



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Ref No: AAI/RHQ-SR/ENGG/AGM(E)/WO-03/2023-24/91

Date: 29.12.2023

To,

M/s. Lakshmi Electrical Enterprises,
No.1c, C.L.C, Works Road,
New Colony, Chrompet,
Chennai -600 044.

Name of Work : Construction of perimeter wall around FTOs and Frisking Rooms at Salem Airport. SH: Electrical Works.

Ref: 1. AAI Tender Id: 2023_AAI_172283_1
2. e-Tender (Price Bid) opened : 23.11.2023.

Dear Sirs,

1. Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs.23,99,225/-** (Rupees Twenty Three Lakhs Ninety Nine Thousand Two Hundred and Twenty Five Only) Plus applicable GST @ 18% which is 29.01% below the justified cost of **Rs.33,79,714/-** Plus applicable GST @ 18%.
2. Asst. General Manager Engg (E), AAI, Administrative offices, RHQ-Southern Region, Chennai shall be Engineer - in - charge of the work. You are requested to attend this office by **21.01.2024** to sign and complete the contract agreement. The contract Agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees One Hundred only). The cost of the stamp paper shall be borne by you.
3. Please deposit **Rs.2,39,923/-** (Rupees Two Lakhs Thirty Nine Thousand Nine Hundred and Twenty Three only) towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per the Clause of 1-A of Clauses of Contract.
4. You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules thereof Central and State Governments.

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5. You are also directed to Salem Airport immediately to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be 04 (Four) Months and same shall be reckoned from 07.01.2024.
7. Any further correspondence in connection with the contract should normally be addressed to the Asst. General Manager Engg (E), AAI, Administrative Offices, RHQ-Southern Region, Chennai.
8. On completion of work, you are requested to clearly indicate AAI GST No. 33AAACA6412D1ZF in your invoice.
9. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

Thanking you,

Encl: 1) Schedule of Quantities – Schedule 'A'

2) E-Sahaj Proforma to be followed for obtaining Airport Entry permit

Yours faithfully

Sujatha
29/12/2023

Asst. General Manager Engg (E)
AAI, RHQ-SR, Chennai Airport

आर. सुजाता / R. SUJATHA

सहायक महाप्रबन्धक (इंजी.-विद्युत) / Assistant General Manager (Engg.-Electrical)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
प्रचालन कार्यालय कॉम्प्लेक्स / Operational Offices Complex
दक्षिणी क्षेत्र, चेन्नई-16 / Southern Region, Chennai-16

SCHEDULE OF QUANTITIES**Schedule - A****Name of Work: Construction of perimeter wall around FTOs and Frisking Rooms at Salem Airport . SH: Electrical Works**

Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	SH:I Supply Items				
1.01	Supply of 30W linear surface mounted LED luminaire IP 66 240V with pressure diecast aluminium alloy housing, PDC aluminium centre cover, UV stablized injection moulded PC diffuser cover, Corrosion resistance powder coated using nano technology, High efficiency isolated driver with necessary safety protections & inbuilt surge protection of 4KV, life of 50,000 burning hrs as per L70 standard, system efficacy >100LPW, CRI>80, THD<5%, comes with additional 6KV external surge protector with 5 years warranty. (LT make: Parker V2 surface or Equivalent)	Each	10	4160.00	41600.00
1.02	Supply of 36W 2 feet X 2 feet surface mounted LED luminaire IP 20 240V with pressure diecast aluminium alloy housing, PDC aluminium centre cover, UV stablized injection moulded clustered PC diffuser cover, Corrosion resistance powder coated using nano technology, High efficiency inbuilt isolated driver with necessary safety protections & inbuilt surge protection of 6KV, life of 50,000 burning hrs as per L70 standard, system efficacy >120LPW, CRI>80, 5700K CCT and THD<5% complete as required with 5 years warranty. (LT make: Fulllit CR Slim V2 surface PRFV203640NDWEPC01 or Equivalent)	Each	50	4365.00	218250.00
1.03	Supply of 36W 2 feet X 2 feet recessed mounted LED luminaire IP 20 240V with pressure diecast aluminium alloy housing, PDC aluminium centre cover, UV stablized injection moulded clustered PC diffuser cover, Corrosion resistance powder coated using nano technology, High efficiency inbuilt isolated driver with necessary safety protections & inbuilt suege protection of 6KV, life of 50,000 burning hrs as per L70 standard, system efficacy >120LPW, CRI>80, 5700K CCT and THD<5% complete as required with 5 years warranty. (LT make: Fulllit CR Slim V2 surface PRFV203657NDWEP or Equivalent)	Each	20	2550.00	51000.00

Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1.04	Supply of 45W LED streetlight luminaire with color temperature (5700K $\pm$ 355K), made of a single piece Pressure die cast aluminum (PDC) housing & has separate driver and optical compartment for Thermal isolation. Powder coated by Corrosion resistant Nano coating technology. The fixture is provided with a injection moulded UV stabilized Polycarbonate cluster lens cover for optimum light spread. Integral encapsulated high efficiency electronic driver having an Aluminum extrusion construction with rated voltage of 140-270V, power factor > 0.95, THD < 5%, IP66 protection, Inbuilt surge protection of 5 KV, has mis wiring, Over voltage, Short circuit, Reverse Polarity protection, Input over Voltage cut-off at 320V with Auto Recovery feature. Also upgraded with integrated IP67 protected SPD of 10KV/5KA surge protection & Line-Line 440VAC Withstand capacity up to 4Hrs. Driver is placed in a separate hingeable compartment which is replaceable in the field condition with minimum Tools. The luminaire lumen output > 135 LPW & system efficacy of >4700 Lm , CRI of 70 .Suitable for pole Dia of 50 -60 mm. BIS Certification for Luminaires & Drivers with 5 years warranty. (LT make: Adornis Min or equivalent)	Each	25	4250.00	106250.00
1.05	Supply of 20W - 24W solar LED street light ALL IN ONE with lumen output of minimum 3500 and system efficiency of >175lm/W, efficient monocrystalline solar panel, new age lithium ferro phosphate battery, uniquely designed aluminum housing for better heat dissipation & strategically placed perforations allowing natural air passive circulation within & into the housing for improved thermal management of internal components, including mounting bracket, IP 65 with 5 years warranty.	Each	15	23500.00	352500.00
1.06	Supply of elevated WHITE coloured out put LED lamp fixture with bird spike protection along with MS powder coated base mount flange for landing H single phase 230V, 6W, IP66,wire free bus type LED cluster, LM-6 Aluminium alloy with Pure Polyster powder coat, Lens made of Polycarbonate U.V stabilized optical grade suitable for outdoor/sunlight exposure, PCB's of Glass epoxy FR-4 grade with UVLO-94 tested type,Fixture with Individual solid-state and inbuilt 5 kV surge protection, cable connector shall be provided along with fixture, designed in accordance with ICAO Aerodrome standards-aerodrome design & operators manual.(Make: RAYDYNAMICS, Model:LTL-5W-UI or any Make meeting requirements).	Each	35	5100.00	178500.00
1.07	Supply of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos.blades, 30 cm long down rod, 2 nos. canopies, shackle kit,safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required with 5 years warranty.	Each	10	2750.00	27500.00

Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1.08	Supply of 400 mm sweep 5 Blade silent operation pedestal fan of 1350 RPM and Air delivery of 85 CMM. (Make: Crompton, Model : SilentPro Pentaflor or Similar product from AAI list of preferred makes)	Each	5	2750.00	13750.00
1.09	Supply of 450 mm dia single phase 1400 RPM heavy duty Exhaust fan (ISI marked) with louver including all accessories etc as required.	Each	5	5400.00	27000.00
1.10	Supply of wall mountable portable Rechargeable Emergency LED lamps 9 to 12 watts with minimum 6 hours backup battery, operating supply of 230V AC, auto on&off etc as required.	Each	5	2500.00	12500.00
1.11	Supply of 150W LED flood light having PDC Aluminium body, corrosion resistant with nano technology powder coating, inbuilt 6kV surge protection, Short circuit, over voltage and thermal protection, additional 10kV Surge protection device to be provided externally, suitable to operate on 230V AC, 1-Phase supply, IP 66, IK 08 rating, THD < 5%, pf > 0.95, with lumen output of >110, with 5 Year Warranty.	Each	5	5400.00	27000.00
2	SH:II Internal & External Electrification :				
2.01	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
2.02	Group C	Point	10	1600.00	16000.00
2.03	Wiring for twin control light point with 1.5sq.mm FRLS PVC insulated copper conductor single core cable in recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc as required.	Point	3	1950.00	5850.00
2.04	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc as required.				
2.05	Group C	Point	6	1500.00	9000.00

Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
2.06	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in recessed steel conduit as required.				
2.07	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Mtr	60	180.00	10800.00
2.08	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Mtr	30	215.00	6450.00
2.09	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Mtr	200	295.00	59000.00
2.10	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc., as required.				
2.11	2 Module	Each	2	60.00	120.00
2.12	3 Module	Each	3	60.00	180.00
2.13	6 Module	Each	1	270.00	270.00
2.14	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
2.15	5/6 A switch	Each	5	45.00	225.00
2.16	15/16 A switch	Each	10	95.00	950.00
2.17	3 pin 5/6 A socket outlet	Each	5	95.00	475.00
2.18	6 pin 5/15 A socket outlet	Each	10	145.00	1450.00
2.19	Telephone Socket	Each	1	195.00	195.00
2.20	Supplying and fixing following way, horizontal type three pole and neutral, IP43, sheet steel, MCB distribution board, 415 V, on recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc., as required.				
2.21	6 way (8 + 18), Double door	Each	1	5400.00	5400.00
2.22	Supplying and fixing Cable End Box (Loose Wire Box) suitable for 8 Way Double door, triple pole and neutral, sheet steel, MCB distribution board, 415 Volts, on recess, complete with testing and commissioning etc.as required.	Jobs	1	2200.00	2200.00

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Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
2.23	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	6	1600.00	9600.00
2.24	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per drawing attached in technical specification for circular box type fan clamp.	Jobs	6	900.00	5400.00
2.25	Supplying and fixing 5 A to 32 A rating, 240 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc., as required				
2.26	Single pole	Each	18	145.00	2610.00
2.27	Supplying and fixing of 63 A rating, four pole, 415 V, MCB in the existing MCB DB complete with connections, testing and commissioning etc., as required.	Each	1	1650.00	1650.00
2.28	Supplying and fixing of 63 A rating, four pole, (three phase and neutral), 415 V, residual current circuit breaker (RCCB), having a sensitivity current 300 mA in the existing MCB DB complete with connections, testing and commissioning etc., as required.	Each	1	5100.00	5100.00
2.29	Installation, testing and commissioning of pre-wired LED fittings of all types, complete with all accessories and tube etc., directly on ceiling/wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc., as required	Each	80	80.00	6400.00
2.30	Installation, testing & commisioning of 45W LED street light fixtures on wall by providing outdoor type IP 66 polycarbonate box of size 155 x 210 x 92 having 6 Amps MCB, 16 Sqmm 4 pole Connector terminal , din bar, supply and laying of 3C x 1.5 Sqmm copper cable between fixture and MCB and earthing connection, including termination for 4C x 16 Sq.mm and suitable GI arm bracket of 1.5 Mtr length and minimum thickness of 3 mm etc., complete as required	Each	25	1500.00	37500.00
2.31	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	10	75.00	750.00

Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
2.32	Installation of exhaust fan with louver in the existing opening, including making good the damage, connection, testing, commissioning with 1.5 sqmm flexible FRLS cable etc., as required. Upto 450mm dia	Each	5	200.00	1000.00
2.33	SITC of 7 Mtrs height Octagonal Hot Dip GI street light pole upto 1 mtr long single arm bracket suitable for mounting single street light luminarie complete with base plate, J foundation bolts with template, washer nuts, anchor plates, earthing stud including providing suitable RCC (1:3:6) pole foundation as per standards/OEM specification, suitable dia heavy duty PVC pipe in foundation for cable entry and exit etc., complete as required.	Each	6	23500.00	141000.00
2.34	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/HUME/ METAL / HDPE pipe as required.				
2.35	Upto 35 Sq.mm	Mtr	600	40.00	24000.00
2.36	Above 95 sq. mm and upto 185 sq. mm	Mtr	200	80.00	16000.00
2.37	Above 185 sq. mm and upto 400 sq. mm	Mtr	280	120.00	33600.00
2.38	Laying of one number XLPE insulated and PVC sheathed power cable of 1.1 KV grade of following size in the existing masonry open duct as required.				
2.39	Above 185 sq. mm and upto 400 sq. mm	Mtr	50	120.00	6000.00
2.40	Supplying and laying of "B" Class G.I pipe of following dia, i/c excavation of bituminous/ concrete road/ pavement, excavation of Soil to maximum depth of 1.2 Mtrs from ground refilling the Soil and with CC of ratio 1:3:6 on top for 0.15 Mtrs after laying Pipe and plastering, making good the same etc., as required.				
2.41	150 mm	Mtr	36	2150.00	77400.00
2.42	Supplying and laying of following size OD HDPE Pipe of PE 80 PN 6 ISI Marked along with all accessories conforming to IS 4984:2016 complete with fitting and cutting, jointing etc., direct in ground (0.75 Mtr below the ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., as required.				

Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
2.43	40mm	Mtr	300	185.00	55500.00
2.44	110mm	Mtr	400	240.00	96000.00
2.45	Supplying and laying of following size OD HDPE Pipe of PE 80 PN 6 ISI Marked along with all accessories conforming to IS 4984:2016 complete with fitting and cutting, jointing etc., direct on wall/roof etc., as required.				
2.46	40 mm (clamped with 3 mm thick saddle)	Mtr	300	60.00	18000.00
2.47	110 mm (clamped with 3 mm thick saddle)	Mtr	80	110.00	8800.00
2.48	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
2.49	4C x 16 Sq.mm	Each	10	250.00	2500.00
2.50	4C x 25 Sq.mm	Each	4	350.00	1400.00
2.51	3.5C x 150 Sq.mm	Each	2	600.00	1200.00
2.52	3.5C x 240 Sq.mm	Each	2	1000.00	2000.00
3	SH:III SITC of Panels				
3.01	Fabrication and Supply of MV Switch Board Panel of Outdoor type (Double door with hinged type outdoor) tested design as per IEC 61439-1 & 2 suitable for 415 V, 3 Phase, 4 wire 50 Hz AC supply, made out of 3mm thick CRCA sheet steel for outer Shell (width not less than 450 mm) with canopy and 2mm thick CRCA sheet steel for inner partition, 3 mm thick for gland plates, dust tight, vermin proof, totally enclosed, cubicle type, floor mounting, free standing, extensible on both sides, painting with 7 tank process for powder coating in approved shade and also includes provision of necessary supporting arrangement with MS "C" channel bottom base channel of MS section not less than 100 mm x 50 mm x 5 mm thick, entire panel shall have a common copper earth bar of size 25mm x 5 mm at the rear with 2 nos earth stud, control wiring with 2.5 Sq.mm. FRLS PVC insulated copper conductor cable, cable alleys, cable gland plates in two half and suitable for outdoor operation, complete with all accessories, interconnection, earthing, alignment with the bus ducts etc., as required comprising of the following:				

Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
3.02	<u>I) Incomer Details:</u> A) Two Nos. of 250 A, 50 KA, 4P MCCBs as per latest IEC with Thermal Magnetic Based Releases for OC/SC Protection as INCOMERS with extended ROM for mechanical ON/OFF, cast resin type CT operated Digital MultifunctionMeter [EM 6400 of Conserve/Equivalent], ON/OFF/TRIP Indication Lamps and Phase Indication Lamps etc., as required. B) One No. of 250 A, 50KA. 4P MCCB as per latest IEC with Thermal Magnetic Based Releases for OC/SC Protection as a Buscoupler with extended ROM for mechanical ON/OFF. Providing Mechanical and Electrical Interlocking Facility for 2 incomers and Buscoupler including necessary contactor arrangements etc., complete as required.				
3.03	<u>II) Outgoing Details:</u> C) Two Nos. of 125 A, 25 KA, 4P MCCBs as per latest IEC with Thermal Magnetic Based Releases for OC/SC Protection as Outgoings with extended ROM for mechanical ON/OFF, cast resin type CT operated Digital MultifunctionMeter [EM 6400 of Conserve/Equivalent], ON/OFF/TRIP Indication Lamps and Phase Indication Lamps, as required. D) Six Nos. of 100 A, 25 KA, 4P MCCBs as per latest IEC with Thermal Magnetic Based Releases for OC/SC Protection as Outgoings with extended ROM for mechanical ON/OFF, cast resin type CT operated Digital MultifunctionMeter [EM 6400 of Conserve/Equivalent], ON/OFF/TRIP Indication Lamps and Phase Indication Lamps, as required. E) Two Nos. of Three Phase Surge Protection Device (SPD)for both direct and indirect lightning having 100KA 10/350 micro seconds neutral to earth, 50 KA 10/350 micro sec line to neutral respectively, with limiting voltage less than 1.5 KV connected on the mains power entry point at the incomers & of modular type. F) One Set of 400 Amps Al. Bus Bars with at Par Neutral BUS BARS as required. G) All accessories such as fuses, auxillary contactors, auxillary switches, etc. complete as required.	Job	1	256000.00	2,56,000.00

Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
3.04	Installation, Testing and Commissioning of MV Switch Board Outdoor Type panel mentioned in Item No. from 3.01 to 3.03 including excavation for foundation, providing RCC foundation up to 45 cm height above GL, fixing of panel over the RCC foundation with Fastner and earthing connections etc. complete as required.	Job	1	6000.00	6,000.00
3.05	Supply of Loop-in Loop-out Box Outdoor type (Double door with hinged type outdoor and key lock) made out of 3mm thick CRCA sheet steel for outer Shell (width not less than 450 mm) with canopy and 2mm thick CRCA sheet steel for inner partition, 3 mm thick for gland plates, dust tight, vermin proof, totally enclosed, cubicle type, floor mounting, free standing, extensible on both sides, painting with 7 tank process for powder coating in approved shade and also includes provision of necessary supporting arrangement with MS "C" channel with 125A copper busbar for three Phase & One Neutral, Gland & connection Provision for one incomer (3.5 C x 150 sq mm) and 5 outgoing, earth connection and suitable for Three Phase AC supply etc complete as required.	Job	1	4900.00	4,900.00
3.06	Installation of Outdoor type Loop-In Loop-Out Box mentioned in item no.3.05 including excavation for RCC foundation of 0.8(L)x0.75(W)x0.5(D) all dimensions in metre upto ground level, Fixing of Junction Box over the RCC foundation with Channel upto an height of 400mm with necessary fixing arrangements etc. including cable terminations complete as required.	Job	1	2500.00	2,500.00
3.07	Supply and fixing of 125A, 4 pole, 3 phase, 415V On Load manual changeover confined to IEC: 60947-3 with powder coated sheet steel enclosure with ROM type extendable handle, suitable arrangement shall be made for wall mounting of the enclosure etc complete as required.	Job	1	6500.00	6,500.00
3.08	Supplying and fixing of Loop-in Loop-out Box made of Transparent Polycarbonate with 125A copper busbar for three Phase & Neutral, Gland & connection Provision for one incomer and 5 outgoing, earth connection and suitable for three Phase AC supply etc complete as required. (Make: Hensel or equivalent)	Job	1	4500.00	4,500.00
4	SH:IV SITC of Electrical Items for UPS				
4.01	Supply of 3.5C x 95 Sq.mm size XLPE insulated PVC sheathed aluminium conductor armoured power cable of 1.1KV grade confirming to IS 7098 (PART-I) with upto date amendments as required.	Metre	150	460.00	69,000.00
4.02	Laying of one number XLPE insulated and PVC sheathed power cable of 1.1 KV grade of following size in the existing masonry open duct as required.				
4.03	Above 95 sq. mm and upto 185 sq. mm	Metre	150	60.00	9,000.00

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Sl. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
4.04	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C x 95 Sq.mm size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	Each	8	750.00	6,000.00
4.05	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.	Set	4	14500.00	58,000.00
4.06	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with nut, bolt, spring, washer etc., as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	Metre	15	1300.00	19,500.00
4.07	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required	Metre	80	1450.00	1,16,000.00
4.08	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	Metre	60	1200.00	72,000.00
4.09	Providing,fixing and laying of following sizes Unplasticized Polyvinyl Chloride (UPVC) pipes at 0.5 Mtr below direct in ground, including all UPVC plain & brass threaded fittings this includes jointing of pipes & fittings with one step UPVC solvent cement, trenching, refilling & testing of joints complete etc., as required.				
4.10	32mm nominal dia	Metre	100	155.00	15,500.00
4.11	25mm nominal dia	Metre	200	130.00	26,000.00
				Total excluding GST	23,99,225.00
				Add GST @ 18%	4,31,860.50
				Total including GST	28,31,086.00

(Rupees Twenty Eight Lakhs Thirty One Thousand and Eighty Six Only) incl GST

Signature Not Verified

Digitally signed by R SUJATHA

Date: 2024.01.05 16:16:35 IST

Location: eProcurement System for Central PSUs



Asst.General Manager (E-E)
AAI,RHQ-SR,Chennai

आर. सुजाता / R. SUJATHA

एक महाप्रबंधक (इंजी. - विद्युत) / Assistant General Manager (Engg. - Electrical)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
प्रचालन कार्यालय कॉम्प्लेक्स / Operational Offices Complex
दक्षिणी क्षेत्र, चेन्नई - 16 / Southern Region, Chennai-16