e. length upto 3 mtr] by supply and drawing of 2 runs of 1.5 sq. mm Fire Retardant Low Smoke PVC insulated copper multi-stranded copper cables of 1100 V grade [conforming to IS: 694/1990 or latest] duly inside the PVC conduit concealed vide item No. 23 above complete with provision of 6 A Modular type switch conforming to IS: 3854/1997 or latest, 1 No. 3 plate ceiling rose conforming to IS: 371/1999 or latest and with all standard accessories complete and in a manner as directed by Section Engineer in charge at site.							
27	27	529.00	Point	257.00	135953.00	AT Par	135953.00	Above/ Below/P ar
	Description:- Wiring to light, fan, exhaust fan points [Medium point i.e. length between 3 to 6 mtr] by supply and drawing of 2 runs of 1.5 sq. mm Fire Retardant Low Smoke PVC insulated copper multi-stranded copper cables of 1100 V grade [conforming to IS: 694/1990 or latest] duly inside the PVC conduit concealed vide item No. 23 above complete with provision of 6 A Modular type switch conforming to IS: 3854/1997 or latest, 1 No. 3 plate ceiling rose conforming to IS: 371/1999 or latest and with all standard accessories complete and in a manner as directed by Section Engineer in charge at site.							
28	28	190.00	Point	350.00	66500.00	AT Par	66500.00	Above/ Below/P ar
	Description:- Wiring to light, fan, exhaust fan points [Long point i.e. length between 6 to 9 mtr] by supply and drawing of 2 runs of 1.5 sq. mm Fire Retardant Low Smoke PVC insulated copper multi stranded copper cables of 1100 V grade [conforming to IS: 694/1990 or latest] duly inside the PVC conduit concealed vide item No. 23 above complete with provision of 6 A Modular type switch conforming to IS: 3854/1997 or latest, 1 No. 3 plate ceiling rose conforming to IS: 371/1999 or latest and with all standard accessories complete and in a manner as directed by Section Engineer in charge at site.							
29	29	100.00	Metre	159.00	15900.00	AT Par	15900.00	Above/ Below/P ar
	Description:- Supply and stringing of overhead mains beneath platform shelters using 5 runs of 16 sq.mm PVC insulated and PVC sheathed multi stranded aluminium conductor cable duly by binding onto insulators of brackets provided vide item No. 31 below complete in a manner as directed by Section Engineer in charge at Site. Note: 1)5 runs of16 sq.mm cable are taken as 1m for unit purpose. 2)The earth wire should be lugged at both ends and has to be terminated in each MS clamp through Nuts and Bolts.							
30	30	100.00	Metre	8.00	800.00	AT Par	800.00	Above/ Below/P ar
	Description:- Laying/Leading of 3 core 6 sq. mm PVC insulated copper conductor flat submersible cable including water proofing terminations ,joints and connecting upto panels in a manner as directed by Section Engineer in charge at site Note: 3 core 6 sq.mm PVC Cable alone will be supplied Departmentally.							
31	31	16.00	Numbers	408.00	6528.00	AT Par	6528.00	Above/ Below/P ar
	Description:- Supply and fixing of MS brackets, fabricated as per sketch enclosed, for supporting OH wire beneath platform shelters, mounted with 4 Nos. of porcelain vertical reel /shackle insulators and earth stud /bolt, finished with 2 coats of red primer and 1 coat of aluminium paint and complete with fixing arrangements as per drawing enclosed and in a manner as directed by Section Engineer in charges at site							

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32	32	36.00	Numbers	189.00	6804.00	AT Par	6804.00	Above/ Below/P ar
	Description:- Installation ,Testing and commissioning of modular frame plate with matching cover plate including and suitable for 12 modules, switches, sockets, blank plates etc. duly accommodated onto suitable modular switch board box complete and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere including all wiring works complete including replastering painting etc. complete and in a manner as directed by Senior Section Engineer in charge at site. Note: -12 module Frame plate with matching cover plate, switch, socket and Modular GI box alone will be Supplied Departmentally.							
33	33	38.00	Numbers	186.00	7068.00	AT Par	7068.00	Above/ Below/P ar
	Description:- Installation ,Testing and commissioning of modular frame plate with matching cover plate including and suitable for 8 modules, switches, sockets, blank plates etc. duly accommodated onto suitable modular switch board box complete and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere including all wiring works complete including replastering painting etc. complete and in a manner as directed by Senior Section Engineer in charge at site. Note: -8 module Frame plate with matching cover plate, switch, socket and Modular GI box alone will be Supplied Departmentally.							
34	34	32.00	Numbers	172.00	5504.00	AT Par	5504.00	Above/ Below/P ar
	Description:- Installation ,Testing and commissioning of modular frame plate with matching cover plate including and suitable for 6 modules, switches, sockets, blank plates etc. duly accommodated onto suitable modular switch board box complete and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere including all wiring works complete including replastering painting etc. complete and in a manner as directed by Senior Section Engineer in charge at site. Note: -6 module Frame plate with matching cover plate, switch, socket and Modular GI box alone will be Supplied Departmentally.							
35	35	36.00	Numbers	95.00	3420.00	AT Par	3420.00	Above/ Below/P ar
	Description:- Installation ,Testing and commissioning of modular frame plate with matching cover plate including and suitable for 4 modules, switches, sockets, blank plates etc. duly accommodated onto suitable modular switch board box complete and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere including all wiring works complete including replastering painting etc. complete and in a manner as directed by Senior Section Engineer in charge at site. Note: -4 module Frame plate with matching cover plate, switch, socket and Modular GI box alone will be Supplied Departmentally.							
36	36	12.00	Numbers	83.00	996.00	AT Par	996.00	Above/ Below/P ar
	Description:- Installation ,Testing and commissioning of modular frame plate with matching cover plate including and suitable for 3 modules, switches, sockets, blank plates etc. duly accommodated onto suitable modular switch board box complete and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere including all wiring works complete including replastering painting etc. complete and in a manner as directed by Senior Section Engineer in charge at site. Note: -3 module Frame plate with matching cover plate, switch, socket and Modular GI box alone will be Supplied Departmentally.							
37	37	71.00	Numbers	172.00	12212.00	AT Par	12212.00	Above/ Below/P ar
	Description:- Supply, Installation, Testing and commissioning of metal junction box(switch board of size 200mmx150mmx50mm fabricated with 16 gauge steel an provided with 3mm thick decolam sheet top, knockout, and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere including all wiring works complete replastering painting etc., complete and in a manner as directed by Senior Section Engineer in charge at site							
38	38	21.00	Numbers	185.00	3885.00	AT Par	3885.00	Above/ Below/P ar

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	Description:- Installation,Testing and commissioning of the 300mm sweep BLDC Exhaust fan onto the buildings or elsewhere using suitable clamping and fixing arrangement complete as per industrial practices including supply connection from ceiling rose by using 3 core 1.5 sq. mm fire retardant Low smoke PVC insulated, PVC round sheathed copper [White / Ivory colour] conductor flexible pendant chord conforming to IS:694/1990 or latest complete as per industrial standards and in a manner as directed by Senior Section Engineer in charge at site. Note: 300mm sweep BLDC Exhaust fan alone will be supplied departmentally.							
39	39	67.00	Numbers	209.00	14003.00	AT Par	14003.00	Above/ Below/P ar
	Description:- Installation,Testing and commissioning of 1200mm sweep BLDC ceiling fan onto the buildings or elsewhere using suitable clamping and fixing arrangement complete as per industrial practices including supply connection from ceiling rose by using 3 core 1.5 sq. mm fire retardant Low smoke PVC insulated, PVC round sheathed copper [White / Ivory colour] conductor flexible pendant chord conforming to IS: 694/1990 or latest complete in a manner as directed by Senior Section Engineer in charge at site. Note: 1200mm sweep BLDC Ceiling fan alone will be supplied departmentally.							
40	40	252.00	Numbers	100.00	25200.00	AT Par	25200.00	Above/ Below/P ar
	Description:- Installation,Testing and commissioning of 4 feet 20W LED light fitting Batten type suitable to work on 240V single phase 50 Hz AC with lamp and all standard accessories using suitable mounting and fixing arrangement as per industrial practices including supply connection from ceiling rose by using 3 core 1.5 sq. mm Fire Retardant Low Smoke PVC insulated, PVC round sheathed copper [White/Ivory colour] conductor flexible pendant chord conforming to IS:694/1990 or latest complete as per industrial standards and in a manner as directed by Senior Section Engineer in charge at site. Note: 4 feet LED 20W light fitting Batten Type with lamp alone will be supplied Departmentally							
41	41	18.00	Numbers	2755.00	49590.00	AT Par	49590.00	Above/ Below/P ar
	Description:- Erection, testing and commissioning of 4 meter Single arm octagonal pole assembly onto the suitable RCC foundation and coping by using modern engineering practice including installation,testing and commissioning of LED luminaries including all wiring works from nearby junction box as per industrial standards complete in a manner as directed by Section Engineer in charge at site. Note: 1) The foundation design and drawing along with supporting IS specifications suitable for Octagonal poles supplied by Railways and as per site conditions should be submitted for approval before starting the work .2) Four metre Single arm Octagonal pole and accessories along with luminaries alone will be supplied departmentally.							
42	42	1.00	Numbers	691.00	691.00	AT Par	691.00	Above/ Below/P ar
	Description:- Installation, Testing and commissioning of SPN MCB DB's with 63A,30 mA,DP,RCCB as Incomer along with 6 No's of 6A,SP,MCB's as feeder controls along with Cable adaptor box on to the wall using suitable angle iron frame work and including cutting/chipping and re-plastering and bringing back walls to original condition including painting the walls to original condition complete including all cabling and termination works at both incoming and outgoing ends complete as per site conditions and as per industrial practices in a manner as directed by Senior Section Engineer in charge at site. Note: MCB DB,MCB,RCCB Cable adaptor box etc alone will be supplied Departmentally							
43	43	11.00	Numbers	762.00	8382.00	AT Par	8382.00	Above/ Below/P ar
	Description:- Installation, Testing and commissioning of TPN MCB DB's with FP,RCBO/MCCB/RCCB as Incomer along with combination of SP/DP/FP,MCB's as feeder controls along with Cable adaptor box on to the wall using suitable angle iron frame work and including cutting/chipping and replastering and bringing back walls to original condition including painting the walls to original condition complete including all wiring and termination works at both incoming and outgoing ends complete and as per industrial practices in a manner as directed by Senior Section Engineer in charge at site. Note: MCB DB,MCB, RCBO, Cable adaptor box etc alone will be supplied Departmentally							
44	44	4.00	Numbers	285.00	1140.00	AT Par	1140.00	Above/ Below/P ar

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	Description:- Installation, Testing and Commissioning of 63A TPN Switch Dis-connector Fuse Unit along with Enclosure onto wall or elsewhere using suitable mounting arrangements including all cable terminations at both Incoming and outgoing sides complete as per industrial standards and in a manner as directed by Senior Section Engineer in charge at site. Note: 63A TPN SDF Unit with Enclosure alone will be supplied Departmentally							
45	45	5.00	Numbers	629.00	3145.00	AT Par	3145.00	Above/ Below/P ar
	Description:- Erection, Testing and commissioning of 63 kVA SMC DT Metering Box of dimension H=700mm,W=480mm,D=210mm including all cabling and wiring terminations at both incoming and outgoing ends and using suitable fixing and mounting arrangements complete as per industrial standards as per site conditions in a manner as directed by Section Engineer in charge at site Note: SMC DT Metering Box alone will be supplied Departmentally.							
46	46	4.00	Numbers	354.00	1416.00	AT Par	1416.00	Above/ Below/P ar
	Description:- Installation, Testing and commissioning of 0- 60A CT operated Multifunction Energy Meter with Enclosure onto wall or elsewhere using suitable angle iron frame work and mounting and fixing arrangements complete including all wiring connection works at both incoming and outgoing ends complete as per industrial standards and in a manner as directed by Section Engineer in charge at site. Note: 0-60A CT operated Multi Function Meter with Enclosure alone will be supplied Departmentally.							
47	47	4.00	Numbers	259.00	1036.00	AT Par	1036.00	Above/ Below/P ar
	Description:- Installation,Testing and commissioning of 150 W LED Flood light fittings using suitable GI tubular mounting arm bent to act as tubular support for anchoring arrangement onto walls including supply connection from ceiling rose/junction box or elsewhere by using 3 core 1.5 sq. mm Fire retardant low smoke PVC insulated, PVC round sheathed copper [White/Ivory colour] conductor flexible chord conforming to IS:694/1990 or latest as per industrial standards in a manner as directed by Section Engineer in charge at site. Note: 150W LED Flood light fittings alone will be supplied departmentally.							
48	48	8.00	Numbers	563.00	4504.00	AT Par	4504.00	Above/ Below/P ar
	Description:- Installation,Testing and commissioning of of time switch assembly comprising of: - a)1 No. timer switch with daily setting similar to L&T catalogue reference J648B1 [FM1 Quartz]. b)1 No. 3 pole 25A power contactor conforming to IS: 13947/P4/1993 or latest, c)1 No. 40A DP [MCB type] isolator conforming to IS: 13947/P3/1993 or latest, d)1 No. Neutral link etc. e)1 No. Earth link etc. f) Suitable rated control fuses all duly pre-wired and mounted on an appropriate sized well-seasoned wooden plank of thickness not less than 12 mm and duly housed into and powder coat finished enclosure of size not less than 300mm X 450mm X 300mm and made of 2mm thick Sheet Steel complete and provision of the same onto the wall or elsewhere using suitable fixing arrangements complete and in a manner as directed by Section Engineer in charge at site. Note:Timerswitch,Power contactor,MCB,Neutral Link,Earth link,fuses,wooden box,enclosures alone will be supplied Departmentally.							
49	49	24.00	Numbers	150.00	3600.00	AT Par	3600.00	Above/ Below/P ar
	Description:- Installation,Testing and commissioning of 45 W LED street fittings using suitable GI tubular mounting arm bent to act as tubular support for anchoring arrangement onto walls including supply connection from ceiling rose/junction box or elsewhere by using 3 core 1.5 sq. mm Fire retardant low smoke PVC insulated, PVC round sheathed copper [White/Ivory colour] conductor flexible chord conforming to IS:694/1990 or latest as per industrial standards in a manner as directed by Section Engineer in charge at site. Note: 45W LED street light fittings alone will be supplied departmentally.							
50	50	12.00	Numbers	162.00	1944.00	AT Par	1944.00	Above/ Below/P ar
	Description:- Installation,Testing and commissioning of 50 W LED street fittings using suitable GI tubular mounting arm bent to act as tubular support for anchoring arrangement onto walls including supply connection from ceiling rose/junction box or elsewhere by using 3 core 1.5 sq. mm Fire retardant low smoke PVC insulated, PVC round sheathed copper [White/Ivory colour] conductor flexible chord conforming to IS:694/1990 or latest as per industrial standards in a manner as directed by Section Engineer in charge at site. Note: 50W LED street light fittings alone will be supplied departmentally.							

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51	51	4.00	Numbers	92.00	368.00	AT Par	368.00	Above/ Below/P ar
	Description:- Installation,Testing and commissioning of 32A , DP,MCB with Enclosure onto wall or elsewhere using suitable angle iron frame work and mounting and fixing arrangements as per industrial standards including all wiring and cable termination works at both Incoming and outgoing sides complete in a manner as directed by Section Engineer in charge at site. Note: 32A,DP,MCB with Enclosure alone will be supplied Departmentally.							
51	51	8.00	Numbers	6818.00	54544.00	AT Par	54544.00	Above/ Below/P ar
	Description:- Supply of the 300mm sweep BLDC Exhaust fan with Metallic Body,Rated Power Consumption -56 Watts (Maximum) ,operating voltage 230V,Single Phase AC,Frequency:50 Hz, Rated Speed:1400 RPM,Voltage Range:140V-270 V AC ,Rated Air Delivery:1900 CMH,Power Factor-0.92,Class H Insulation having Temperature protection,High Voltage protection and Over Current Protection and Installation, Testing and commissioning of the same onto the building walls or elsewhere using suitable clamping and fixing arrangements complete as per industrial practices including supply connection from ceiling rose by using 3 core 1.5 sq. mm fire retardant Low smoke PVC insulated, PVC round sheathed copper [White / Ivory colour] conductor flexible pendant chord conforming to IS:694/1990 or latest complete as per industrial standards and in a manner as directed by Senior Section Engineer in charge at site.							
52	52	2.00	Numbers	32.00	64.00	AT Par	64.00	Above/ Below/P ar
	Description:- Installation,Testing and commissioning of 40A,DP,RCBO with Enclosure with suitable angle iron frame work and other fixing arrangements as per industrial standards including all cabling,wiring works at both Incoming and outgoing sides complete in a manner as directed by Section Engineer in charge at site. Note:40A,DP,RCBO with Enclosure alone will be supplied Departmentally.							
53	53	2.00	Numbers	2602.00	5204.00	AT Par	5204.00	Above/ Below/P ar
	Description:- Erection, Testing and commissioning of 5HP Non clog submersible sewage pump set complete with control panel suitable for operation on three phase AC supply along with all accessories including fixing and mounting arrangements and other items required for successful commissioning of pump complete as per site conditions and as per industrial standards in a manner as directed by Section engineer in charge at site. Note:5 HP Non Clog Submersible Sewage pump with Control panel assembly alone will be supplied Departmentally							
54	54	1.00	Numbers	1842.00	1842.00	AT Par	1842.00	Above/ Below/P ar
	Description:- Erection, Testing and commissioning of 4 way Floor Mounting Type MCCB DB with 2 No's of 200A,36 kA,FP,MCCB's along with 250A COS as Incomer along with 4 No's 125A,30 kA,FP,MCCB's as outgoing including all cable termination at both Incoming and Outgoing sides complete and as per industrial practices complete in a manner as directed by Senior Section Engineer in charge at site. Note: MCCB DB, ,MCCB alone will be supplied Departmentally							
55	55	9.00	Numbers	60.00	540.00	AT Par	540.00	Above/ Below/P ar
	Description:- Installation, Testing and Commissioning including concealing work along with metal clad plug and socket unit in sheet steel enclosure conforming to IS: 8623/1993 or latest complete as per industrial practices with 1 No. 20 A,SP, MCB onto the walls including cutting/chipping and replastering and bringing back walls to original condition including painting in a manner as directed by section engineer in charge at site. Note: Metal clad plug and socket with Enclosure and MCB alone will be supplied Departmentally.							
56	56	3.00	Numbers	41.00	123.00	AT Par	123.00	Above/ Below/P ar
	Description:- Installation, Testing and commissioning of Call Bell similar to Gold Medal Make and Model No: Curve plus and suitable for operation on 230 V, 50Hz, single-phase AC supply using suitable arrangement including supply connection from ceiling rose by using 3 core 1.5 sq. mm Fire retardant Low Smoke PVC insulated, PVC round sheathed copper (White/Ivory colour) conductor flexible pendant chord conforming to IS: 694/1990 or latest in a manner as directed by Section Engineer in charge at site. Note: Call Bell alone will be supplied Departmentally							
	57	800.00	Metre	167.00	133600.00	AT Par	133600.00	Above/ Below/P ar

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57	Description:- 57 a)Supply and Drawing of inside mains using 3 runs of 2.5 sq. mm [from MCB DB to switch boards and from switch boards to switch boards / modular furniture or elsewhere] fire retardant Low smoke PVC insulated unsheathed multi-stranded copper conductor cables conforming to IS:694/1990 or latest duly inside the PVC conduit laid vide 57) b) below complete as per the specification enclosed and in a manner as directed by Senior Section Engineer in charge at site. 57 b) Supply and Concealing of 25mm dia rigid PVC conduits [IVORY colour] confirming to IS: 9537/P3/1983 or latest [ISI Marked] along with suitable bends,Junction Boxes,clamps and all accessories and including cutting/ chipping the wall/ceiling or elsewhere and making good the same including replastering and painting wall to original condition /clamped at regular intervals, not exceeding 500 mm in a manner as directed by Section Engineer in charge at site and as per specification for wiring/ rewiring enclosed. [Approximate length of PVC conduit] Note 1: - 3 runs of 2.5 sq. mm copper conductor and 1 m of 25mm dia PVC conduit pipe are taken as 1m for quantity purpose Note 2: Bends,Junction Boxes,Clamps,Screws and other items required for successful concealing of 25mm dia PVC conduit pipe at fixed intervals ,site conditions and as per directions of Section Engineer incharge at site is covered under contractors scope of work.							
58	58	400.00	Metre	197.00	78800.00	AT Par	78800.00	Above/ Below/Par
	Description:- 58 a)Supply and Drawing of inside mains using 3 runs of 4 sq. mm [from MCB DB to switch boards and from switch boards to switch boards / modular furniture or elsewhere] fire retardant Low smoke PVC insulated unsheathed multi-stranded copper conductor cables conforming to IS:694/1990 or latest duly inside the PVC conduit laid vide 58) b) below complete as per the specification enclosed and in a manner as directed by Senior Section Engineer in charge at site. 58 b) Supply and Concealing of 25mm dia rigid PVC conduits [IVORY colour] confirming to IS: 9537/P3/1983 or latest [ISI Marked] along with suitable bends,Junction Boxes,clamps and all accessories and including cutting/ chipping the wall/ceiling or elsewhere and making good the same including replastering and painting wall to original condition /clamped at regular intervals, not exceeding 500 mm in a manner as directed by Section Engineer in charge at site and as per specification for wiring/ rewiring enclosed. [Approximate length of PVC conduit] Note 1: - 3 runs of 4 sq. mm copper conductor and 1 m of 25mm dia PVC conduit pipe are taken as 1m for quantity purpose Note 2: Bends,Junction Boxes,Clamps,Screws and other items required for successful concealing of 25mm dia PVC conduit pipe at fixed intervals ,site conditions and as per directions of Section Engineer incharge at site is covered under contractors scope of work.							
59	59	30.00	Metre	696.00	20880.00	AT Par	20880.00	Above/ Below/Par
	Description:- 59 a)Supply and Drawing of inside mains using 5 runs of 10 sq. mm [from MCB DB to switch boards and from switch boards to switch boards or elsewhere] fire retardant Low smoke PVC insulated unsheathed multistranded copper conductor cables conforming to IS:694/1990 or latest duly inside the PVC conduit laid vide 59) b) below complete as per the specification enclosed and in a manner as directed by Senior Section Engineer in charge at site. 59 b) Supply and Concealing of suitable dia rigid PVC conduits [IVORY colour] confirming to IS: 9537/P3/1983 or latest [ISI Marked] along with suitable bends,Junction Boxes,clamps and all accessories and including cutting/ chipping the wall/ceiling or elsewhere and making good the same including replastering and painting wall to original condition /clamped at regular intervals, not exceeding 500 mm in a manner as directed by Section Engineer in charge at site and as per specification for wiring/ rewiring enclosed. [Approximate length of PVC conduit] Note 1: - 5 runs of 10 sq. mm copper conductor and 1 m of suitable dia PVC conduit pipe are taken as 1m for quantity purpose Note 2: Bends,Junction Boxes,Clamps,Screws and other items required for successful concealing of suitable dia PVC conduit pipe at fixed intervals ,site conditions and as per directions of Section Engineer incharge at site is covered under contractors scope of work.							
60	60	100.00	Point	387.00	38700.00	AT Par	38700.00	Above/ Below/Par
	Description:- Wiring to light, fan, exhaust fan points [Medium point i.e. length between 3 to 6 mtr] by supply and drawing of 3 runs of 1.5 sq. mm Fire Retardant Low Smoke PVC insulated copper multi-stranded copper cables of 1100 V grade [conforming to IS: 694/1990 or latest] along with a)Supply and Concealing of 25mm dia rigid PVC conduits [IVORY colour] confirming to IS: 9537/P3/1983 or latest [ISI Marked] along with suitable bends,Junction Boxes,clamps and all accessories and including cutting/ chipping the wall/ceiling or elsewhere and making good the same including replastering and painting wall to original condition /clamped at regular intervals, not exceeding 500 mm in a manner as directed by Section Engineer in charge at site and as per specification for wiring/ rewiring enclosed. [Approximate length of PVC conduit] b) Supply and provision of 6 A Modular type switch conforming to IS: 3854/1997 or latest, c)Supply and provision of 1 No. 3 plate ceiling rose conforming to IS: 371/1999 or latest and with all standard accessories complete required as per site conditions and in a manner as directed by Section Engineer in charge at site.							
	61	50.00	Point	430.00	21500.00	AT Par	21500.00	Above/ Below/Par

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	Description:- Wiring to light, fan, exhaust fan points [Long point i.e. length between 6 to 9 mtr] by supply and drawing of 3 runs of 1.5 sq. mm Fire Retardant Low Smoke PVC insulated copper multi-stranded copper cables of 1100 V grade [conforming to IS: 694/1990 or latest] along with a)Supply and Concealing of 25mm dia rigid PVC conduits [IVORY colour] conforming to IS: 9537/P3/1983 or latest [ISI Marked] along with suitable bends,Junction Boxes,clamps and all accessories and including cutting/ chipping the wall/ceiling or elsewhere and making good the same including replastering and painting wall to original condition /clamped at regular intervals, not exceeding 500 mm in a manner as directed by Section Engineer in charge at site and as per specification for wiring/ rewiring enclosed. [Approximate length of PVC conduit] b) Supply and provision of 6 A Modular type switch conforming to IS: 3854/1997 or latest, c)Supply and provision of 1 No. 3 plate ceiling rose conforming to IS: 371/1999 or latest and with all standard accessories complete required as per site conditions and in a manner as directed by Section Engineer in charge at site.							
62	62	15.00	Numbers	472.00	7080.00	AT Par	7080.00	Above/ Below/Par
	Description:- Supply of modular frame plate with matching cover plate suitable for 12 modules duly accommodated onto suitable modular switch board box made of 1.2mm thick GI Sheet complete and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere and painting etc., complete including fixing ,testing and commissioning and including all internal wiring connections in a suitable manner as directed by Section engineer in charge at site. Note: - 1 No. 12 Module frame plate with matching cover plate and 1 No. Modular GI box are taken as 1 No for quantity purpose and should match with IS codes with latest amendments.							
63	63	20.00	Numbers	430.00	8600.00	AT Par	8600.00	Above/ Below/Par
	Description:- Supply of modular frame plate with matching cover plate suitable for 8 modules duly accommodated onto suitable modular switch board box made of 1.2mm thick GI Sheet complete and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere and painting etc., complete including fixing ,testing and commissioning and including all internal wiring connections in a suitable manner as directed by Section engineer in charge at site. Note: - 1 No. 8 Module frame plate with matching cover plate and 1 No. Modular GI box are taken as 1 No for quantity purpose and should match with IS codes with latest amendments.							
64	64	20.00	Numbers	409.00	8180.00	AT Par	8180.00	Above/ Below/Par
	Description:- Supply of modular frame plate with matching cover plate suitable for 6 modules duly accommodated onto suitable modular switch board box made of 1.2mm thick GI Sheet complete and recess mounting/ concealing the same onto the wall using suitable fixing arrangements including cutting/ chipping/ making recess on the wall or elsewhere and painting etc., complete including fixing ,testing and commissioning and including all internal wiring connections in a suitable manner as directed by Section engineer in charge at site. Note: - 1 No. 6 Module frame plate with matching cover plate and 1 No. Modular GI box are taken as 1 No for quantity purpose and should match with IS codes with latest amendments.							
65	65	525.00	Numbers	22.00	11550.00	AT Par	11550.00	Above/ Below/Par
	Description:- Supply of 6A Modular switches conforming to IS: 3854/ 1997 or latest and provision of the same in switchboards or elsewhere in a manner as directed by Section Engineer-in charge at site. The unit shall be integrated into modular plates/boxes, including internal wiring terminations.							
66	66	176.00	Numbers	69.00	12144.00	AT Par	12144.00	Above/ Below/Par
	Description:- Supply of 6A Modular sockets conforming to IS: 1293/ 2019 or latest and provision of the same in switchboards or elsewhere in a manner as directed by Section Engineer-in charge at site. The unit shall be integrated into modular plates/boxes, including internal wiring terminations.							
67	67	35.00	Numbers	56.00	1960.00	AT Par	1960.00	Above/ Below/Par
	Description:- Supply of 16A Modular switches conforming to IS: 3854/ 1997 or latest and provision of the same in switchboards or elsewhere in a manner as directed by Section Engineer-in charge at site. The unit shall be integrated into modular plates/boxes, including internal wiring terminations.							

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68	68	35.00	Numbers	69.00	2415.00	AT Par	2415.00	Above/ Below/P ar
	Description:- Supply of 16A/6A Modular sockets conforming to IS: 1293/ 2019 or latest and provision of the same in switchboards or elsewhere in a manner as directed by Section Engineer-in charge at site. The unit shall be integrated into modular plates/boxes, including internal wiring terminations.							
69	69	82.00	Numbers	226.00	18532.00	AT Par	18532.00	Above/ Below/P ar
	Description:- Supply of 4 feet 20W LED Batten light fitting suitable to work on 240V single phase 50 Hz AC supply with lamp and all standard accessories as per the specification enclosed and installation, testing and commissioning of the same using suitable mounting arrangements including supply connection from ceiling rose by using 3 core 1.5 sq. mm Fire Retardant Low Smoke PVC insulated, PVC round sheathed copper conductor flexible pendant chord conforming to IS: 694/1990 or latest in a manner as directed by Section Engineer in charge at site							
70	70	22.00	Numbers	2289.00	50358.00	AT Par	50358.00	Above/ Below/P ar
	Description:- Supply, Installation, Testing and commissioning of 1200mm sweep BLDC Ceiling fan as per specification enclosed onto the buildings ceiling wall or elsewhere using suitable clamping and fixing arrangement complete as per industrial practices including supply connection from ceiling rose by using 3 core 1.5 sq. mm fire retardant Low smoke PVC insulated, PVC round sheathed copper conductor flexible pendant chord conforming to IS:694/1990 or latest complete as per industrial standards and in a manner as directed by Senior Section Engineer in charge at site.							
72	72	4.00	Numbers	3411.00	13644.00	AT Par	13644.00	Above/ Below/P ar
	Description:- Supply, of 400mm sweep BLDC Wall Mounting fan with Power consumption:35W,Air Delivery:70 CMM, Speed:3 speed with Remote control, RPM- 1350,Power supply:240V,50 Hz,Oscillation type and confirming to IS:555 or latest and installation,testing and commissioning of the same onto the building walls or elsewhere using suitable clamping and fixing arrangement complete as per industrial practices complete in a manner complete as directed by Senior Section Engineer in charge at site.							
73	73	4.00	Numbers	3276.00	13104.00	AT Par	13104.00	Above/ Below/P ar
	Description:- Supply, of 400mm sweep BLDC Pedestal fan as per IS:1169 or latest with following specification 1) Fan size - 400mm, 2)Max.Input power-35W, 3) Air delivery-70 Cum/Min, 4) Motor type: BLDC, 5) Speed steps-3 no's with remote control, 5) Height of fan Adjustable, 7) Oscillating and installation, testing and commissioning of the same onto the building walls or elsewhere using suitable clamping and fixing arrangement complete as per industrial practices complete in a manner complete as directed by Senior Section Engineer in charge at site.							
74	74	2.00	Metre	106.00	212.00	AT Par	212.00	Above/ Below/P ar
	Description:- a)Supply of LED Rope Light similar to Philips Make,Model Name:Marathon (Warm White/Yellow) complete with all items required for succesfull commissioning b) Installation,testing and commissioning of LED rope lighting including supply connection from ceiling rose by using 3 core 1.5sq. mm Fire retardant Low Smoke PVC insulated, PVC round sheathed copper (White/Ivory colour) conductor flexible pendant chord complete in a manner as per site conditions as directed by Section Engineer in charge at site.							
75	75	20.00	Metre	950.00	19000.00	AT Par	19000.00	Above/ Below/P ar
	Description:- Supply, Installation, testing and commissioning of LED Profile lighting 25mmx12mm concealed Aluminium channel with Diffuser cover , along with Strip Light similar to Crompton make, Model No.LSTGL20- CDL/WW/BLU/RED/GRN/P NK along with suitable adaptor and all standard accessories complete including supply connection from using 3 core 1.5 sq. mm Fire retardant Low Smoke PVC insulated, PVC round sheathed copper (White/Ivory colour) conductor flexible pendant chord conforming to IS: 694/1990 or latest in a manner as directed by Section Engineer in charge at site.							
76	76	10.00	Numbers	1150.00	11500.00	AT Par	11500.00	Above/ Below/P ar
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76	Description:- Supply, Installation, testing and commissioning of Wall mountable 7W LED Down light fitting similar to Havells Make, Model No:LHEBAFPDIE1K007 suitable to work on 240V single phase 50 Hz AC supply with lamp and all standard accessories complete including supply connection from ceiling rose by using 3 core 1.5 sq. mm Fire retardant Low Smoke PVC insulated, PVC round sheathed copper (White/Ivory colour) conductor flexible pendant chord conforming to IS: 694/1990 or latest in a manner as directed by Section Engineer in charge at site.							
77	77	20.00	Numbers	1716.00	34320.00	AT Par	34320.00	Above/ Below/Par
	Description:- Supply, installation, testing and commissioning of 3W LED Outdoor Wall Light similar to Luker Model No:LODWS103 or its equivalent in IS certified make complete including supply connection from ceiling rose by using 3 core 1.5 sq. mm Fire retardant Low Smoke PVC insulated, PVC round sheathed copper (White/Ivory colour) conductor flexible pendant chord conforming to IS: 694/1990 or latest in a manner along with all materials required as per site conditions and as directed by Section Engineer in charge at site.							
78	78	8.00	Numbers	2196.00	17568.00	AT Par	17568.00	Above/ Below/Par
	Description:- Supply ,Installation,Testing and commissioning of 100 W LED Flood light fittings as per specification enclosed and using suitable GI tubular mounting arm bent to act as tubular support for anchoring arrangement onto walls including supply connection from ceiling rose/junction box or elsewhere by using 3 core 1.5 sq. mm Fire retardant low smoke PVC insulated, PVC round sheathed copper [White/Ivory colour] conductor flexible chord conforming to IS:694/1990 or latest as per industrial standards in a manner as directed by Section Engineer in charge at site.							
79	79	10.00	Numbers	2380.00	23800.00	AT Par	23800.00	Above/ Below/Par
	Description:- Supply, Installation, Testing and commissioning of 36W Recess LED light fitting as per specification enclosed suitable to work on 240V single phase 50 Hz AC with lamp and all standard accessories using suitable mounting and fixing arrangements complete as per industrial practices including supply connection from ceiling rose by using 3 core 1.5 sq. mm Fire Retardant Low Smoke PVC insulated, PVC round sheathed copper [White/Ivory colour] conductor flexible pendant chord conforming to IS: 694/1990 or latest in a manner as directed by Senior Section Engineer in charge at site.							
80	80	8.00	Numbers	12541.00	100328.00	AT Par	100328.00	Above/ Below/Par
	Description:- Supply of 4 meters long Octagonal Pole totally hot dip galvanized with minimum of 70mm dia at top and130mm dia at the bottom, the plate thickness for pole shall be not less than 3mm, without any intermediate joints, 1 No hot dip galvanized 48mm dia pipe Double Arm arch bracket, Baseplate of size not less than 200 X200 x 12mm with 4 Nos 20mm dia hole, 4 Nos of foundation bolts M16-not less than 600mm long with nuts and washers, two numbers of re-wire able type porcelain fuse base and fuse carrier having a current rating of 16A and voltage not exceeding 650V between lines and conforming to IS:2086 / 1993 or latest and erection, testing and commissioning of the above octagonal pole onto the suitable RCC foundation by using modern engineering practice and in a manner as directed by Section Engineer in charge at site. Note: 1) The foundation shall be as per the standard practice and recommendation of the manufacturer of octagonal pole. 2)The foundation design and drawing along with supporting IS specifications suitable as per site conditions should be submitted for Approval before starting the work. 3)Fixing of LED fixtures (which will be supplied by Railways)in Octagonal poles also is covered under Contractors scope of work							
81	81	8.00	Numbers	3268.00	26144.00	AT Par	26144.00	Above/ Below/Par
	Description:- a)Supply of 80W LED Street Light fitting as per specification enclosed b)Installation,Testing and commissioning of 80 W LED Street light fittings using suitable GI tubular mounting arm bent to act as tubular support for anchoring arrangement onto walls including supply connection from ceiling rose/junction box or elsewhere by using 3 core 1.5 sq. mm Fire retardant low smoke PVC insulated, PVC round sheathed copper conductor flexible chord conforming to IS:694/1990 or latest as per industrial standards in a manner as directed by Section Engineer in charge at site							
	82	3.00	Numbers	20853.00	62559.00	AT Par	62559.00	Above/ Below/Par

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82	Description:- Supply ,installation, testing and commissioning of 6 way TPN MCB DB conforming to IS:8623 or latest ,IK- 09 ,CRCA sheet enclosure ,RAL 9003,powder coated with insulated vertical phase bus bars ,neutral bars with shrouds,earth bars,sticking saddles,cement spill protector ,color coded interconnecting wire set, cable ties, blanking plates and circuit identification labels along with supply and provision of a)Supply of 100A,30 kA, FP,MCCB conforming to IS/IEC:60947-2 or latest as Incomer b)Supply of (3 No's of 6A ,SP,MCB+3 No's of 16A,SP,MCB +4 No's of 20A,DP)MCB's conforming to IS:IEC:60898 or latest as outgoings and erection,testing and commissioning of the same on to the wall using suitable angle iron frame work and including cutting/chipping and re-plastering and bringing back walls to original condition including painting the walls to original condition complete including all wiring and termination works at both incoming and outgoing ends complete and as per industrial practices as per site conditions complete in a manner as directed by Senior Section Engineer in charge at site.							
83	83	2.00	Numbers	3309.00	6618.00	AT Par	6618.00	Above/ Below/P ar
	Description:- Supply, Installation, Testing and commissioning of 40Amps, Double pole, MCB Type change over switch conforming to IS:60947 (Part-3) or latest along with 4 way SPN DB conforming to IS:8623-1 or latest ,IK-08 ,available in CRCA sheet steel,RAL 9003, powder coated ,with 100A phase insulated bus bar's ,neutral bar's with shrouds,earth bar's,sticking saddles,cement spill protector,color-coded interconnecting wire set,cables ties,blanking plates,circuit identification labels,onto the wall or elsewhere using Angle iron frame and other accessories required complete including cutting / chipping the wall, replastering and painting the wall and making good the same in a manner as directed by Section Engineer in charge at site.							
84	84	8.00	Numbers	1349.00	10792.00	AT Par	10792.00	Above/ Below/P ar
	Description:- Supply , Installation, Testing and commissioning of 25A , DP,MCB conforming to IS/IEC:60947 or latest along with IP 30 rated -Metal door Enclosure conforming to IS:8623 or latest suitable for surface and flush mounting and available in CRCA sheet steel, RAL 9003,powder coated with provision to mount MCB/Isolator/RCCB/RCBO and other modular devices and erection, testing and commissioning of the same using all fixing arrangements along with all incoming and outgoing cabling termination works complete as per directions of Section Engineer in charge at site.							
85	85	1.00	Numbers	10094.00	10094.00	AT Par	10094.00	Above/ Below/P ar
	Description:- Supply, Installation, Testing and commissioning of timer switch assembly comprising of :- a)1 No. timer switch with daily setting similar to L&T catalogue reference J648B1 [FM1 Quartz]. b)1 No. 3 pole 25A power contactor conforming to IS: 13947/P4/1993 or latest, c)1 No. 40A DP [MCB type] isolator conforming to IS: 13947/P3/1993 or latest, d)1 No. Neutral link etc. e)1 No. Earth link etc. f) Suitable rated control fuses all duly pre-wired and mounted on an appropriate sized well-seasoned wooden plank of thickness not less than 12 mm and duly housed into and powder coat finished enclosure of size not less than 300mm X 450mm X 300mm and made of 2mm thick Sheet Steel complete and provision of the same onto the wall or elsewhere using suitable fixing arrangements complete and in a manner as directed by Section Engineer in charge at site.							
86	86	4.00	Numbers	3003.00	12012.00	AT Par	12012.00	Above/ Below/P ar
	Description:- Supply of Installation, Testing and commissioning of 25A , DP,RCCB conforming to IS/IEC:12640-1/2008 or latest along with IP 30 rated -Metal door Enclosure conforming to IS:8623 or latest suitable for surface and flush mounting and available in CRCA sheet steel, RAL 9003,powder coated with provision to mount MCB/Isolator/RCCB/RCBO and other modular devices and erection, testing and commissioning of the same using all fixing arrangements along with all incoming and outgoing cabling termination works complete as per directions of Section Engineer in charge at site.							
87	87	20.00	Numbers	1327.00	26540.00	AT Par	26540.00	Above/ Below/P ar
	Description:- Installation, Testing and commissioning of welding socket system (consisting of INCOMER: 1 No. 63A 30mA FP RCCB +63A,30 kA,FP,MCB+25A,30 kA,DP,MCB , OUTGOING: (1) 1 No. of 63A 5 pin IP67 Plug & Socket controlling through 63A FP 10KA MCB (2) 1 No. of 16/20A SP 3 Pin IP67 Plug & Socket controlling through 25A DP 10KA MCB, duly housed in a outdoor Thermoplastic polycarbonate IP 65 enclosure) using suitable clamping arrangements complete in a manner as directed by Sr. Section Engineer in charge at site. Note: Welding socket system alone will be supplied departmentally.							
	88	25.00	Numbers	2050.00	51250.00	AT Par	51250.00	Above/ Below/P ar

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88	Description:- Foundation, Erection, Testing and commissioning of tubular lamp post made out of 3.5m long (2.9m above ground level) 100mm dia "C" class GI pipe and erection of the same onto pathway complete including foundation, coping, base plate of size 320mmx320mmx10mm, suitable top cover made of 3mm thick hot dip galvanized GI sheet, with necessary fixing of G.I. Strip "L" channel of size 50 X 50 X 6mm and not less than one metre length and fixing of LED light at 1m from Ground level (or as directed by Section Engineer in charge at site). Note: (1.) 3.5m long 100 mm dia tubular lamp pole with base plate alone will be supplied departmentally. (2.) Foundation, coping shall be as per specification enclosed. (3.) GI pipe shall conform to IS : 1239 or latest.							
89	89	1700.00	Metre	34.00	57800.00	AT Par	57800.00	Above/ Below/Par
	Description:- Supply and drawing of inside mains using 3 runs of 1.5 sq. mm [from MCB DB to switch boards and from switch boards to switch boards or elsewhere] Fire Retardant Low Smoke PVC insulated unsheathed multistranded copper conductor cables of 1100V grade [conforming to IS:694/1990 or latest] duly inside the PVC conduit concealed/laid complete as per the specification enclosed and in a manner as directed by Section Engineer in charge at site. Note: - 3 runs of 1.5 sq. mm copper conductor are taken as 1m for quantity purpose.							
90	90	25.00	Numbers	830.00	20750.00	AT Par	20750.00	Above/ Below/Par
	Description:- Supply of terminal / loop in - loop out box of size 280 X 170 X 130mm and made of SMC [similar to Sintex Catalogue Reference No.GS-JB-2817] and comprising of 1 No. 4way 32 A strip connector block, 1 No. Neutral link, 1 No. Earth link and 2 Nos of rewirable type porcelain fuse bases and fuse carriers having a current rating of 16A and voltage not exceeding 650V between lines and conforming to IS: 2086 / 1993 or latest duly pre-wired and installation, testing and commissioning of the same onto lamp post or elsewhere using suitable fixing arrangement in a manner as directed by Section Engineer in charge at site.							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)
2	1) Tenderer should attach self attested copy of PAN CARD and photo identification in support of their Identity. 2) The documents attached to the tender document should be clear and legible for evaluation of tenders. Proper care to be taken in this regard	No	No	Allowed (Mandatory)
3	A copy of document to be uploaded containing the following details: Name of the tenderer/ contractor, Validity of DSC, Complete address with pincode, Contact No.	No	No	Allowed (Mandatory)
4	Scanned copy of PAN card has to be enclosed	No	No	Allowed (Mandatory)
5	Scanned copy of TIN card has to be enclosed	No	No	Allowed (Mandatory)
6	A copy of NEFT form duly filled in the details as necessary along with a cancelled Cheque to be uploaded. (The tenderer/ contractor not having NEFT form may download the empty NEFT form available in documents site)	No	No	Allowed (Mandatory)
7	Information/ certificates required as per Tender document for partnership deed, Article of association, MOU, JV AGREEMENT, Proprietary firm etc.	No	No	Allowed (Mandatory)

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8	Self Attested copy of Experience Certificate of Previous Work Done -The bidder should submit documents related to completed/on-going similar service contracts during the last three previous financial years and the current financial year along with the details of payments received and percentage penalties imposed therein, to classify the completed/ on-going similar service contracts.	No	No	Allowed (Mandatory)
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General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	For materials of purchase value Rs.5 lakhs and above, inspection shall be done by third party i.e. M/s. RITES and all expenditure in connection with the inspection shall be borne by the tenderer/Contractor .For ISI marked products, if the order is placed on ISI certified manufacturers, the materials can be accepted on firm's WTC	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	1)The work shall only be carried out either by the contractor having valid Electrical contractor license issued by the Government of Tamilnadu/Kerala/Karnataka/any other State (or) Engage agency/person having valid electrical contractor license issued by the Government of Tamilnadu /Kerala/Karnataka/any other State for carrying out the installation work of the voltage class involved. Attested copy of the Electrical License shall be submitted to Sr.DEE/G/MAS or his authorized representative before commencement of work 2) The successful bidder should submit OEM/Authorized distributor certificates before commencement of work for all items wherever applicable	No	No	Allowed (Optional)

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2	<p>1. Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work. 2. I/We also hereby agree to abide by the Indian Railways Standard General Conditions Of Contract, with all correction slips up-to-date and to carry out 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 Rates with all correction slips up to date for the present contract. 3. I/We have read the various conditions to tender attached hereto and agree to abide by the said conditions. 4.I/We also agree to keep this tender open for acceptance for a period of 63 days from the date of opening of the tender. 5. I/We offer to do the work for DRM/E/G/MAS, at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within the period of completion stipulated in the tender document, from the date of issue of letter of acceptance of the tender. The amount as stipulated in the tender document is herewith forwarded as Earnest Money. Full value of the earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our Tender is accepted and if : (a) I/We do not execute the contract documents as stipulated in performance guarantee clause of GCC as detailed in general instructions. (b) I/We do not commence the work within fourteen days after receipt of orders to that effect. 6. I/We hereby Confirm that the rates, rebates and/or other financial terms, if any, quoted by us in the relevant fields of the Financial Bid page will only be the ruling terms for deciding the inter-se ranking, and any such condition having financial repercussions, if quoted by us anywhere else including attached documents shall not be considered for deciding inter-se ranking. 7. However, Railways shall have the right to incorporate any such condition quoted by us, in the contract, at their discretion, if contract is placed on us. 8. I/We have read the various conditions attached/ referred to in this tender document, and agree to abide by the said conditions.</p>	No	No	Allowed (Mandatory)
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6. Documents attached with tender

S.No.	Document Name	Document Description
1	BLDCCeilingFanSpecification.pdf	BLDC Ceiling fan specification
2	Checklist.pdf	Checklist
3	EarthingType1032.pdf	Earthing arrangement
4	Earthing.pdf	Annexure to Earthing arrangements
5	GCC2022.pdf	IRSGCC April 2022
6	GeneralInstructionstoTenderers.pdf	General instructions to Tenderers
7	LEDspecification-SELSpecPower2-2015.pdf	LED Luminaire Specification
8	ListofWorks.pdf	List of Works
9	MCBDrawing.pdf	Wiring termination on MCB
10	MSBracketsDiagram.pdf	MS Brackets assembly Drawing
11	NEFTFORM.pdf	NEFT Form
12	SpecialconditionsofContractElectrical.pdf	Special conditions of Contract Elec
13	SpecificationforlayingUndergroundcable.pdf	Specification for UG cable Laying
14	SpecificationforTubularlampposts.pdf	Specification for Tubular lamp post
15	specificationforwiringandrewiring.pdf	Specification for Wiring and Rewiri
16	TubelightSpecification.pdf	Tubelight Specification
17	QuantityBreakupdetails.pdf	Quantity Breakup Details
18	Payment_clause_for_LED_luminaries_and_BLDC_fans.pdf	Deferred Paymnet clause
19	Undertakings.pdf	Undertaking
20	ImportantinstructionstoTenderers_1.pdf	Important instructions to Tenderers
21	GCCIRSGCC1-11_compressed12.pdf	IRSGCC Documents

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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: AKHIL SACHIDANAND

Designation : Sr.DEE/G/MAS