



भारतीय विमानपत्तन प्राधिकरण Airports Authority of India

सं. सं. भा वि प्रा/ति प/अभि (वि)/एम-07/2022-23/ 27-31
Ref No. AAI/TPT/ENGG(E)/M-07/2022-23/

दिनांक. 26/07/2022
Date: 26/07/2022

सेवा में / To
मेसर्स बाफना इलेक्ट्रिक निगम,
M/sBafna Electric Corporation,
नया नंबर 221 (पुराना नंबर 106)/New No.221 (old No.106),
गोविंदप्पा नायकेन स्ट्रीट/Govindappa Naicken Street,
चेन्नई - 600 001/Chennai - 600 001.

स्पीड पोस्ट / ई मेल द्वारा/By speed post /E-mail
e-mail: bafnaelectriccorp@gmail.com

कार्य आदेश : वर्ष 2022-2023 के लिए तिरुपति हवाई अड्डे पर ई तथा एम स्थापना का ए आर एम ओउप शीर्ष तिरुपति हवाई अड्डे पर ई एंड एम प्रतिष्ठानों के लिए विद्युत पुर्जों की आपूर्ति।

Name of Work:-ARMO of E&M Installations at Tirupati Airport for the year 2022-23. Sub Head: Supply of Electrical Spares for E&M installations at Tirupati Airport.

संदर्भ :आपके दरबिड (ई-निविदा आई डी : 2022_भा वि प्रा_119399_1) सी पी पी पोर्टल द्वारा दिनांक.20.07.2022 को खुला गया है।

Ref: Your Price Bid (e-Tender ID:2022_AAI_119399_1) opened through CPP portal on 20.07.2022:

प्रिय महोदय/Dear Sir (S),

1. उल्लिखित कार्य के लिए आपके ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा कोट किया गया दर कुल रु. 8,45,403.00 (रुपये आठ लाख पैंतालीस हजार चार सौ तीन मात्र) (लागू जी एस टी को छोड़कर) पर स्वीकृत किया गया है, जो रु. 11,29,640.00 (लागू जी एस टी को छोड़कर) के निविदा को लगाया प्राक्कलन राशि से 25.16% कम है।

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 you totalling to रु. 8,45,403.00 (Rupees Eight Lakhs Forty Five Thousand Four Hundred and Three only) (Excluding applicable GST) which is 25.16% below the estimated cost put to tender of Rs. 11,29,640.00 (Excluding applicable GST).

2. संयुक्त महाप्रबंधक (अभि-वि), भाविप्रा, तिरुपति हवाई अड्डा, रेणिगुंटा इस कार्य का अभियंता-प्रभारी रहेंगे। आप निविदा करार में हस्ताक्षर कर के ठेका करार पूरा करने हेतु 05.08.2022 को या पहले संयुक्त महाप्रबंधक (अभि-वि), भाविप्रा, तिरुपति हवाई अड्डा, रेणिगुंटा की कार्यालय हाज़िर होने के लिए अनुरोध किया जाता है। ठेका करार रु. 100/- (रुपये एक सौ मात्र) मूल्य का न्य यिके तर स्टांप कागजात में निष्पादि त किया जा ना है त था स्टांप कागजात का मूल्य आपके द्वारा भुगतान किया जाएगा।

The Joint General Manager (Engg-E), AAI, Tirupati Airport, Renigunta shall be the Engineer-in-charge of the work. You are requested to attend the Office of the Joint General Manager (Engg-E), AAI, Tirupati Airport, Renigunta by 05.08.2022 to sign and complete contract agreement. The contract agreement shall be executed on a non-

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भारतीय विमानपत्तन प्राधिकरण Airports Authority of India

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judicial stamp paper of value ₹.100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

3. कृपया ₹.84,540/- (रुपये चौरासी हजार पांच सौ चालीस मात्र) प्रतिभूतिजमाकी ओर इस पत्र को जारी की तिथि से 10 दिनों के अन्दर जमा करें, अगर असफल होने से ठेकादस्तावेज का धारा 1 एकाजीसीसीपृष्ठ सं. जीसीसी-17 के अनुसार उसी को कटौती की जाएगी।

Please deposit ₹.84,540.00 (Rupees Eighty Four Thousand Five Hundred and Forty only) towards Security Deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per conditions of as per Clause No. 1A at Page No. GCC-17 of contract document.

4. सहायक महाप्रबंधक (अभि-वि), भाविप्रा, तिरुपति हवाई अड्डा, रेनिगुंटा को तत्काल प्रभाव से संपर्क करने हेतु आपको निदेशित किया जाता है, जो आपको साइट सौंपने के लिए व्यवस्थित किया जाएगा।

You are also directed to contact Assistant General Manager [Engg-E] AAI, Tirupati Airport, Renigunta, immediately who will arrange to hand over the site to you.

5. कृपया नोट की जाए कि कार्य को पूरा करने के लिए दिया गया समय 02 (दो) महीना होगा तथा जो इस पत्र को जारी करने की तिथि के बाद से 10 दिनों तक गिना जाएगा।

Please note that the time allowed for carrying out the work shall be 02 [TWO] Months and same shall be reckoned from the 10th day after issue of this letter.

6. इस ठेका के संबंधित आगे कोई पत्राचार सामान्यतः अभियंता प्रभारी को संबोधित किया जाना है।

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

7. कृपया पावती भेजें और अधोहस्ताक्षर को हस्ताक्षर करने के बाद स्वीकृती के रूप में संलग्न किया गया इस पत्र की प्रति वापस भेजा जाता है।

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:- मात्रा की अनुसूची/Schedule of Quantities.

संयुक्त महा प्रबंधक (अभि-वि) ^{for} / Joint General Manager (Engg-E)
भा वि प्रा, तिरुपति हवाई अड्डा / AAI, Tirupati Airport
कृते एवं अध्यक्ष की ओर से / For and On Behalf of The Chairman
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India

(मुहर सहित ठेकेदार का हस्ताक्षर / Signature of the Contractor with seal)



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
तिरुपति ऐयरपोर्ट:: रेनिगुंटा 517520
TIRUPATI AIRPORT:: RENIGUNTA 517520

SCHEDULE OF QUANTITIES

Name of Work: ARMO of E&M installations at Tirupati Airport for year 2022-23.SH: Supply of Electrical Spares for E&M installations at Tirupati Airport

Sl. No.	DESCRIPTION OF ITEM	Qty	RATE	UNIT	AMOUNT
1	Supply of 18W recess mounted cool white LED downlighter with pressure die-cast aluminium heat sink & PC diffuser in white powder coated finish with integral electronic low THD (<10%), suitable to work with 220-240V, 50 Hz AC, CCT of 6500K, efficacy of Minimum 100 Lm/W, P.F>0.9 from list of approved makes as required. Ceiling cutout dia: 175 mm, lamp outer dia: 190 mm.(Model: Bajaj make BGSLO Sleek Recess RD 18W WH LED or Havells make INTEGRANEODLR18WLED857S or its equivalent from list of approved makes)	90	₹ 785.00	Each	₹ 70,650.00
2	Supply of 10W cool white LED batten with Aluminium housing and integrated electronic driver suitable to work with 220-240V, 50 Hz AC, CCT of 6500K, Minimum efficacy 100 Lm/W, P.F>0.95 and THD of <10% from list of approved makes as required. (Model : LUMILINE+BS10WLED865SPCSS of make Havells or equivalent from list of approved makes)	20	₹ 290.00	Each	₹ 5,800.00
3	Supply of 20W cool white LED batten with Aluminium housing and integrated electronic driver suitable to work with 220-240V, 50 Hz, CCT of 6500K, Minimum efficacy 100 Lm/W, P.F>0.95 and THD of <10% from list of approved makes as required. (Model : LUMILINE+BS20WLED830SPCSSS of make Havells or equivalent from list of approved makes)	75	₹ 325.00	Each	₹ 24,375.00
4	Supply of 36W cool white LED batten with aluminium housing and integrated electronic driver suitable to work with 220-240V, 50 Hz, CCT of 6500K, Minimum efficacy 100 Lm/W, P.F>0.95 and THD of <10% from list of approved makes as required. (Model : LUMILINE+XS36WLED865SPCWH of make Havells or equivalent from list of approved makes)	30	₹ 510.00	Each	₹ 15,300.00
5	Supply of 9W LED lamp (B22), CCT of 6500K and BEE rating of not less than 3 star, minimum efficacy of 100 Lm/W, suitable for single phase, 230 volts, 50 Hz complete as required from list of approved makes. (Model:LED ADORE PLUS 9W B22 CDL 3 STAR LAMP of make Havells or equivalent from list of approved makes)	50	₹ 80.00	Each	₹ 4,000.00
6	Supply of 25W cool white light LED strip (5 mtr length), CCT of 6500K of IP20, suitable to work with 220-250V, 50 Hz AC from list of approved makes as required. (Model : .nxt 25W PROFESSIONAL LED STRIP IP20 WH of make Bajaj or equivalent from list of approved makes)	20	₹ 495.00	Set	₹ 9,900.00

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7	Supply of driver suitable for 18 Watts LED down lighter, operating on 240V, 50HZ AC input supply capable of providing DC output voltage varies from 25 to 65 VDC, and constant current 300 mA.	40	₹ 765.00	Each	₹ 30,600.00
8	Supply of 6A 3pin plug top suitable to work with 220-240V, 50 Hz AC from list of approved makes as required.	20	₹ 50.00	Each	₹ 1,000.00
9	Supply of SWITCH of 16/20amps, Piano type 1way switch from list of approved makes as required. (Make: Anchor penta or equivalent from list of approved makes)	20	₹ 80.00	Each	₹ 1,600.00
10	Supply of Electronic Fan Regulator (450W Dimmer controller -1 Module) suitable for 240V, 50Hz AC supply etc. from list of approved makes as required (Make : ANCHOR, Model : 450 W Delux Dimmer controller, WHITE code 14504 or equivalent from list of Approved makes).	10	₹ 195.00	Each	₹ 1,950.00
11	Supply of 1.5sq.mm Flame Retardant Low Smoke & Halogen FR-LSH PVC insulated multistrand copper conductor, single core cable of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required	630	₹ 15.00	Mtrs	₹ 9,450.00
12	Supply of 2.5sq.mm Flame Retardant Low Smoke & Halogen FR-LSH PVC insulated multistrand copper conductor, single core cable of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required	540	₹ 25.00	Mtrs	₹ 13,500.00
13	Supplying of step type 100 A TPN type Aluminium busbar chamber made up of CRCA sheet suitable for outdoor application 240/415 volts, 50Hz rating etc. from list of approved makes as required. (Model: Indoasian cat no CPPI1025 or equivalent from list of approved makes)	1	₹ 4,765.00	Each	₹ 4,765.00
14	Supply of three core unarmoured cable of 2.5 sq.mm FR PVC insulated copper conductor of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required.	200	₹ 84.00	Mtrs	₹ 16,800.00
15	Supply of Four core unarmoured cable of 4.0 sq.mm FR PVC insulated copper conductor of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required.	200	₹ 172.00	Mtrs	₹ 34,400.00
16	Supply of Flat 3C x 4 Sq.mm PVC insulated and PVC sheathed industrial cable for submersible pump motors of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes	100	₹ 130.00	Mtrs	₹ 13,000.00
17	Supply of UL listed Control Module of Model: FCM-1 Make Notifier suitable for honeywell fire control system.	10	₹ 3,540.00	Each	₹ 35,400.00
18	Supply of UL listed Monitor Module of Model: FMM-1 Make Notifier suitable for honeywell fire control system.	10	₹ 2,950.00	Each	₹ 29,500.00
19	Supply of UL listed Photo electric smoke detector, Model No FSP-851 Make Notifier suitable for honeywell fire control system.	40	₹ 2,875.00	Each	₹ 1,15,000.00
20	Supply of UL listed Heat detector, Model No FST-851R Make Notifier suitable for honeywell fire control system.	20	₹ 2,830.00	Each	₹ 56,600.00

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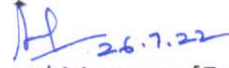
21	Supply of UL listed Multi sensor smoke detector, Model No FAPT-851 Make Notifier suitable for honeywell fire control system.	40	₹ 3,185.00	Each	₹ 1,27,400.00
22	Supply of driver/ SMPS suitable for fire alarm system operating on 90 to 270 V AC, 50 Hz AC input supply capable of providing DC output i.e. 24V, 2.5 A.	5	₹ 1,350.00	Each	₹ 6,750.00
23	Supply of Alluminium Lugs (tube terminal) of size 95sq.mm round from list of approved makes as required.	15	₹ 17.00	Each	₹ 255.00
24	Supply of Alluminium Lugs (tube terminal) of size 185 sq.mm round from list of approved makes as required.	15	₹ 40.00	Each	₹ 600.00
25	Supply of Alluminium Lugs (tube terminal) of size 240sq.mm round from list of approved makes as required.	15	₹ 66.00	Each	₹ 990.00
26	Supply of Alluminium Lugs (tube terminal) of size 300 sq.mm round from list of approved makes as required.	15	₹ 94.00	Each	₹ 1,410.00
27	Supply of Alluminium Lugs (tube terminal) of size 400 sq.mm round from list of approved makes as required.	15	₹ 136.00	Each	₹ 2,040.00
28	Supply of Brass single compression gland (45 mm) suitable for 3.5 X95 sq. mm 1.1 KV grade cable etc. from list of approved makes as required.	5	₹ 223.00	Each	₹ 1,115.00
29	Supply of Brass single compression gland (62 mm) suitable for 3.5 X240 sq. mm 1.1 KV grade cable etc. from list of approved makes as required.	5	₹ 432.00	Each	₹ 2,160.00
30	Supply of Brass single compression gland (70 mm) suitable for 3.5 X300 sq. mm 1.1 KV grade cable etc. from list of approved makes as required.	5	₹ 515.00	Each	₹ 2,575.00
31	Supply of Brass single compression gland (82 mm) suitable for 3.5 X400 sq. mm 1.1 KV grade cable etc. from list of approved makes as required.	5	₹ 730.00	Each	₹ 3,650.00
32	Supply of 2.50 mfd capacitors suitable for 230Volts, 50Hz AC supply for use in ceiling / wallmounted fan's etc from list of approved makes as required.	50	₹ 20.00	Each	₹ 1,000.00
33	Supply of Single Pole MCB 6A-32A, C - Series, 10KA short circuit capacity suitable for 240 / 415V,50 Hz rating etc. from list of approved makes as required. (Quantity 6A - 24 No's, 10A-10 No's, 16A-18 No's, 20A- 10 No's & 32A-06 No's)	68	₹ 110.00	Each	₹ 7,480.00
34	Supply of Four pole, MCB 40A, C - Series, 10KA short circuit capacity suitable for 240 / 415V,50Hz rating etc. from list of approved makes as required.	5	₹ 1,185.00	Each	₹ 5,925.00
35	Supply of Four Pole MCB 63A C - Series, 10KA short circuit capacity suitable for 220-240 /415V,50Hz rating etc. from list of approved makes as required.	9	₹ 1,222.00	Each	₹ 10,998.00
36	Supply of Four Pole MCB 63 amps D- Series 10KA short circuit Capacity suitable for 240/415 volts, 50Hz rating etc. from list of approved makes as required.	6	₹ 1,970.00	Each	₹ 11,820.00
37	Supply of Four Pole RCCB 40 amps,300 mA sensitivity, 10KA short circuit capacity suitable for 240/415 volts, 50Hz rating etc. from list of approved makes as required.	9	₹ 2,300.00	Each	₹ 20,700.00

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38	Supply of Four Pole RCCB 63 amps,300 mA sensitivity,10KA short circuit capacity suitable for 240/415 volts, 50Hz rating etc. from list of approved makes as required.	2	₹ 2,465.00	Each	₹ 4,930.00
39	Supply of Four Pole 40 amps changeover MCB 10KA short circuit Capacity suitable for 240/415 volts, 50Hz rating etc. from list of approved makes as required.	2	₹ 2,415.00	Eath	₹ 4,830.00
40	Supply of Driver suitable for "Philips ETE 10 Electronic transformer model" operating on 240V, 50HZ AC input supply, capable of providing AC output voltage 12 V , and output power 10W max .	15	₹ 195.00	Each	₹ 2,925.00
41	Supply of 70 to 75 watts LED outdoor street light luminaire cool white made with pressure die-cast aluminium housing with high power LEDS, direct modular IP lens suitable to work with 220-240V, 50 Hz , Minimum efficacy of 110 Lm/W from list of approved makes as required. (Model: Bajaj make ENXT P84L WH PO PC SD or Halonix make HLSLD-06-72-CWL-R or its equivalent from list of approved makes as required.)	12	₹ 2,580.00	Each	₹ 30,960.00
42	Supply of 4CX16 Sq.mm XLPE insulated, PVC sheathed aluminium conductor armoured power cable of 1.1KV grade confirming IS:7098 (Part-I) 1988 with upto date amendments etc, as required.	500	₹ 134.00	Mtrs	₹ 67,000.00
43	Supply of moisture displacer spray make STANVAC 8070 ELECTRICAL 88 CO2 360 SHP 700 ml	10	₹ 1,460.00	Each	₹ 14,600.00
44	Supply of 500 watts LED flood light luminaire made with pressure die-cast aluminium housing with high power LEDS, CCT 5700K, IP66 suitable to work with 220-240V, 50 Hz , Minimum efficacy of 110 Lm/W from list of approved makes as required. (Model: Panasonic make PFLM13ZS8 or Bajaj Make AMPL F 600L WH NB-A3 TG SD its equivalent from list of approved makes as required.)	1	₹ 19,700.00	Each	₹ 19,700.00
Total Amount in Rs.					₹ 8,45,403.00

(₹. Eight Lakhs Forty Five Thousand Four Hundred and Three only) (Excluding applicable GST)


Joint General Manager [Engg-E]
AAI/Tirupati Airport