



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
वीरसावरकरअंतर्राष्ट्रीयहवाई अड्डा , पोर्टब्लेयर
VSI AIRPORT, PORT BLAIR



No. AAI/PB/Elect(E)/Misc. Electrical/2022-23/ 82

Date: 03.11.2022

To,

M/s. G. K. Construction,
Mubarak Store,
Aberdeen Bazaar,
South Andaman - 744101

Name of work: Miscellaneous Electrical Works at VSI Airport, Port Blair.

Reference:

- i) Your e-bid No. 474925 Dt. 10.10.2022(Tender ID No. 2022_AAI_128584_1) opened on 21.10.2022.

Dear Sir,

1. Your E-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by totaling to Rs.63,66,325.00 (Sixty Three Lakhs Sixty Six Thousand Three Hundred and Twenty Five Rupees only), (excluding GST) which is 16.03% below the estimated cost put to tender of Rs, 75,81,946.00 (excluding GST).
2. Jt .GM (Engg-Elect) Airports Authority of India, Port Blair Airport, shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf to attend this office by 18.11.2022 to sign and complete the contract agreement. The contract agreement shall be executed on a Non-Judicial Stamp Paper of Value Rs. 200/- and the cost of the same shall be borne by you.
3. Please deposit Rs.6,36,633.00(Rupees Six Lakh Thirty Six Thousand Six Hundred Thirty 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 GCC Clause 1A on page 17 of the contract document.
4. You are requested to comply with the provision of Contract labour (Regulation and abolition) Act 1970 and contract labor (Regulation and Abolition) Central rules 1971 Child Labor (Prohibition & Regulation) Act. 1986, Construction Workers (Regulation of employment and Condition of Service). Act 1996, Building and other construction Workers Welfare Cess Act 1996 and Employee Provident Fund & Miscellaneous Provision Act, 1952 & ESI Act, 1948 as specified in GCC / Supplementary Conditions and Particular Specification Under Annual Comprehensive Maintenance Contracts of tender and rules of Central and State Governments.

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5. You are directed to contact Asst. Gen. Manager (Engg-Elect)-II, Airports Authority of India, Port Blair Airport Immediately who will arrange to hand over the site to you.
6. Please note that as per NIT page eNIT1 the time allowed for carrying out the work shall be 12 months (Twelve Months) and same shall be reckoned from the 10th day from the date of issue of this letter.
7. Any further correspondence in connection with the contract should normally be addressed to Engineer in-charge, Airports Authority of India.
8. 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.

Enclosure: Schedule of Quantities.

Yours faithfully


(J. Ravi) 03/11/22

Jt. GM(Engg-Elect),
AAI, VSI Airport,
Port Blair.

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Asst.Gen.Manager (E-E), VSI Airport, Port Blair

Name of Work: Miscellaneous Electrical Works at VSI Airport, Port Blair

Contract No: 2022_AAI_128584_1

Name of the Bidder/ Bidding Firm / Company :	M/s G K Construction					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Supply of 4 core 25 Sq.mm XLPE insulated PVC inner sheathed, armoured aluminium conductor underground power cable of 1.1 KV grade of conforming to IS:7098(Part-I) 1988, with upto date amendments etc., complete as required.	250	Mtr	244.00	61000.00	INR Sixty One Thousand Only
2	Supply of 3.5 core 50 Sq.mm XLPE insulated PVC inner sheathed, armoured aluminium conductor underground power cable of 1.1 KV grade of conforming to IS:7098(Part-I) 1988, with upto date amendments etc., complete as required.	250	Mtr	374.00	93500.00	INR Ninety Three Thousand Five Hundred Only
3	Supply of 3.5 core 150 Sq.mm XLPE insulated PVC inner sheathed, armoured aluminium conductor underground power cable of 1.1 KV grade of conforming to IS:7098(Part-I) 1988, with upto date amendments etc., complete as required.	250	Mtr	910.00	227500.00	INR Two Lakh Twenty Seven Thousand Five Hundred Only
4	Supply of 3.5 core 240 Sq.mm XLPE insulated PVC inner sheathed, armoured aluminium conductor underground power cable of 1.1 KV grade of conforming to IS:7098(Part-I) 1988, with upto date amendments etc., complete as required.	250	Mtr	1645.00	411250.00	INR Four Lakh Eleven Thousand Two Hundred & Fifty Only
5	Supply of 3core 2.5 sq.mm of 1.1kv grade FR PVC multicore copper conductor XLPE insulated and PVC sheathed unarmoured Power cable as per IS : 694 with upto date amendments.	500	Mtr	144.00	72000.00	INR Seventy Two Thousand Only
6	Supply of 4core 4 sq.mm of 1.1kv grade FR PVC multicore copper conductor XLPE insulated and PVC sheathed unarmoured Power cable as per IS : 694 with upto date amendments.	500	Mtr	258.00	129000.00	INR One Lakh Twenty Nine Thousand Only
7	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required – Up to 35 Sq.mm	350	Mtr	25.00	8750.00	INR Eight Thousand Seven Hundred & Fifty Only
8	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required – above 35 sq.mm and up to 95 Sq.mm	250	Mtr	25.00	6250.00	INR Six Thousand Two Hundred & Fifty Only
9	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required – above 95 sq.mm and up to 185 Sq.mm	250	Mtr	40.00	10000.00	INR Ten Thousand Only
10	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface etc as required.- up to 35 sq.mm (clamped with 1mmthick saddle)	300	Mtr	90.00	27000.00	INR Twenty Seven Thousand Only
11	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface etc as required.- above 35 sq.mm and up to 95 Sq.mm (clamped with 25 x3 mm thick MS flat clamp)	250	Mtr	90.00	22500.00	INR Twenty Two Thousand Five Hundred Only

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1	2	3	4	5	6	7
12	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface etc as required.- above 95 sq.mm and up to 185 Sq.mm (clamped with 25/40 x 3 mm thick MS flat clamp)	250	Mtr	90.00	22500.00	INR Twenty Two Thousand Five Hundred Only
13	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.- up to 35 sq.mm (clamped with 1mmthick saddle)	300	Mtr	90.00	27000.00	INR Twenty Seven Thousand Only
14	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.- above 35 sq.mm and up to 95 Sq.mm (clamped with 25 x3 mm thick MS flat clamp)	250	Meter	90.00	22500.00	INR Twenty Two Thousand Five Hundred Only
15	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.- above 95 sq.mm and up to 185 Sq.mm (clamped with 25/40 x 3 mm thick MS flat clamp)	250	Mtr	90.00	22500.00	INR Twenty Two Thousand Five Hundred Only
16	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/DWC/HDPE pipe as required. – up to 35 sq.mm	300	Mtr	40.00	12000.00	INR Twelve Thousand Only
17	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/DWC/HDPE pipe as required. – above 35 sq.mm and up to 95 Sq.mm	250	Mtr	40.00	10000.00	INR Ten Thousand Only
18	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/DWC/HDPE pipe as required. – above 95 sq.mm and up to 185 Sq.mm	250	Mtr	40.00	10000.00	INR Ten Thousand Only
19	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.- 4 x 25 sq.mm (28mm)	20	Set	125.00	2500.00	INR Two Thousand Five Hundred Only
20	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.- 31/2 x 50 sq.mm (35mm)	10	Set	280.00	2800.00	INR Two Thousand Eight Hundred Only
21	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.- 31/2 x 150 sq.mm (50mm)	8	Set	300.00	2400.00	INR Two Thousand Four Hundred Only
22	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.- 31/2 x 240 sq.mm (62mm)	4	Set	300.00	1200.00	INR One Thousand Two Hundred Only
23	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. – 31/2 x 150 sq.mm	2	Set	7500.00	15000.00	INR Fifteen Thousand Only
24	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. – 31/2 x 150 sq.mm	2	Set	7500.00	15000.00	INR Fifteen Thousand Only
25	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.	5	Job	15500.00	77500.00	INR Seventy Seven Thousand Five Hundred Only
26	Earthing with G.I. earth plate 600 mm X 600 mm X 6 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.	5	Job	13500.00	67500.00	INR Sixty Seven Thousand Five Hundred Only
27	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required	5	Job	6000.00	30000.00	INR Thirty Thousand Only

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1	2	3	4	5	6	7
28	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.	50	Mtr	1850.00	92500.00	INR Ninety Two Thousand Five Hundred Only
29	Providing and fixing 25 mm X 5 mm G.I. 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.	50	Mtr	580.00	29000.00	INR Twenty Nine Thousand Only
30	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	100	Mtr	1400.00	140000.00	INR One Lakh Forty Thousand Only
31	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	100	Mtr	180.00	18000.00	INR Eighteen Thousand Only
32	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 surface / 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. Group C	100	Each	950.00	95000.00	INR Ninety Five Thousand Only
33	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required -2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	100	Mtr	125.00	12500.00	INR Twelve Thousand Five Hundred Only
34	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required -2 X 4 sq. mm + 1 X 4 sq. mm earth wire	100	Mtr	158.00	15800.00	INR Fifteen Thousand Eight Hundred Only
35	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required -4X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	100	Mtr	215.00	21500.00	INR Twenty One Thousand Five Hundred Only
36	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required -4X 4 sq. mm + 2 X 4 sq. mm earth wire	100	Mtr	318.00	31800.00	INR Thirty One Thousand Eight Hundred Only
37	Supplying and fixing following size/ modules PVC box along with modular base & cover plate for modular switches in surface/ recess etc. as required.- 1 or 2 Module (75mmX75mm)	50	Each	77.00	3850.00	INR Three Thousand Eight Hundred & Fifty Only
38	Supplying and fixing following size/ modules PVC box along with modular base & cover plate for modular switches in surface/ recess etc. as required.- 3 Module (100mmX75mm)	50	Each	103.00	5150.00	INR Five Thousand One Hundred & Fifty Only
39	Supplying and fixing following size/ modules PVC box along with modular base & cover plate for modular switches in surface/ recess etc. as required.- 4 Module (125mmX75mm)	50	Each	122.00	6100.00	INR Six Thousand One Hundred Only
40	Supplying and fixing following size/ modules PVC box along with modular base & cover plate for modular switches in surface/ recess etc. as required.- 6 Module (200mmX75mm)	50	Each	169.00	8450.00	INR Eight Thousand Four Hundred & Fifty Only
41	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.- 5 / 6 A Switch	100	Each	22.00	2200.00	INR Two Thousand Two Hundred Only
42	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.- 15 / 16 A Switch	100	Each	70.00	7000.00	INR Seven Thousand Only
43	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.- 3 pin 5/6 A socket outlet	100	Each	60.00	6000.00	INR Six Thousand Only
44	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.- 15/16 A socket outlet	100	Each	98.00	9800.00	INR Nine Thousand Eight Hundred Only
45	Supplying and fixing of 20 mm of medium FRLS PVC conduit along with accessories in surface/recess including clamping in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.	500	Mtr	38.00	19000.00	INR Nineteen Thousand Only
46	Supplying and fixing of 25 mm of medium FRLS PVC conduit along with accessories in surface/recess including clamping in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.	500	Mtr	55.00	27500.00	INR Twenty Seven Thousand Five Hundred Only

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1	2	3	4	5	6	7
47	Supply of 450mm sweep wall mount fan complete with all accessories such as brackets, fixing arrangement etc. complete as required.	15	Each	3925.00	58875.00	INR Fifty Eight Thousand Eight Hundred & Seventy Five Only
48	Installation, testing and commissioning of wall mount fan including fixing the fan on wall and wiring with 1.5 sq. mm FRLS PVC insulated, copper conductor, three core cable etc. as required.	15	Job	100.00	1500.00	INR One Thousand Five Hundred Only
49	Supply of 450mm sweep pedestal fan complete with all accessories as required.	15	Each	4250.00	63750.00	INR Sixty Three Thousand Seven Hundred & Fifty Only
50	Supply of 240 V, 6A, 6 nos 3 pin-universal socket spike guard/power strip complete with inbuilt fuse protection.	20	Each	450.00	9000.00	INR Nine Thousand Only
51	Supply & laying of Cat 6 / UTP cable in the existing raceway/cable tray/ conduit etc as required	5000	Mtr	38.00	190000.00	INR One Lakh Ninety Thousand Only
52	Supply, Installation, Testing and Commissioning of CAT 6 A information outlet sockets including necessary surface mounted box & faceplate etc, as required.	60	Each	240.00	14400.00	INR Fourteen Thousand Four Hundred Only
53	Supplying and fixing 6 way, double door, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	5	Each	1450.00	7250.00	INR Seven Thousand Two Hundred & Fifty Only
54	Supplying and fixing 8 way, double door, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	5	Each	1780.00	8900.00	INR Eight Thousand Nine Hundred Only
55	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker of single pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.	15	Each	180.00	2700.00	INR Two Thousand Seven Hundred Only
56	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker of double pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.	15	Each	650.00	9750.00	INR Nine Thousand Seven Hundred & Fifty Only
57	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker of triple pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.	15	Each	950.00	14250.00	INR Fourteen Thousand Two Hundred & Fifty Only
58	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker of four poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	15	Each	1480.00	22200.00	INR Twenty Two Thousand Two Hundred Only
59	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	30	Each	480.00	14400.00	INR Fourteen Thousand Four Hundred Only
60	Supplying and fixing FP sheet steel enclosure on surface/ recess along with 16/25/32 A 415 V "C" curve FP MCB complete with connections, testing and commissioning etc. as required.	10	Each	480.00	4800.00	INR Four Thousand Eight Hundred Only
61	Supplying, installation, testing & commissioning of cubicle panel box with 1.6mm thick sheet steel enclosure (IP42) duly powder coated on wall including provision and fixing of 250 A Four Pole MCCB 36kA SC for 1 sec capacity, with thermo magnetic release and terminal spreaders, rotary handles in the cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.	2	Job	28000.00	56000.00	INR Fifty Six Thousand Only
62	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.- 300 mm width X 62.5 mm depth X 2.0 mm thickness	200	Mtr	860.00	172000.00	INR One Lakh Seventy Two Thousand Only

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1	2	3	4	5	6	7
63	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.- 450 mm width X 62.5 mm depth X 2.0 mm	200	Mtr	1160.00	232000.00	INR Two Lakh Thirty Two Thousand Only
64	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.- 750 mm width X 62.5 mm depth X 2.0 mm thickness	200	Mtr	1750.00	350000.00	INR Three Lakh Fifty Thousand Only
65	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.- 900 mm width X 62.5 mm depth X 2.0 mm thickness	200	Mtr	2050.00	410000.00	INR Four Lakh Ten Thousand Only
66	Supplying and installing following size of perforated painted with powder coating M.S. cable tray bends with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.- 300 mm width X 62.5 mm depth X 2.0 mm thickness	20	Each	2150.00	43000.00	INR Forty Three Thousand Only
67	Supplying and installing following size of perforated painted with powder coating M.S. cable tray bends with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.- 450 mm width X 62.5 mm depth X 2.0 mm thickness	20	Each	2890.00	57800.00	INR Fifty Seven Thousand Eight Hundred Only
68	Supplying and installing following size of perforated painted with powder coating M.S. cable tray bends with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.- 750 mm width X 62.5 mm depth X 2.0 mm thickness	20	Each	4670.00	93400.00	INR Ninety Three Thousand Four Hundred Only
69	Supplying and installing following size of perforated painted with powder coating M.S. cable tray bends with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.- 900 mm width X 62.5 mm depth X 2.0 mm thickness	20	Each	5240.00	104800.00	INR One Lakh Four Thousand Eight Hundred Only
70	Providing and laying in position cement concrete 1:3:6 (1 cement : 2 coarse sand : 6 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc. including form work etc as required	10	M3	12000.00	120000.00	INR One Lakh Twenty Thousand Only
71	Providing, laying and fixing following 80 mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required	100	Mtr	945.00	94500.00	INR Ninety Four Thousand Five Hundred Only
72	Providing, laying and fixing following 100 mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required	50	Mtr	1350.00	67500.00	INR Sixty Seven Thousand Five Hundred Only
73	Providing, laying and fixing following 150 mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required	50	Mtr	1990.00	99500.00	INR Ninety Nine Thousand Five Hundred Only
74	Supplying and laying of 50 mm nominal dia DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 16205 complete with fitting and cutting, jointing etc, direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.	500	Mtr	175.00	87500.00	INR Eighty Seven Thousand Five Hundred Only
75	Supplying and laying of 90 mm nominal dia DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 16205 complete with fitting and cutting, jointing etc, direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.	500	Mtr	280.00	140000.00	INR One Lakh Forty Thousand Only

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1	2	3	4	5	6	7
76	Supplying and laying of 160 mm nominal dia DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 16205 complete with fitting and cutting, jointing etc, direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.	500	Mtr	435.00	217500.00	INR Two Lakh Seventeen Thousand Five Hundred Only
77	Excavation for cable trenches of depth upto 1.2 m in soft soil including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 metres.	10	M3	600.00	6000.00	INR Six Thousand Only
78	Supply, installation testing commissioning of Flexible LED light strip minimum 9W per running meter strip along with transparent housing unit/rail, IP 20 CCT:2500K-3000K complete with driver and all accessories as required. (Bajaj .nxt 75W PROFESSIONAL LED STRIP IP20 WW+ driver or Havells FLEXISTRIP5MIP2024V/2ALEDD865MOD V1+driver or equivalent)	750	Mtr	362.00	271500.00	INR Two Lakh Seventy One Thousand Five Hundred Only
79	Supply, installation, testing & commissioning of LED Spike Light, CCT 3000K, CRI>70, IP-65 with lamp, and other accessories etc. complete as required. (Make:- Bajaj CAT No. BGSBL 9W LED WW, Havells cat. no:LYCUSSPS9WLED730 or equivalent of any of above)	20	Each	2760.00	55200.00	INR Fifty Five Thousand Two Hundred Only
80	Supply of Recessed Mounted spot downlighter LED Light fixture with LEDs of approved make as per specifications, having lumen efficacy of >=100 lumens per watt and lumen maintenance of 70% at the end of 50,000 burning hours, CCT of 3000-4000K & System Lumens of > 1000 Lumens, CRI>80, inbuilt driver suitable for 240V/50Hz supply having voltage operating range of 140V-270Vac, PF>0.95, Surge Protection of > 2.5KV, THD must be <15%, overall efficiency of driver shall be >85%. (Philips DN590B M LED10S-6500 PSU WH MB or KLite Platina Mini Series Cat no 3334 or equivalent)	80	Each	660.00	52800.00	INR Fifty Two Thousand Eight Hundred Only
81	Supply of LED Flood light fixture having housing made from pressure die cast aluminium, toughened glass cover to ensure IP65 protection. LED of approved makes having lumen efficacy of >=110 lumens per watt system Lumens > 10000 Lumens, CRI>70, inbuilt driver/surge protection, PF>0.95 etc. complete as per specifications. (BAJAJ PRAZE F 120L WH NB-A5 TG SD or PHILIPS BY325P LED130S CW PSU GR FG WB or HAVELLS JETAIRISFLS120WLED757ARWB or equivalent)	20	Each	3960.00	79200.00	INR Seventy Nine Thousand Two Hundred Only
82	Supply, installation, testing and commissioning of track Mounted spotlight LED Light fixture with LEDs of approved make as per specifications along with 1 metre track, having lumen efficacy of >=100 lumens per watt and lumen maintenance of 70% at the end of 50,000 burning hours, CCT of 4000K & System Lumens of > 1200 Lumens, CRI>80, inbuilt driver suitable for 240V/50Hz supply having voltage operating range of 140V-270Vac, PF>0.95, Surge Protection of > 2KV, THD must be <15% and overall efficiency of driver shall be >85%. (Philips ST030T LED12/830 14W 220-240V MB WH or Havells UNECOTRACKLIGHT TS 15WLED830S38WHT)	30	Each	3100.00	93000.00	INR Ninety Three Thousand Only
83	Supply of 4ft LED batten tube light for surface/pendant applications, with lamp, connector, and other accessories etc. complete as required. (Make:- Bajaj: BCLAB 20W LED P or Philips BN308C LED60S-6500 L120 PSU WH or equivalent of any of above).	100	Each	264.00	26400.00	INR Twenty Six Thousand Four Hundred Only
84	Installation, testing and commissioning of pre-wired, LED fittings of all types, complete with all accessories and anchor bolts, thread rods etc. directly on surface/ceiling/ wall/structure, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, three core cable etc. as required.	250	Each	100.00	25000.00	INR Twenty Five Thousand Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
85	Supply, Installation, Testing and Commissioning of control panel cubicle type, starter panel made out of 16 SWG CRCA sheet steel, totally enclosed, IP 42, protection, wall mounting type, dust and vermin proof, indoor, compartmentalized, powder coated painting suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC supply interconnections with 2.5 sq.mm size of FRLS copper wire, control circuit, auto/ manual selector switch and having following component and accessories. Cable entry provision shall have both Top/Bottom option i. Wiring for micro switch for stopping the fan when fire damper closes. ii. All outgoing feeders shall be provided with Stop / Manual /Auto selector switch to facilitate remote operation through BAS. All starters shall be provided with potential free Contact. iii. Suitable rating TP MPCB with over load and short circuit protection including separate neutral link. iv. Digital electronic VAF meter with inbuilt selector switch and 3No. Suitable rating CL.1 CTs – 1 set v. Phase indicating light through 2 amps SP MCB -2 sets vi. ON/OFF/Trip indication with MCB protection for motors – 2 set vii. Start / Stop push button – 2 set viii. Power / control terminal as required – 2 set ix. All starters shall have provision of separate incoming and outgoing cable x. Power contactor for Star Delta starter of following suitable rating – 2 set xi. Incoming-32A FP MCB-2 nos xii. Outgoing -15 HP star-delta starter with suitable contactors, auxiliary contacts, over load relays etc.- 2 nos	3	Job	85000.00	255000.00	INR Two Lakh Fifty Five Thousand Only
86	Supply, Installation, Testing and Commissioning of control panel cubicle type, starter panel made out of 16 SWG CRCA sheet steel, totally enclosed, IP 42, protection, wall mounting type, dust and vermin proof, indoor, compartmentalized, powder coated painting suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC supply interconnections with 2.5 sq.mm size of FRLS copper wire, control circuit, auto/ manual selector switch and having following component and accessories. Cable entry provision shall have both Top/Bottom option i. Wiring for micro switch for stopping the fan when fire damper closes. ii. All outgoing feeders shall be provided with Stop / Manual /Auto selector switch to facilitate remote operation through BAS. All starters shall be provided with potential free Contact. iii. Suitable rating TP MPCB with over load and short circuit protection including separate neutral link. iv. Digital electronic VAF meter with inbuilt selector switch and 3No. Suitable rating CL.1 CTs – 1 set v. Phase indicating light through 2 amps SP MCB -6 sets vi. ON/OFF/Trip indication with MCB protection for motors – 6 set vii. Start / Stop push button – 6 set viii. Power / control terminal as required – 6 set ix. All starters shall have provision of separate incoming and outgoing cable x. Power contactor for Star Delta starter of following suitable rating – 6 set xi. Incoming-32A FP MCB-6 nos xii. Outgoing -15 HP star-delta starter with suitable contactors, auxiliary contacts, over load relays etc.- 6 nos	1	Job	260000.00	260000.00	INR Two Lakh Sixty Thousand Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
87	Supply, Installation, Testing and Commissioning of control panel cubicle type, starter panel made out of 16 SWG CRCA sheet steel, totally enclosed, IP 42, protection, wall mounting type, dust and vermin proof, indoor, compartmentalized, powder coated painting suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC supply interconnections with 2.5 sq.mm size of FRLS copper wire, control circuit, auto/ manual selector switch and having following component and accessories. Cable entry provision shall have both Top/Bottom option i. Wiring for micro switch for stopping the fan when fire damper closes. ii. All outgoing feeders shall be provided with Stop / Manual /Auto selector switch to facilitate remote operation through BAS. All starters shall be provided with potential free Contact. iii. Suitable rating TP MPCB with over load and short circuit protection including separate neutral link. iv. Digital electronic VAF meter with inbuilt selector switch and 3No. Suitable rating CL.1 CTs – 1 set v. Phase indicating light through 2 amps SP MCB -1 sets vi. ON/OFF/Trip indication with MCB protection for motors – 1 set vii. Start / Stop push button – 1 set viii. Power / control terminal as required – 1 set ix. All starters shall have provision of separate incoming and outgoing cable x. Power contactor for Star Delta starter of following suitable rating – 1 set xi. Incoming-32A FP MCB-1 nos xii. Outgoing -15 HP star-delta starter with suitable contactors, auxiliary contacts, over load relays etc.- 1 nos	1	Job	45000.00	45000.00	INR Forty Five Thousand Only
88	Supply, Installation, Testing and Commissioning of control panel cubicle type, starter panel made out of 16 SWG CRCA sheet steel, totally enclosed, IP 42, protection, wall mounting type, dust and vermin proof, indoor, compartmentalized, powder coated painting suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC supply interconnections with 2.5 sq.mm size of FRLS copper wire, control circuit, auto/ manual selector switch and having following component and accessories. Cable entry provision shall have both Top/Bottom option i. Wiring for micro switch for stopping the fan when fire damper closes. ii. All outgoing feeders shall be provided with Stop / Manual /Auto selector switch to facilitate remote operation through BAS. All starters shall be provided with potential free Contact. iii. Suitable rating TP MPCB with over load and short circuit protection including separate neutral link. iv. Digital electronic VAF meter with inbuilt selector switch and 3No. Suitable rating CL.1 CTs – 1 set v. Phase indicating light through 2 amps SP MCB -2 sets vi. ON/OFF/Trip indication with MCB protection for motors – 2 set vii. Start / Stop push button – 2 set viii. Power / control terminal as required – 2 set ix. All starters shall have provision of separate incoming and outgoing cable x. Power contactor for Star Delta starter of following suitable rating – 2 set xi. Incoming-32A FP MCB-2 nos xii. Outgoing -7.5 HP star-delta starter with suitable contactors, auxiliary contacts, over load relays etc.- 2 nos	1	Job	79650.00	79650.00	INR Seventy Nine Thousand Six Hundred & Fifty Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
89	Supply, Installation, Testing and Commissioning of control panel cubicle type, starter panel made out of 16 SWG CRCA sheet steel, totally enclosed, IP 42, protection, wall mounting type, dust and vermin proof, indoor, compartmentalized, powder coated painting suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC supply interconnections with 2.5 sq.mm size of FRLS copper wire, control circuit, auto/ manual selector switch and having following component and accessories. Cable entry provision shall have both Top/Bottom option i. Wiring for micro switch for stopping the fan when fire damper closes. ii. All outgoing feeders shall be provided with Stop / Manual /Auto selector switch to facilitate remote operation through BAS. All starters shall be provided with potential free Contact. iii. Suitable rating TP MPCB with over load and short circuit protection including separate neutral link. iv. Digital electronic VAF meter with inbuilt selector switch and 3No. Suitable rating CL 1 CTs – 1 set v. Phase indicating light through 2 amps SP MCB –4 sets vi. ON/OFF/Trip indication with MCB protection for motors – 4 set vii. Start / Stop push button – 4 set viii. Power / control terminal as required – 4 set ix. All starters shall have provision of separate incoming and outgoing cable x. Power contactor for Star Delta starter of following suitable rating – 4 set xi. Incoming-32A FP MCB-4 nos xii. Outgoing -2 HP DOL starter with suitable contactors, auxiliary contacts, over load relays etc.- 4 nos	1	Job	80000.00	80000.00	INR Eighty Thousand Only
90	Supply , Installation, testing & commissioning 4 TR Wall/Floor split AC unit with inverter compressor for capacities as per specifications with Remote Control (Minimum three Star Rating Approved by BEE, India) suitable for operation at 230 V+/- 10% AC power supply, complete with providing & fixing suitable length up to 15mtrs Copper Pipe & copper Pipe Insulation and copper conductor PVC insulated, PVC sheathed multi core power cable from indoor to outdoor unit, provision and fixing of suitable stand for outdoor unit .	2	Job	155000.00	310000.00	INR Three Lakh Ten Thousand Only
Total in Figures					6366325.00	INR Sixty Three Lakh Sixty Six Thousand Three Hundred & Twenty
Quoted Rate in Words	INR Sixty Three Lakh Sixty Six Thousand Three Hundred & Twenty Five Only					

* Applicable GST will be paid extra on production of documentary evidence.

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Jt. GM (Engg-Elect)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वी. एस. आइ. एयरपोर्ट VSI Airport
पोर्ट ब्लेयर Port Blair