



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

ISO 9001:2015
&
ISO 14001:2015

संदर्भ सं : Ref.No. AAI/RJY/ENGG(E)/SITC AFLHM/2021-22/799-81 दिनांक/ Date:12.10.2021

सेवा में/To,

// Speed Post / Email //

M/s. CGPL Electromech Pvt., Ltd.,
B-53, First Floor, B-Block,
Near Mother Dairy Sector-8, Dwarka,
New Delhi - 110077.

Email: info.cgple@gmail.com; tech.cgple@gmail.com

कार्य का नाम/
Name of Work : **Extension of Apron in order to Reconfigure 11 Nos. bays along with construction of Additional 4 Nos Helicopter bays at Rajahmundry Airport.**

Sub Head : **SITC Of Apron Flood Lighting High Masts, LT Panels and allied Electrical Works**

स सं. Ref 1) Tender ID : 2021_AAI_77591_1.
2) Your e-tender (Envelope-II - Financial bid) opened on 07.06.2021.

महोदय/Dear Sir(s),

1. Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totalling to **₹ 73,81,465/- (Rupees Seventy Three Lakhs Eighty One Thousand Four Hundred and Sixty Five Only) plus GST@ 18%** which is 17.68% below the estimated cost put to tender of ₹ 89,66,586/-plus GST@ 18%.
2. Asst. General Manager (Engg-Elect), AAI, Rajahmundry Airport, shall be the Engineer-in-Charge of the work. You are requested to attend the office of the Asst. General Manager (Engg-Elect), AAI, Rajahmundry Airport by 26.10.2021 to sign and complete the agreement. The contract agreement shall be executed on a Non-Judicial stamp paper of value Rs.100/- (Rupees One hundred only) and the cost of the stamp papers shall be borne by you.
3. Please deposit **₹ 7,38,147/- (Rupees Seven Lakhs Thirty Eight Thousand One Hundred and Forty Seven Only)** towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from yours running bills as per condition of clause 1A (Recovery of Security Deposit) of GCC of contract document.
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.

Contd...2.

विमानपत्तन निदेशक का कार्यालय, राजमंड्री हवाई अड्डा (प्रा. वि.), राजमंड्री - 533 102.
O/o The Airport Director, Rajahmundry, Airports Authority of India (Post), Rajahmundry - 533 102.
टेली फैक्स/Tele - FAX: 0883-2487852, दूरभाषीय फ़ोन: 0883-2020111, Engg-E: 0883-2020171



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: 2 :

5. You are also directed to contact Manager(Engg-E) / Asst. Manager (Engg-E), AAI, Rajahmundry Airport immediately who will arrange to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be **06 (Six) Months** and same shall be reckoned from **22.10.2021 to 21.04.2022**.
7. Any further correspondence in connection with the contract should normally be addressed to the Asst. General Manager (Engg-Elect), AAI, Rajahmundry Airport, Rajahmundry -533102.
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.

भवदीय/Yours Faithfully,

अनुलग्नक/Encl: Schedule of Quantities.

(एम. मुत्थमिलन / M. MUTHAMILAN)

सहायक महा प्रबंधक (अभि-वि)/ Asst. General Manager (Engg-E)
भा वि प्रा. राजमंड्री हवाई अड्डा/AAI, Rajahmundry Airport
अध्यक्ष के लिए एवं की ओर से/For & On Behalf of The Chairman
भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India.

NOO:-

Copy to :
external

1. GM(Engg), AAI, S/R, Chennai Airport, Chennai
2. GM(Finance), S/R, Chennai Airport, Chennai
3. Jt.GM(Engg-E), AAI, Vijayawada Airport, Vijayawada.
4. Jt.GM (Vigilance), AAI, S/R, Chennai Airport, Chennai
5. Labour Enforcement Officer (Central), Sr.SE/Tele. Building, Railway Station Premises, Rajahmundry-533101, E.G.Dt.,

Internal:

1. Airport Director, AAI, Rajahmundry Airport, Rajahmundry
2. Manager (F&A), AAI, Rajahmundry Airport, Rajahmundry – FC dated 11.10.2021
3. Manager (Engg-E), AAI, Rajahmundry Airport, Rajahmundry.
4. Asst. Manager (Engg-E), AAI, Rajahmundry Airport, Rajahmundry.
5. Supervisor(Engg-E), AAI, Rajahmundry Airport, Rajahmundry.
6. Concerned File.

(एम. मुत्थमिलन / M. MUTHAMILAN)

सहायक महा प्रबंधक (अभि-वि)/ Asst. General Manager (Engg-E)

सहायक महा प्रबंधक (अ.वि.)
Asst. General Manager (Engg-Elect)

Schedule of Quantities

Name of Work: Extention of Apron in order to reconfigureate 11 Nos bays along with construction of Additiona 4 Nos Helicopter bays at Rajahmundry Airport.

Sub Head: SITC of Apron Flood Lighting High Masts, LT Panels and allied Electrical Works.

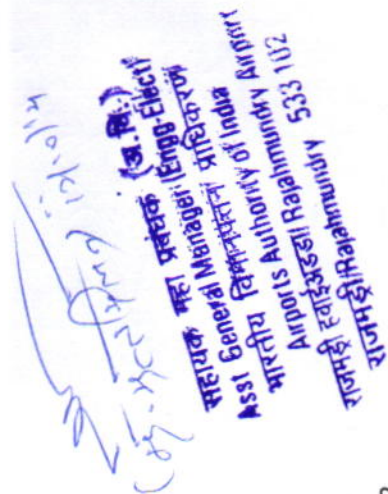
Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
1	Design, Fabrication, Supply, Installation, Testing and commissioning of High mast shaft of 25 mtrs in Three sections, hot galvanized Steel plates confirming to BSEN 10025:1993 suitable for wind speed as per IS:875, part 3 with raising lowering system comprising, head frame, lantern carriage suitable to install Minimum 14 Nos. 350 W LED luminaries in symmetrical arrangement, double drum winch, 6 mm diameter SS wire rope, Two number 5C X 2.5 Sq.mm tinned unarmoured copper conductor EPR insulated & PVC sheathed trailing cable from Junction Box of lantern carriage to control panel, one number 3CX4 Sq.mm, PVC insulated, 415 V, 32 A, 3P+N+E Plug Copper conductor cable for Power tool from control panel, connectors, 415 V, 32 A, 3P+N+E Plug & Sockets, integral power tool motor with mechanically tripping facility & manual handle, terminations Junction Box, lightening finial including the followings. High mast tower shall conform to tender specification & as required complete in all respects. Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plate and common template. Construction of shallow foundation with M25 grade concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 metre depth with all materials and labour. Erection of the high mast including all accessories with the help of suitable tools and plants. Installation, testing and commissioning of 350 W LED Flood lights upto 14 No's or as per site requirements and 01 No. Twin Type aviation obstruction light on the existing lantern carriage including wiring of all luminaires with all wiring materials like PVC insulated PVC sheathed flexible cable of suitable copper conductor cores of 2.5 sq. mm from Junction Box of Lantern Carriage to individual light fittings, lugs, mounting accessories and all labour etc.	Job	1	275000.00	275000.00


 सहायक महा प्रबंधक (अ. वि.)
 Asst General Manager (Engg-Electl.)
 विमानपत्तन प्राधिकरण
 भारतीय विमानपत्तन प्राधिकरण
 Rajahmundry Airport

Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
2	Design, Fabrication, Supply, Installation, Testing and commissioning of High mast shaft of 19 mtrs in minimum Two sections, hot galvanized Steel plates conforming to BSEN 10025:1993 suitable for wind speed as per IS:875, part 3 with raising lowering system comprising, head frame, lantern carriage suitable to install Minimum 12 Nos. 350 W LED luminaries in asymmetrical arrangement, double drum winch, 6 mm diameter SS wire rope, Two number 5C X 2.5 Sq.mm tinned unarmoured copper conductor EPR insulated & PVC sheathed trailing cable from Junction Box of lantern carriage to control panel, one number 3CX4 Sq.mm, PVC insulated, PVC sheathed unarmoured Copper conductor cable for Power tool from control panel, connectors, 415 V, 32 A, 3P+N+E Plug & Sockets, integral power tool motor with mechanically tripping facility & manual handle, terminations Junction Box, lightening finial including the followings. High mast tower shall conform to tender specification & as required complete in all respects. Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plate and common template. Construction of shallow foundation with M25 grade concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 metre depth with all materials and labour. Erection of the high mast including all accessories with the help of suitable tools and plants. Installation, testing and commissioning of 350 W LED Flood lights upto 12 No's or as per site requirements and 01 No. Twin Type aviation obstruction light on the existing lantern carriage including wiring of all luminaires with all wiring materials like PVC insulated PVC sheathed flexible cable of suitable copper conductor cores of 2.5 sq. mm from Junction Box of Lantern Carriage to individual light fittings, lugs, mounting accessories and all labour etc.	Job	1	255000.00	255000.00


सहायक महा प्रबंधक (अ.वि.)
सहायक महा प्रबंधक (Engg-Elect)
Asst General Manager (Engg-Elect)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
राजमंड्री हवाई अड्डा | Rajahmundry 533 102
राजमंड्री | Rajahmundry

Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
3	Design, Fabrication, Supply, Installation, Testing and commissioning of High mast shaft of 18 mtrs in minimum Two sections, hot galvanized Steel plates confirming to BSEN 10025:1993 suitable for wind speed as per IS:875,part 3 with raising lowering system comprising, head frame, lantern carriage suitable to install Minimum 12 Nos. 350 W LED luminaries in asymmetrical/symmetrical arrangement, double drum winch, 6 mm diameter SS wire rope, Two number 5C X 2.5 Sq.mm tinned unarmoured copper conductor EPR insulated & PVC sheathed trailing cable from Junction Box of lantern carriage to control panel, one number 3CX4 Sq.mm, PVC insulated, PVC sheathed unarmoured Copper conductor cable for Power tool from control panel, connectors, 415 V, 32 A, 3P+N+E Plug & Sockets, integral power tool motor with mechanically tripping facility & manual handle, terminations Junction Box, lightening finial including the followings.High mast tower shall conform to tender specification & as required complete in all respects. Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plate and common template. Construction of shallow foundation with M25 grade concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 metre depth with all materials and labour. Erection of the high mast including all accessories with the help of suitable tools and plants. Installation, testing and commissioning of 350 W LED Flood lights upto 12No's or as per site requirements and 01 No. Twin Type aviation obstruction light on the existing lantern carriage including wiring of all luminaires with all wiring materials like PVC insulated PVC sheathed flexible cable of suitable copper conductor cores of 2.5 sq. mm from Junction Box of Lantern Carriage to individual light fittings, lugs, mounting accessories and all labour etc.	Job	2	235000.00	470000.00



 सहायक महा प्रबंधक (अ. वि.)
 Asst General Manager (Engg-Elect)
 भारतीय विमानपत्तन प्राधिकरण
 Airports Authority of India
 राजमहरी हवाई अड्डा Rajahmundry 533 102
 राजमहरी Rajahmundry

Sl.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
4	Design, Fabrication, Supply, Installation, Testing and commissioning of High mast shaft of 12 mtrs in single sections hot galvanized Steel plates confirming to BSEN 10025:1993 suitable for wind speed as per IS:875, part 3 with raising lowering system comprising, head frame, lantern carriage suitable to install Minimum 8 Nos. 350 W LED luminaries in asymmetrical arrangement, double drum winch, 6 mm diameter SS wire rope, Two number 5C X 2.5 Sq.mm tinned unarmoured copper conductor EPR insulated & PVC sheathed trailing cable from Junction Box of lantern carriage to control panel, one number 3CX4 Sq.mm, PVC insulated, PVC sheathed unarmoured Copper conductor cable for Power tool from control panel, connectors, 415 V, 32 A, 3P+N+E Plug & Sockets, integral power tool motor with mechanically tripping facility & manual handle, terminations Junction Box, lightening finial including the followings. High mast tower shall conform to tender specification & as required complete in all respects. Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plate and common template. Construction of shallow foundation with M25 grade concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sq.mtr at 2 metre depth with all materials and labour. Erection of the high mast including all accessories with the help of suitable tools and plants. Installation, testing and commissioning of 350 W LED Flood lights upto 8No's or as per site requirements and 01 No. Twin Type aviation obstruction light on the existing lantern carriage including wiring of all luminaires with all wiring materials like PVC insulated PVC sheathed flexible cable of suitable copper conductor cores of 2.5 sq. mm from Junction Box of Lantern Carriage to individual light fittings, lugs, mounting accessories and all labour etc.	Job	2	165000.00	330000.00

12/10/24

(S.K.C. Singh)

General Manager (Engg-Elect)

Asst General Manager (Engg-Elect)

Airports Authority of India

533 102

राष्ट्रीय वाणिज्यिक विमानचारा प्राधिकरण

Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
5	Design, Fabrication, Supply, Installation, Testing and commissioning of High mast shaft of 08 mtrs in single sections hot galvanized Steel plates conforming to BSEN 10025:1993 suitable for wind speed as per IS:875, part 3 with raising lowering system comprising, head frame, lantern carriage suitable to install Minimum 8 Nos. 350 W LED luminaries in asymmetrical arrangement, double drum winch, 6 mm diameter SS wire rope, Two number 5C X 2.5 Sq.mm tinned unarmoured copper conductor EPR insulated & PVC sheathed trailing cable from Junction Box of lantern carriage to control panel, one number 3CX4 Sq.mm, PVC insulated, PVC sheathed unarmoured Copper conductor cable for Power tool from control panel, connectors, 415 V, 32 A, 3P+N+E Plug & Sockets, integral power tool motor with mechanically tripping facility & manual handle, terminations Junction Box, lightening finial including the followings. High mast tower shall conform to tender specification & as required complete in all respects. Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plate and common template. Construction of shallow foundation with M25 grade concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sqmt at 2 metre depth with all materials and labour. Erection of the high mast including all accessories with the help of suitable tools and plants. Installation, testing and commissioning of 350 W LED Flood lights upto 08 No's or as per site requirements and 01 No. Twin Type aviation obstruction light on the existing lantern carriage including wiring of all luminaires with all wiring materials like PVC insulated PVC sheathed flexible cable of suitable copper conductor cores of 2.5 sq. mm from Junction Box of Lantern Carriage to individual light fittings, lugs, mounting accessories and all labour etc.	Job	1	85000.00	85000.00
6	Supply of LED flood light luminaire with secondary optical lens having minimum output of 38500 lm and rated power not exceeding 350 watts with 5 years warranty designed with Powder coated Pressure Die Cast aluminium housing, frame, MS mounting bracket, integral driver with Surge protection, heat resistant toughened glass, Conforming to IP 65/IP66 protection etc. complete as required. (LED & Power Drive Should meet the AAI Specifications)	Each	70	8500.00	595000.00
7	Supply of Twin type aviation dome obstruction LED light fitting comprising of aluminium housing and polycarbonate diffuser suitable for operation on 230V;50Hz AC single phase power supply etc. complete as required.	Each	7	6500.00	45500.00

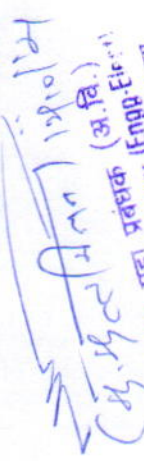

 (Sd/-) **Asst. General Manager (Engg-Elect)**
 Authority of India
 Ministry of Road
 Transport & Highways
 New Delhi-110019

Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
9	Design, Supply, Installation, Testing and commissioning of weather proof, vermin proof, powder coated, free floor standing, fully compartmentalised , bottom entry double door type , outdoor canopy type , MV cubicle Electrical Main Feeder Piller panel, generally conforming to IP-55 and higher, fabricated from 2 mm. thick CRCA sheet , treated through seven tank process along with detachable 3mm thick gland plate suitable for operation on 415 V, 3 phase , 4 wire, 50 Hz AC supply, TPN aluminium busbars of high conductivity, DMC/SMC busbar supports with bottom base channel made out of MS section not less than 100 mm x 50 mm x 5 mm thick, entire panel shall have a common copper earthing of size 20mm X 5 mm at the rear with 2 Nos. earth studs ,solid connection from main busbar to switchgears with required size of aluminium busbar & control wiring with 2.5 sqmm FRLS insulated copper conductor cable, cable alleys, lifting hooks including swapping, recoiling and handling of all incoming and outgoing cables, Civil work for CC foundation, cutting , fixing, grouting, painting and sign writing etc. complete as required. Incomer : 400A, FP, 36kA MCCB (lcs=100%lcu) with O/L and S/C fault Protection with Adjustable Thermal magnetic release with front operated rotary handle - 02 nos. Buscoupler : 400A, FP, 36kA MCCB (lcs=100%lcu) with O/L and S/C fault Protection with Adjustable Thermal magnetic release with front operated rotary handle - 01 No. Mechanical Interlock with 3 lock 2 key - 1 set Busbar: 500 A, Al - Bus bar, Four pole with Fibre glass insulated support & pvc sleeve etc-1set Out goings 160, FP, 25kA MCCB (lcs=100%lcu) with Thermal magnetic release having O/L & S/C protection with rotary handle - 2 Nos 125A, FP, 25kA MCCB (lcs=100%lcu) with Thermal magnetic release having O/L & S/C protection with rotary handle - 2 Nos 63A, FP, 'C' curve, 25kA MCCB (lcs=100%lcu) with Thermal magnetic release having O/L & S/C protection with rotary handle - 8 Nos Metering: Digital Multifunction meter, 3 phase, 5A, class -1 with CTs (400/5) = 02 set(for incomers). LED Phase Indication lamp with control MCBs - 02 Set's ON-OFF indication lamps (LED type) -14 sets	Job	1	355000.00	355000.00

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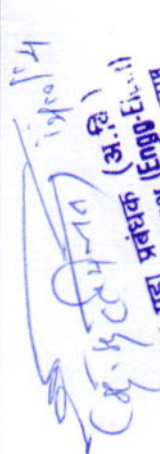
सहायक महा प्रबंधक (अ.वि.)
Asst General Manager (Engg-Elect)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
राजमहमूदपुरी अंतर्राष्ट्रीय विमानतट
03.102

Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
11	Design, Supply, Installation, Testing and commissioning of weather proof, vermin proof, powder coated, free floor standing, fully compartmentalised, bottom entry double door type, outdoor canopy type, MV cubicle Electrical Outdoor panel(At CARGO Department), generally conforming to IP-55 and higher, fabricated from 2 mm. thick CRCA sheet, treated through seven tank process along with detachable 3mm thick gland plate suitable for operation on 415 V, 3 phase, 4 wire, 50 Hz AC supply, TPN aluminium busbars of high conductivity, DMC/SMC busbar supports with bottom base channel made out of MS section not less than 100 mm x 50 mm x 5 mm thick, entire panel shall have a common copper earthing of size 20mm X 3 mm at the rear with 2 Nos. earth studs, solid connection from main busbar to switchgears with required size of aluminium busbar & control wiring with FRLS insulated copper conductor cable, cable alleys, lifting hooks including swapping, recoiling and handling of all incoming and outgoing cables, Civil work for CC foundation, cutting, fixing, grouting, painting and sign writing etc. complete as required. Incomer : 100A, FP, 25kA MCCB (lcs=100%lcu) with O/L and S/C fault Protection with Thermal magnetic release with front operated rotary handle - 01 nos Busbar:125A, Al - Bus bar, Four pole with Fibre glass insulated support & pvc sleeve etc-1set Out goings 63A, FP, 25kA MCCB (lcs=100%lcu) with Thermal magnetic release having O/L & S/C protection with rotary handle - 05 Nos Metering: Digital Multifunction meter, 3 phase, 5A, class -1 with CTs (100/5) = 01 set(for incomer). ON-OFF indication lamps (LED type) with Control Fuse/MCB's -7 sets LED Phase Indication lamp with control MCBs - 1 Set.	Job	1	125000.00	125000.00
12	Supply of following size cables of grade 1.1 KV, XLPE insulated, PVC sheathed, armoured Aluminium conductor conforming to IS 7098 (Part 1) amended upto date.				
12.01	3.5C X 400 Sqmm	Mtr	2035	1380.00	2808300.00
12.02	3.5C X 50 Sqmm	Mtr	260	230.00	59800.00
12.03	4C X 35 Sq mm	Mtr	880	195.00	171600.00



 H. H. Chaudhary (अ. वि.)
 सहायक महा प्रबंधक (Engg. Electric)
 Asst General Manager (प्रौद्योगिकी)
 भारतीय विमानपत्तन प्राधिकरण
 Ministry of Civil Aviation, Government of India

Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
13	Supply and making end termination with brass compression gland and aluminium lugs for XLPE Insulated and PVC sheathed aluminium conductor cable of 1.1 KV grade and sizes as required for the following.				
13.01	3.5C X 400 Sqmm	Set	6	550.00	3300.00
13.02	3.5C X 50Sqmm	Set	4	220.00	880.00
13.03	4 C X 35 Sq mm	Set	12	180.00	2160.00
14	Supplying of following size , DWC HDPE pipe, ISI marked conforming to IS 14930 Part II with upto date amendments etc.complete as required.				
14.01	125mm Dia(outer)/107mm Dia (inner)	Mtr	610	220.00	134200.00
14.02	63mm dia(outer)/50 mm Dia(inner)	Mtr	840	125.00	105000.00
15	Laying of following size DWC HDPE pipe Complete with all fitting & couplers direct in ground (75 cm below ground level) including excavation and refilling the trench after laying Pipe etc.,, complete as required.				
15.01	125mm Dia(outer)	Mtr	610	65.00	39650.00
15.02	Upto 63mm Dia(outer)	Mtr	840	65.00	54600.00
16	Providing, laying and fixing following dia G.I. pipe (medium class) complete with G.I fittings direct in ground (75 cm below the ground level) including excavation and refilling the trench after laying G.I Pipe etc.complete as required.				
16.01	125 mm dia	Mtrs	75	1350.00	101250.00
16.02	50 mm dia	Mtrs	78	650.00	50700.00
17	Providing, laying and fixing following dia G.I. pipe (medium class) complete with G.I fittings in the existing excavated trench etc. complete as required.				
	50 mm dia	Mtrs	120	450.00	54000.00
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/HDPE pipe as reqd.				
18.01	a) Above 185 sqmm upto 400 sqmm	Mtr	960	95.00	91200.00
18.02	b) Above 35sqmm upto 90 sqmm	Mtr	230	45.00	10350.00
18.03	c) Upto 35 sq. mm	Mtr	810	35.00	28350.00
19	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/Cable trench as required.				
	Above 185 sqmm upto 400 sqmm	Mtr	570	80.00	45600.00


 सह्यायक महा प्रबंधक (अ.वि.)
 Assistant General Manager (Engg-Elect.)
 विमानपत्तन प्राधिकरण
 Airport Authority of India

Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
20	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/Cable Tray as required. Above 185 sqmm upto 400 sqmm	Mtr	430	125.00	53750.00
21	Supply and making of straight through joint with heat shrinkable kit including ferrules and other insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade as required.				
21.01	3.5CX 400 sqmm	Sets	4	3500.00	14000.00
21.02	3.5CX 50 sqmm	Sets	2	2500.00	5000.00
21.03	4CX35 sqmm	Sets	4	1800.00	7200.00
22	Supply, installation, testing and commissioning of the following rating and breaking capacity lcs=100%lcu, thermal magnetic release 4P MCCB with spreader terminals and extended rotary handles fixed on existing compartment of MV Panel including providing suitable rating Aluminium Busbar to connect with common busbar and to receive out going cables and making connections etc., complete as required. 630A, 50KA	Each	1	48500.00	48500.00
23	Supplying and drawing of 2x2.5Sqmm FR PVC insulated copper conductor, multi core cable in the existing surface/ recessed steel/ G.I conduit as required.	Mtrs	540	65.00	35100.00
24	Supplying and laying of 20mm dia G.I conduit along with accessories direct in ground (50 cm below ground level) including excavation and refilling the trench after laying Pipe etc., complete as required.	Mtrs	520	130.00	67600.00
25	Earthing with G.I. earth pipe of 4 metre long, 40 mm dia including accessories, and providing 300x300x450(H) mm RCC earth pit chamber suitable to receive 6mm thick MS chequered plate with handle, strengthening & compaction of soil below the earth pit chamber including providing suitable ratio PCC, providing & laying Plain Cement Concrete (PCC) (1:2:4) of depth 100mm surrounding the earth pit chamber covering surface area of 01 SqMeter, including providing and fixing of reducer, water funnel with wire mesh arrangement for watering etc. with charcoal/coke and salt as required.	Job	9	5500.00	49500.00
26	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories and providing 300x300 X 450(H) mm RCC earth pit chamber suitable to receive 6mm thick MS chequered plate with handle, strengthening & compaction of soil below the earth pit chamber including providing suitable ratio PCC, providing & laying Plain Cement Concrete (PCC) (1:2:4) of depth 100mm surrounding the earth pit chamber covering surface area of 01 SqMeter, including providing and fixing of reducer, water funnel with wire mesh arrangement for watering etc. with charcoal/coke and salt as required.	Job	18	6000.00	108000.00

Sl. No.	Description of Items	Units	Qty.	Rate (₹)	Amount(₹)
27	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc.as required.	Mtrs	110	130.00	14300.00
28	Providing and fixing 25mm x 5mm GI strip on surface or in recess from earth electrode to electrical panel/Highmast as required.	Mtrs	50	110.00	5500.00
29	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 Sets of G.I. nut bolt & spring washer spaced at 50mm)	Mtrs	55	125.00	6875.00
30	Excavation of existing Bituminous/ Concrete road to facilitate laying of GI pipe including disposal of material within 50 Meters lead and providing & laying in position 1:2:4 (1 cement : 2 Coarse sand : 4 Graded stone aggregated of 20 mm nominal size all works up to plinth level to fill up the excavated trenches after laying of the GI pipe complete above as required.	Cu.m	25	6500.00	162500.00
31	SITC of LED vehicular Road traffic signal lights made of polycarbonate body with IP-65 protected, having 300mm dia, full circle, 2 Nos (RED & Green Colour) LED Lights, UV stabilized polycarbonate lens, waterproof sealed gasket including providing 1.8 meter,75 mm dia high mounting G.I pole with brackets,clamps & painting with suitable colour, Civil foundation work and operating voltage of 230V AC, 50Hz etc as required.	Sets	2	6500.00	13000.00

Total: ₹ 7381465.00

Add: GST@18%: 1328663.70

Grand Total: ₹ 8710128.70

Say ₹ 8710129.00

Rupees Eighty Seven Lakh Ten Thousand One Hundred and Twenty Nine Only


A.G.M. (Engg-E)

AAI/Rajahmundry Airport

सहायक महा प्रबंधक (अ.वि.)

Asst General Manager (Engg-Elect)

भारतीय विमानपत्तन प्राधिकरण

Airports Authority of India

राजमंड्री हवाईअड्डा/ Rajahmundry Airport

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