



सेवा में/ To

मेसर्स श्री वासुकी पावर सिस्टम प्रा. लिमिटेड/ M/s. Sri Vasuki Power System Pvt. Ltd.

नं। 7 श्री वेंकटेश्वर निलय/ No.7 Sri Venkateshwara Nilaya,

दूसरी मंजिल, तीसरी मुख्य सोसायटी कॉलोनी/ 2nd Floor, 3rd main Society Colony,

बैंगलोर - 560030/ Bangalore - 560030

कार्य का नाम/ Name of Work:- 8 मेगावाट ग्राउंड माउंटेड, ग्रिड कनेक्टेड, पीवी सोलर प्लांट, हुबल्ली एयरपोर्ट पर डिजाइन, सप्लाई, इंस्टालेशन, टेस्टिंग कमिशनिंग, एसएच :स्काडा कमरे का आंतरिक विद्युतीकरण/ Design, Supply, Installation, Testing Commissioning of 8 MW Ground mounted, Grid connected, PV solar plant at Hubballi Airport, **SH: Internal Electrification of SCADA room.**

संदर्भ/ Ref: 1) AAI Tender Id :- 2020_AAI_55788_1

2) Your E-Tender (Financial Bid) opened on 23.09.2020.

महोदय/ Dear Sir,

1. अध्यक्ष, भा. वि. प्रा. की ओर से उपरोक्त कार्य हेतु आपकी निविदा को कुल बातचीत की गई राशि **₹.18,08,222.00 (Excluding GST))** रुपए अठारह लाख आठ हजार दो सौ बाईस केवल (जीएसटी छोड़कर जो अनुमानित लागत **₹.21,27,329.00** से % 15.00 नीचे है, एतद्वारा स्वीकार किया जाता है।

Your E-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 totaling to **Rs.18,08,222.00 (Rupees Eighteen Lakh Eight Thousand Two Hundred and Twenty Two Only)** which is **15.00% Below** the justified cost of **Rs.21,27,329.00 (Rupees Twenty One Lakhs Twenty Seven Thousand Three Hundred and Twenty Nine Only)** Excluding GST.

2. सहायक महाप्रबंधक (इंजिनियरिंग-विद्युत) एएआई, हुबल्ली हवाई अड्डा इस कार्य के प्रभारी अभियंता होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने के लिए निर्धारित दिनांक:12.11.2020 तक सहायक महाप्रबंधक (इंजी-विद्युत) भा.वि.प्रा हुबल्लि हवाई अड्डा, हुबल्लि के कार्यालय में उपस्थित हों। संविदा करार को रुपये100/-



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

(केवल एक सौ रूपए) मूल्य के एक गैर न्यायिक स्टांप पेपर पर निष्पादित किया जाएगा और स्टांप पेपर के मूल्य को आपके द्वारा वहन किया जाएगा.

Asst. General Manager (Engg-Electrical), AAI, Hubballi Airport, Hubballi shall be the Engineer -In-Charge of this work. You are requested to attend the office of Asst. General Manager (Engg-Electrical), AAI, Hubballi Airport, Hubballi by 12.11.2020 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees Hundred Only) and the cost of the stamp paper shall be borne by you.

3. **रुपये 42,547.00 (रुपए बयालीस हजार पांच सौ सैंतालीस केवल)** जो आपकी निविदा के साथ प्राप्त हुयी है को संविदा दस्तावेज़ के पृष्ठ संख्या एसएससी 9 खंड सं 2 की शर्त के अनुसार प्रतिभूति राशि के भाग के रूप में परिवर्तित कर लिया जाएगा। इस पत्र के जारी होने की तारीख के बाद दस दिनों के भीतर सुरक्षा जमा की ओर **₹1,38,275.00 (रुपए एक लाख अड़तीस हजार दो सौ और पचहत्तर केवल)** की कुल जमा करें, अन्यथा अनुबंध दस्तावेज़ के पृष्ठ संख्या जीसीसी-19 पर अनुबंध के खंड 1-ए के अनुसार बकाया सुरक्षा राशि को चालूबिलों में से काटा जायेगा.

The Earnest Money Amount of **Rs.42,547.00 (Rupees Forty Two Thousand Five Hundred and Forty Seven Only)** received along with your tender will be treated and converted as part of security deposit as per Clause 9 of SCC of page No SCC-2 of contract document. Please deposit **Rs.1,38,275.00 (Rupees One Lakh Thirty Eight Thousand Two Hundred and Seventy Five Only)** towards security deposit within 10 days after the date of issue of this letter, failing which the same will be deducted as per condition of Clause 1-A of page GCC-19 of contract document.

4. आपसे अनुरोध है कि ठेका श्रम (विनियमन एवं उन्मूलन) अधिनियम 1970, ठेका श्रम (विनियमन एवं उन्मूलन) केन्द्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिकों (रोजगार और विनियमनका अधिनियम) के प्रावधानों का पालन करने का अनुरोध किया जाता है सेवा की शर्तों अधिनियम 1996, भवन और अन्यनिर्माण श्रमिक कल्याण अधिनियम 1996, जैसा कि केंद्र और राज्य सरकारों के, जोकी निविदा खंड संख्या-19 जीसीसी के नियमों के पृष्ठ संख्या 54 से 60 में निर्दिष्ट है।

You are requested to comply with the provisions of contract labor (Regulation and abolition) act of 1970 and contract labor (Regulation and abolition) Central rules 1971,



Child labor (Prohibition & Regulation) Act 1986, Construction workers (Regulation of Employment and Conditions of Service) Act 1996, Building and other construction workers welfare Cess Act 1996 as specified in Clause-19 on Page No.54 to 60 of GCC of tender and rules of Central and State Governments.

5. आपको यह भी निदेश दिए जाते हैं कि आप प्रबंधक (इंजिनियरिंग-विद्युत), हुबबल्ली हवाई अड्डा, हुबबल्ली से तुरंत संपर्क करें जो आपको साइट सौंपने के लिए व्यवस्था करे

You are also directed to contact Manager (Engg-Electrical), AAI, Hubballi Airport, Hubballi immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि इस कार्य को पूरा करने की अवधि **03 (तीन)** और इसी कार्य आदेश के 10th वें दिन से 12.11.2020 तक प्रतिपूर्ति की जाएगी।

Please note that the time allowed for carrying out the work shall be **03 (Three) Months** and same shall be reckoned from the 10th day of placement of this work order 12.11.2020.

7. अनुबंध के संबंध में किसी भी अन्य पत्राचार को आम तौर पर प्रभारी अभियंता को संबोधित किया जाना चाहिए।

Any further correspondence in connection with the contract should normally be addressed to the Engineering-In-charge.

8. कृपया पावती भेजें एवं इस पत्र के साथ संलग्न इसकी प्रतिलिपि पर हस्ताक्षर करते हुए उसे स्वीकृति के तौर पर अधोहस्ताक्षरी को भेजें।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as token of acceptance.

भवदीय/Yours faithfully,

सहा. महाप्रबंधक (इंजिनियरिंग-विद्युत)/ Asst. Gen. Manager (Engg- Elect)

कृते एवं अध्यक्ष की ओर से/ For and on behalf of the Chairman,

भा.वि.प्रा/ Airports Authority of India,

हुबबल्ली हवाई अड्डा/Hubballi Airport, Hubballi

संलग्न/ Encl:

1. Schedule



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

प्रतिलिपि / Copy To :- Internal

1. महा प्रबंधक (इंजी-वि), भाविप्रा, दक्षिणी क्षेत्र, भाविप्रा, चेन्नई हवाई अड्डा, चेन्नई/ General Manager (Engg-E), Southern Region, AAI, Chennai Airport, Chennai – 17
2. महा प्रबंधक (एफएंडए), दक्षिणी क्षेत्र, भाविप्रा, चेन्नई हवाई अड्डा, चेन्नई/ General Manager (F&A), Southern Region, AAI, Chennai Airport, Chennai – 17
3. संयुक्त महा प्रबंधक (सतर्कता), दक्षिणी क्षेत्र, भाविप्रा, चेन्नई हवाई अड्डा, चेन्नई/ Jt. General Manager (Vigilance), Southern Region, AAI, Chennai Airport, Chennai – 17
4. संयुक्त महा प्रबंधक (इंजी-वि), भाविप्रा, गोवा अंतरराष्ट्रीय हवाई अड्डा, गोवा-403 801/ Jt. Gen. Manage (Engg-E), AAI, Goa International Airport, Goa- 403 801
5. उप महा प्रबंधक (इंजी-वि.), दक्षिणी क्षेत्र, भाविप्रा, चेन्नई हवाई अड्डा, चेन्नई/ DGM (Engg-E), Southern Region, AAI, Chennai Airport, Chennai – 17.
6. विमान पत्तन निदेशक, भाविप्रा, हुबबल्ली हवाई अड्डा, हुबबल्ली/ Airport Director, AAI, Hubballi Airport, Hubballi-30.
7. उप महा प्रबंधक (इंजी-सी), भाविप्रा, हुबबल्ली हवाई अड्डा, हुबबल्ली/ DGM (Engg-C), AAI, Hubballi Airport, Hubballi.
8. प्रबंधक (इंजी- वि.), भाविप्रा, हुबबल्ली हवाई अड्डा, हुबबल्ली/ Manager(Engg-E), AAI, Hubballi Airport, Hubballi.
9. समझौते की प्रति/ Agreement copy
10. फाइल/ File

External

1. कार्मिक सलग्त अधिकारी, सीटीएस, HDMC पार्क के सामने, भवानी नगर लास्ट बस स्टॉप के पास, भवानी नागर, हुबबल्ली-580023/ Labour Enforcement Officer, No.2733 /4B/ CTS. No.2733/ 4B, 1st Floor, (Opposite to HDMC Park), Near Bhavani Nagar Last Bus Stop, Bhavani Nagar, Hubballi-580023.
2. उप क्षेत्रीय केंद्रीय भविष्य निधि आयुक्त, उप क्षेत्रीय कार्यालय, चौथी मंजिल, श्रीनाथ कॉम्प्लेक्स, न्यू कॉटन मार्केट, पी.बी. संख्या: 620, हुबबल्ली/ Sub Regional Central Provident Fund Commissioner, Sub Regional Office, 4th Floor, Srinath Complex, New Cotton Market, P.B.No:620, Hubballi.

03/11/2020

सहा. महाप्रबंधक (इंजिनियरिंग-विद्युत)/ Asst. Gen. Manager (Engg. – Elect)

भा.वि.प्रा/ Airports Authority of India,

हुबबल्ली हवाई अड्डा/Hubballi Airport, Hubballi

Schedule of Quantity

कार्यकानाम/ Name of work : 8 मेगावाट ग्राउंड माउंटेड, ग्रिड कनेक्टेड, पीवी सोलर प्लांट, हुबली एयरपोर्ट पर डिजाइन, सप्लाय, इंस्टालेशन, टेस्टिंग कमिशनिंग, एसएच: स्काडा कमरे का आंतरिक विद्युतीकरण/ Design, Supply, Installation, Testing Commissioning of 8 MW Ground mounted, Grid connected, PV solar plant at Hubballi Airport, **SH: Internal Electrification of SCADA room.**

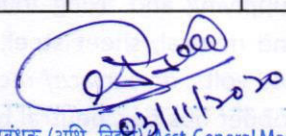
Item No.	Description of Item	Unit	Qty.	Rate	Amount
1	WIRING AND ACCESSORIES Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5sq.mm FRLSH PVC insulated copper conductor single core cable in surface/ recessed steel conduit, with modular switch, modular plate, suitable GI box and Earthing the point with 1.5 sq.mm. FRLSH PVC insulated copper conductor single core cable etc. as required.(Group C). With Medium range switches (Make:Havells Coral or equivalent approved make)	Point	16.00	700.00	11200.00
2	Wiring for group controlled (from point to point) light point/fan point/exhaust fan point/ call bell point with 1.5sq.mm FRLSH 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. FRLSH PVC insulated copper conductor single core cable etc. as required. (Group C).	Point	16.00	866.00	13856.00
3	Group controlled wiring for light point (first point) with 2.5 sq.mm FRLSH 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 2.5 sq.mm. FRLSH PVC insulated copper conductor single core cable including 6/16A modular switches etc as required	Point	6.00	999.00	5994.00
4	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLSH PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.				
4.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Metre	50.00	102.00	5100.00
4.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	169.00	130.00	21970.00
4.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Metre	515.00	169.00	87035.00


 सहायक महा प्रबंधक (अभि-विद्युत) / Asst. General Manager Engg. (E)
 भारतीय विमान पत्तन प्राधिकरण, हुबली, कर्नाटक-30
 AIRPORTS AUTHORITY OF INDIA
 HUBLI AIRPORT, HUBLI, KARNATAKA - 580 030

Item No.	Description of Item	Unit	Qty.	Rate	Amount
5	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc. as required.	Each	38.00	90.00	3420.00
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Each	11.00	558.00	6138.00
7	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing the following, with connection etc. as required with medium range switches.(Make:MK Blenz or equivalent approved make) 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch	Each	10.00	676.00	6760.00
8	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required.	Each	5.00	439.00	2195.00
9	Installation, testing and commissioning of wall bracket/ ceiling fittings of all sizes and shapes containing upto two GLS/ CFL/ LED lamps per fitting, complete with all accessories including connections etc. as required.	Each	38.00	237.00	9006.00
10	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	5.00	299.00	1495.00
11	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. Upto 450 mm sweep	Each	1.00	299.00	299.00
12	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	10.00	75.00	750.00


 सहायक महा प्रबंधक (अग्नि-विद्युत)/Asst.General Manager Engg.(E)
 भारतीय विमान पत्तन प्राधिकरण, हुब्ली, कर्नाटक-30
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 HUBLI AIRPORT, HUBLI, KARNATAKA - 580 030

Item No.	Description of Item	Unit	Qty.	Rate	Amount
13	LIGHT FIXTURES Supply of 2x2 LED surface mounting type fixture with housing made of metallic CRCA powder coated body and a high efficiency diffuser along with driver, system wattage maximum of 40 Watts, lumen output of lamp greater than 2500 lumens, power factor > 0.9, rated life of L70 @ 40,000 hours, system efficacy greater than 60 lumen/watt, with suitable driver and including all necessary accessories suitable for operation on 230V, 50Hz AC supply as complete required (Make:-Crompton-LCTLSN-36-CDL or equivalent approved make)	Each	12.00	2449.00	29388.00
14	Supply of 1x20 W, surface mountable type Universal batten T8 double side LED Tube light fixtures, complete with all necessary accessories like high efficiency electronic driver, lamp holders, prewired upto a terminal block including one number of 20 W T8 lamp, necessary accessories and connections. (Make: Havells LHFYBWP1TB1W020 or any other approved equivalent make)	Each	14.00	859.00	12026.00
15	Supply of following sizes of 1200 mm sweep. 5 star rated ceiling fan, with double ball bearing, Aluminium pressure die cast body with Aluminium blades, canopies, hanging shackle, 30 cm down rod and without speed regulator suitable for 240V 50 HZ, AC supply (Make: Crompton: HB Plus-5 star or any other approved equivalent make).	Each	5.00	2900.00	14500.00
16	Supply of 150 mm sweep, exhaust fan in with self opening louvers working on 230 V AC supply complete with all accessories as required. (Make: Crompton - Mountair or equivalent approved make)	Each	1.00	2200.00	2200.00
17	MCB's and MCB Distribution Board Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "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. Single pole	Each	20.00	225.00	4500.00


 सहायक महा प्रबंधक (अभि-विद्युत) Asst. General Manager Engg. (E)
 भारतीय विमान पत्तन प्राधिकरण, हुबळी, कर्नाटक-30
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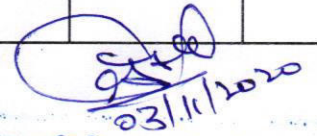
Item No.	Description of Item	Unit	Qty.	Rate	Amount
18	Supplying and fixing of 25 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Double pole	Each	10.00	450.00	4500.00
19	Supplying and fixing of IP 66 termination box including suitable mounting arrangement along with 25/32 amps 240 volts "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	Each	1.00	1200.00	1200.00
20	Supplying and fixing of 40 amps to 63 amps rating, 240/415 volts, "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. Four pole	Each	2.00	3000.00	6000.00
21	Supply and fixing of following rating residual current circuit breaker having earth leakage protection (RCCB) as per specification as required 2 pole 25 amps. (240 Volts), 30mA sensitivity.	Each	1.00	3000.00	3000.00
22	Supply and fixing of following rating residual current circuit breaker having earth leakage protection (RCCB) as per specification as required 2 pole 16amps. (240 Volts), 30mA sensitivity	Each	1.00	2600.00	2600.00
23	Supply and fixing of following rating residual current circuit breaker having earth leakage protection (RCCB) as per specification as required 4 pole 40 amps. (415 Volts), 100mA sensitivity.	Each	1.00	3800.00	3800.00
24	Supply and fixing of following rating residual current circuit breaker having earth leakage protection (RCCB) as per specification as required 4 pole 63 amps. (415 Volts), 300mA sensitivity.	Each	1.00	4200.00	4200.00
25	Supplying and fixing following way, single phase 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) 4 way, Single door	Each	1.00	3500.00	3500.00


 सहायक महाप्रबंधक (इंजीनियरिंग) Assistant General Manager Engg. (E)
 भारतीय विमान पत्तन प्राधिकरण, हुबली, कर्नाटक-30
 AIRPORTS AUTHORITY OF INDIA
 HUBLI AIRPORT, HUBLI, KARNATAKA - 580 030

Item No.	Description of Item	Unit	Qty.	Rate	Amount
26	Supplying and fixing following way, single phase 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) 12 way, Single door	Each	1.00	5000.00	5000.00
27	Supplying and fixing of following ways surface/ recess mounting, horizontal type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required. 4 way (8 + 12), Double door	Each	1.00	8000.00	8000.00
28	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required. (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) 12 way (8 + 36), Single door	Each	1.00	12000.00	12000.00
29	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	15.00	1800.00	27000.00
30	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, DP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	2.00	1800.00	3600.00


 सहायक महा प्रबंधक (अभि-विद्युत) Asst. General Manager Engg. (E)
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 AIRPORTS AUTHORITY OF INDIA
 HUBLI AIRPORT, HUBLI, KARNATAKA - 580 030

Item No.	Description of Item	Unit	Qty.	Rate	Amount
31	SITC of AC UNITS Supply, Installation, Testing and Commissioning of 2TR Inverter type 5 star rated Split Air-conditioner of wall mounting type consisting of non-ductable type room units (fan coil) with cord less LCD type remote control and one number outdoor condensing unit with compressor, copper condensing coil, suitable for operation on single phase, 230 +/- 10% volts, 50HZ, AC supply including fixing the outdoor unit on a fabricated MS stand/wall Bracket/Brick foundation as per the site requirement and fixing of Indoor room unit. Providing and making interconnections between room unit and condensing unit upto a length of 5mtrs. Comprising of the following including first charge of refrigerent etc, as required. a) Insulated Copper Pipe Lines Liquid and suction line (Size as per manufacturer recommendation) b) flexible copper cable between Indoor and Outdoor units (Size as per manufacturer recommendation) c) Drain Pipe d) Suitable size of PVC pipe for covering the refrigerant line of above (a)	Each	15.00	33650.00	504750.00
32	Supply and fixing additional set of copper pipe line and PVC insulated PVC sheathed copper conductor cable suitable for 2TR AC from the indoor units to outdoor In Suitable size of PVC pipe on the wall surface/cable tray/ using suitable clamp etc complete as required	Metres	45.00	1050.00	47250.00
33	Supplying, installations, Testing and commissioning of wall mounting type, 4 KVA capacity, single phase, automatic line volatage stablizer suitable for operation on 170 volts to 270 volts, 50Hz AC Input voltage, with steady single phase out put voltage with built in time delay, cut off and low voltage cut off, input/ out put/ trip indications and suitable for operation of 2 Ton Airconditioning Unit etc as required	Each	15.00	3500.00	52500.00


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AIRPORTS AUTHORITY OF INDIA
HUBLI AIRPORT, HUBLI, KARNATAKA - 580.030

Item No.	Description of Item	Unit	Qty.	Rate	Amount
34	SITC of Fire Alarm systems & Fire Extinguishers Supply, installation, testing and commissioning of conventional Fire Alarm control panel having minimum of 2 zones suitable for connecting sensors, manual call points, Hooters and Response indicators operation on 230 Volts, 50 Hz power supply, LCD display to indicate fire and normal operation & power supply status, push button for accept and Reset, sealed leadacid batteries with minimum 24V DC backup on alarm mode & normal operation mode with battery charger etc., shall be complete as required. Panel shall have necessary provision for connecting and functioning with auto dialer etc as required. (Make: As per AAI approved makes list)	Each	1.00	27450.00	27450.00
35	SITC of auto dialer with landline dialer capability complete with all necessary accessories including connections etc. as required.	Each	1.00	9499.00	9499.00
36	Supply & fixing of indoor manual call point complete with all accessories including connections of etc. as required. (As per approved makes List)	Each	3.00	2200.00	6600.00
37	SITC of Hooter with base plate etc as required. (As per approved makes List)	Each	3.00	2200.00	6600.00
38	Supply & fixing of conventional type Photoelectric, Multi sensor smoke detectors along with mounting base with unique optical sensing chamber, visible LED's fully coated circuit boards with RF/transient protection, complete with all accessories including connections etc. as required. (As per approved makes list)	Each	7.00	6500.00	45500.00
39	Supply and laying of MS steel conduits ISI Marked red painted with all fittings and saddles for drawing detector control cables on surface/ recess/ above false ceiling/ concealed space/ wall concealed, etc of following sizes: 20 mm	Meters	133.00	155.00	20615.00


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HUBLI AIRPORT, HUBLI, KARNATAKA - 580 030

Item No.	Description of Item	Unit	Qty.	Rate	Amount
40	Supply and laying of following size PVC insulated FRLSH 2Cx1.5sq.mm copper conductor cable through conduits/ surface/ recess/ above false ceiling/ concealed space/ wall concealed, etc. for control cabling for Fire detection & alarm devices and interconnecting etc as required. (As per Approved makes list)	Meters	55.00	75.00	4125.00
41	Supply and laying of following size PVC insulated FRLSH 2Cx2.5sq.mm copper conductor cable through conduits/ surface/ recess/ above false ceiling/ concealed space/ wall concealed, etc. for control cabling for Fire detection & alarm devices and interconnecting etc as required. (As per Approved makes list)	Meters	78.00	95.00	7410.00
42	Supply of ABC Stored pressure type Fire Extinguisher 6 Kgs Capacity with M.S Body Mono Ammonium Phosphate based Dry Chemical Powder as per IS 14609 with ISI Mark for Fighting ABC Class of Fire, stored Pressure type of Mild steel body pressurized by Nitrogen Gas. The Extinguisher shall have pressure gauge for indicating inside pressure with opening and closing lever of squeeze grip type with tamper proof seal, complete with wall bracket. The Extinguisher is Manufactured Strictly as per IS: 15683:2006 with ISI mark. CE mark valve with below mentioned additional facilities a. In built NRV on valve to cross check internal pressure b. Operating temperature marking on valve c. Automatic safety release valve	Each	14.00	8500.00	119000.00
43	Supply of Co2 type Fire Extinguisher 2 Kgs Capacity, made from brand new seamless steel cylinder, as per IS: 7285 and CCE approval, fitted with Discharge bend and horn and Wheel type valve with initial Charge as per IS: 15683-2006 specification, bearing ISI Mark.	Each	8.00	6500.00	52000.00


 03/11/2020
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Item No.	Description of Item	Unit	Qty.	Rate	Amount
44	Supply and installation of Fire bucket stand with canopy consisting of 04 nos Buckets, fire bucket stand made of angle iron size 40 x 40 x 6mm having arrangement for hanging of 04 nos. bucket on suitable hooks made of MS roundbar, the stand should be painted with post office red enamel paint, fire bucket of size 11x40x8 high top bottom duly painted by post office red enamel paint outside and white enameled paint in inner side with mark...	Set	11.00	8000.00	88000.00
45	SUPPLY & FIXING OF INSULATION MATS Supply and fixing of fire Retardant/ extinguishing electrical Insulated synthetic mat of following thickness +/-10 % conformity to BIS Doc No.Et-02(5440) meeting requirements of IS 15652:2006 (With up to date ammendment) suitable for following voltage and having minimum width of 1000 mm+/- 20 mm and including supply of required qty of adhesive/ compound and fixing the same at site as per site requirement.				
45.1	Class A 2.0 mm Thick (for 3.3 KV grade)	Meters	243.00	1863.00	452709.00
45.2	Class B 2.5 mm Thick (for 11 KV grade)	Meters	6.00	1405.00	8430.00
45.3	Class C 3.0 mm Thick (for 33 KV grade)	Meters	16.00	2097.00	33552.00
Total Amount (Excluding GST) Rs.				1808222.00	

(Rupees Eighteen Lakh Eight Thousand Two Hundred and Twenty Two Only)

Note: Terms and conditions as per Work Order.


03/11/2020

सहा. महाप्रबंधक (इंजिनियरिंग-विद्युत)/ Asst. Gen. Manager (Engg. – Elect)

भा.वि.प्रा/ Airports Authority of India,

हुबबल्ली हवाई अड्डा/ Hubballi Airport, Hubballi

Signature Not Verified

Digitally signed by ANIL DAS BEKAL
Date: 2020.11.06 15:44:04 IST
Location: eProcurement System for
Central PSUs