



भारतीय विमानपत्तन प्राधिकरण Airports Authority of India

सं.सं.:भा.वि.प्रा/तिप/अभि-वि/एम-08/2020-21/294-302

दिनांक:24.02.2021

Ref No: AAI/TPT/ENGG(E)/M-08/2020-21/

Date:24.02.2021

सेवा में / TO

मेसेर्स दीपक इलेक्ट्रिकल्स/

ई-मेल/E-mail: c.deepakelectricals@yahoo.com

M/s Deepak Electricals,

पुराना नंबर 1/19 ए / Old No.1/19A,

नया नंबर 1/38, / New No.1/38,

कोसवनपुदुर गाँव और पोस्ट/ Kosavanpudur Village & Post,

काटपाडी तालुक / Katpadi Taluk

वेल्लोर जिला - 635803/ Vellore District - 635803.

विषय: तिरुपति हवाई अड्डे का वर्ष 2020-21 के लिए विद्युत एवं यांत्रिक उपकरणों का वार्षिक रिपेयर एवं मेंटेनेंस, **उपशीर्ष:** तिरुपति हवाई अड्डे पर ई एंड एम प्रतिष्ठानों के लिए इलेक्ट्रिकल और ग्राउंड लाइटिंग सुविधा पुर्जों की आपूर्ति।

Sub: Work Order for the work of ARMO of E&M Installations at Tirupati Airport for the year 2020-21. **Sub Head:** Supply of Electrical & Ground Lighting Facility Spares for E&M installations at Tirupati Airport.

संदर्भ:आपके मूल्य बिड(ई- टेंडर आई.डी.2021_भाविप्रा_66553_1) सीपीपी पोर्टल द्वारा 16.02.2021 को खुला गया.

Ref: Your Price Bid (e-Tender ID: 2021_AAI_66553_1) opened through CPP portal on 16.02.2021

प्रिय महोदय / Dear Sir(s),

1. उक्त उल्लेखित कार्य के लिए आपके निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की गई, आपके द्वारा उद्धृत किया गया दर कुल **₹. 19,32,880/-** (रुपये उन्नीस लाख तीस बत्तीस हजार और अस्सी मात्र) (जीएसटी को छोड़कर) जो 9.44% नीचे उचित लागत **₹.21,34,408 /-** (जीएसटी को छोड़कर) के नीचे 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 **₹.19,32,880/-** (Rupees Nineteen Lakhs Thirty Two Thousand Eight Hundred and Eighty Only) (Excluding GST), which is 9.44% below the justified cost of **₹.21,34,408/-** (Excluding GST).

Contd...02



भारतीय विमानपत्तन प्राधिकरण Airports Authority of India

:: 02 ::

2. सहायक महा प्रबंधक(अभि-वि), भा वि प्रा, तिरुपति हवाईअड्डा, रेणिगुंटा इस कार्य का अभियंता-प्रभारी रहेंगे। आप संविदा करार में हस्ताक्षर करने हेतु 08.03.2021 पर या पहले सहायक महा प्रबंधक(अभि-वि), भा वि प्रा, तिरुपति हवाईअड्डा, रेणिगुंटा की कार्यालय हाज़िर होने के लिए अनुरोध किए जाते हैं। ठेका करार रु.100/- मूल्य का न्ययिकेतर स्टॉप कागजात में निष्पादित किया जाना है तथा स्टॉप कागजात का मूल्य आपके द्वारा भुगतान किया जाएगा।

The Assistant 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 Assistant General Manager (Engg-E), AAI, Tirupati Airport, Renigunta latest by 08.03.2021 to sign and complete contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value ₹.100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

3. कृपया ₹.1,93,288/- (रुपये एक लाख नब्बे तीन हजार दो सौ अस्सी मात्र) सुरक्षा प्रतिभूति की ओर जमा करें, जो निविदा दस्तावेज का धारा 1ए का जी सी सी पृष्ठ सं.जी सी सी -17 के अनुसार आपके चालू बिलों से उसी को कटौती की जाएगी।

Please deposit ₹.1,93,288/- (Rupees One Lakh Ninety Three Thousand Two Hundred and Eighty Eight Only) towards Security Deposit, failing which the same will be deducted from your running bills as per Clause 1A of GCC Page No. GCC-17 of Tender Document.

4. निविदा दस्तावेज का जी सी सी धारा 19-20 तथा केन्द्रीय तथा राज्य सरकार के नियम में जैसे निर्दिष्ट किया था ठेका श्रम का प्रावधान (विनिमय तथा उत्सादन) अधिनियम 1970, ठेका श्रम (विनिमय तथा उत्सादन) केन्द्रीय नियम 1971, बाल श्रम (निषेध तथा विनिमय) अधिनियम 1986, न्यूनतम मजदूरी अधिनियम, कर्मचारी भविष्य निधि तथा विविध प्रावधान अधिनियम 1952, ई एस आई अधिनियम 1948 को अनुपालन करने हेतु आपसे अनुरोध किए जाते हैं।

You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970, Contract Labour (Regulation and Abolition) Central Rules 1971, Child Labour (Prohibition & Regulation) Act 1986, Minimum wages Act, Employees Provident Fund & Misc. Provisions Act 1952, ESI Act 1948 as specified in GCC Clause 19-20 of the Tender Document and rules thereof central and State Government.

5. कृपया नोट कीजिए कि कार्य करने के लिए दिया गया समय 02 (दो) महीने होगा तथा 05.03.2021 से वहीं गिना जाएगा।

Please note that the time allowed for carrying out the work shall be 02 (TWO) Months and same shall be reckoned from 05.03.2021.

Contd...03



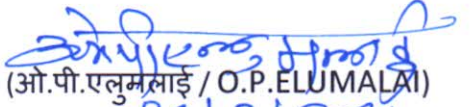
भारतीय विमानपत्तन प्राधिकरण Airports Authority of India

:: 03 ::

6. आप सहायक महा प्रबंधक (अभि-वि), भा वि प्रा, तिरुपति हवाईअड्डा, रेणिगुंटा को संपर्क करें कि , तत्काल प्रभाव से कौन आपको साइट सौंपने का व्यवस्था करेगा।
You are also directed to contact Assistant General Manager (Engg-Elect), AAI, Tirupati Airport, Renigunta, immediately who will arrange to hand over the site to you.
7. 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.
8. कृपया पावती भेजें और अधोहस्ताक्षर को स्वीकृती के रूप में संलग्न किया गया इस पत्र की प्रति लिपि में हस्ताक्षर करने के बाद वापस भेजा जाए।
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.


(ओ.पी.एलुमलाई / O.P.ELUMALAI)

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

भाविप्रा,तिरुपति हवाई अड्डा /AAI, Tirupati Airport

अध्यक्ष कृते एवं की ओर से/For & On Behalf of The Chairman

भारतीय विमानपत्तन प्राधिकरण /Airports Authority of India

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

सहायक महा प्रबंधक-अभियंत्रिक (विद्युत)

Asst. General Manager - Engg. (Ele.)

भारतीय विमानपत्तन प्राधिकरण

Airports Authority of India

तिरुपति हवाईअड्डा, रेणिगुंटा-517 520 (ए.पि.)

Tirupati Airport, Renigunta-517 520 (A.P.)



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 2020-21.

Sub Head:- Supply of Electrical & Ground Lighting Facility Spares for E&M Installations at Tirupati Airport

Sl. No.	DESCRIPTION OF ITEM	Total Qty	RATE	UNIT	AMOUNT
Sub-Head - I:					
1	Supply of 18w LED down lighter fitting suitable to work with 220-240V, 50 Hz AC, CCT of 5700K, of Minimum 95 Lm/W and THD of <10% from list of approved makes as required.(Model:BZSLO 18W WH PRO of make Bajaj or equivalent)	130	1900.00	Each	₹ 2,47,000.00
2	Supply of white light LED strip of 15W/Mtr of IP20, suitable to work with 220-250V, 50 Hz AC with relevant IS from list of approved makes as required. (Model : 75W PROFESSIONAL LED STRIP IP20 WH of make Bajaj or equivalent)	100	1800.00	Each	₹ 1,80,000.00
3	Supply of 45w LED driver suitable for M/s Bajaj make LED fitting of Model No.BRTFG 45W LED I, suitable to work with 220-250V, 50 Hz AC with relevant IS from list of approved makes as required.(Driver Model: BGD700655Y of make Bajaj or equivalent)	20	1700.00	Each	₹ 34,000.00
4	Supply of 80w LED driver suitable for M/s Philips make LED fitting of Model No.BY325P LED 100S to work with 220-250V, 50 Hz AC with relevant IS from list of approved makes as required.(Driver Model: BGD362105Y of make Bajajs or equivalent)	10	2100.00	Each	₹ 21,000.00
5	Supply of 90w LED driver suitable for M/s Wipro make LED fitting of Model No. LR02-102-XXX-57-XX, suitable to work with 220-250V, 50 Hz AC with relevant IS from list of approved makes as required. (Driver Model: LG56-086-002-1540 of make Wipro or equivalent from list of approved makes)	10	2200.00	Each	₹ 22,000.00
6	Supply of 120w LED driver suitablefor M/s Wipro make LED fitting of Model No. LR02-132-XXX-57-XX, suitable to work with 220-250V, 50 Hz AC with relevant IS from list of approved makes as required.(Model: LG56-048-002-2350 of make Wipro or equivalent)	15	2200.00	Each	₹ 33,000.00
7	Supply of LED drivers of Power rating 75W of IP20 for LED strip suitable to work with 220-250V, 50 Hz AC with relevant IS from list of approved makes as required. (Model: 75W LED Strip Driver IP20 of make Bajaj or equivalent).	10	1200.00	Each	₹ 12,000.00

"SCHEDULE OF QUANTITIES"

Name of Work: ARMO of E&M installations at Tirupati Airport for year 2020-21.

Sub Head:- Supply of Electrical & Ground Lighting Facility Spares for E&M Installations at Tirupati Airport

8	Supply of 6A 3pin Top suitable to work with 220-240V, 50 Hz AC with ISI marking from list of approved makes as required. (Make: Havells or equivalent from list of approved makes)	10	50.00	Each	₹ 500.00
9	Supply of 16A 3pin Top suitable to work with 220-240V, 50 Hz AC with ISI marking from list of approved makes as required. (Make: Havells or equivalent from list of approved makes)	10	70.00	Each	₹ 700.00
10	Supply of 3 Module PVC box suitable to work with 220-240V, 50 Hz AC with relevant IS from list of approved makes as required. (Make: Havells (Model: AHNXMIZX03) or equivalent from list of approved makes)	50	45.00	Each	₹ 2,250.00
11	Supply of 1 way 10Amp Modular switch suitable to work with 220-240V, 50 Hz AC with relevant IS from list of approved makes as required. (Make: Havells (Model: AHOSXXW101) or equivalent from list of approved makes)	70	40.00	Each	₹ 2,800.00
12	Supply of 1 way 16 Amp Modular switch suitable to work with 220-240V, 50 Hz AC with relevant IS from list of approved makes as required. (Make Havells (Model:AHOSXXW161) or equivalent from list of approved makes)	50	85.00	Each	₹ 4,250.00
13	Supply of 6A 3 pin Shuttered Socket suitable to work with 220-240V, 50 Hz AC with relevant IS from list of approved makes as required. (Model: AHOKPXW063 Make Havells or equivalent from list of approved makes)	70	90.00	Each	₹ 6,300.00
14	Supply of 6/16A 3 pin Shuttered Socket suitable to work with 220-240V, 50 Hz AC with relevant IS from list of approved makes as required. (Model:AHOKPXW163 Make Havells or equivalent from list of approved makes)	50	140.00	Each	₹ 7,000.00
15	Supply of 3 Module Front Plate with base frame suitable to work with 220-240V, 50Hz AC with relevant IS from list of approved makes as required. (Make: Havells Model: AHOPPCWV03 or its equivalent from list of approved makes)	50	65.00	Each	₹ 3,250.00
16	Supply of 40A Double pole(phase and neutral) RCCB of 100mA sensitivity suitable for 220-240V, 50 Hz rating etc., of relevant IS from list of approved makes as required.(Model: DHRGCTDF100040 of Havells make or its equivalent from list of approved makes)	10	2200.00	Each	₹ 22,000.00
17	Supply of 63A Four pole MCB of C-series, 10KA capacity suitable for 220-240/415V, 50Hz rating etc., of relevant IS from list of approved makes as required.(Model: DHMGCFFP063 of Havells make or its equivalent from list of approved makes)	8	1800.00	Each	₹ 14,400.00

"SCHEDULE OF QUANTITIES"

Name of Work: ARMO of E&M installations at Tirupati Airport for year 2020-21.

Sub Head:- Supply of Electrical & Ground Lighting Facility Spares for E&M Installations at Tirupati Airport

18	Supply of 1.5sq.mm FRLS PVC insulated multistrand copper conductor, single core cable of 1.1KV grade, confirming to IS 694 grade from list of approved makes as required	450	12.00	Mtr.	₹ 5,400.00
19	Supply of 2.5sq.mm FRLSH PVC insulated multistrand copper conductor, single core cable of 1.1KV grade, confirming to IS 694 grade from list of approved makes as required	270	19.00	Mtr.	₹ 5,130.00
20	Supply of 4.0sq.mm FRLSH PVC insulated multistrand copper conductor, single core cable of 1.1KV grade, confirming to IS 694 grade from list of approved makes as required	180	25.00	Mtr.	₹ 4,500.00
21	Supply of 6.0sq.mm FRLSH PVC insulated multistrand copper conductor, single core cable of 1.1KV grade, confirming to IS 694 grade from list of approved makes as required	90	31.00	Mtr.	₹ 2,790.00
22	Supply of three core unarmoured cable of 1.5 sq.mm FR PVC insulated copper conductor of 1.1KV grade, confirming to IS 694 grade from list of approved makes as required.	100	60.00	Mtr.	₹ 6,000.00
23	Supply of three core unarmoured cable of 2.5 sq.mm FR PVC insulated copper conductor of 1.1KV grade, confirming to IS 694 grade from list of approved makes as required.	100	75.00	Mtr.	₹ 7,500.00
24	Supply of Four core unarmoured cable of 4.0 sq.mm FR PVC insulated copper conductor of 1.1KV grade, confirming to IS 694 grade from list of approved makes as required.	100	90.00	Mtr.	₹ 9,000.00
25	Supply of Flush Mount Dual load 360 degrees standalone sensor of M/s Schneider make, Model: SAE-UE-MS-CDBWE.	10	3500.00	Each	₹ 35,000.00
26	Supply of UL listed Control Module of Model: FCM-1 Make Notifier by Honeywell.	12	1800.00	Each	₹ 21,600.00
27	Supply of UL listed Monitor Module of Model: FMM-1 Make Notifier by Honeywell.	12	1800.00	Each	₹ 21,600.00
28	Supply of UL listed Photo electric smoke detector, Model No FSP-851 Make Notifier by Honeywell.	5	1900.00	Each	₹ 9,500.00
29	Supply of UL listed Heat detector, Model No FST-851R Make Notifier by Honeywell.	10	1900.00	Each	₹ 19,000.00
30	Supply of UL listed Multi sensor smoke detector, Model No FAPT-851 Make Notifier by Honeywell.	10	1900.00	Each	₹ 19,000.00
31	Supply of SMPS suitable for operation on 230+/-10% V, 50 Hz AC input supply capable of providing DC output i.e. 24V, 1 to 2.2 A, 50 watts Model No ABL 2REM24020H by Schneider electric or its equivalent	5	650.00	Each	₹ 3,250.00
32	Supply of air filter for Aspiration smoke detection VESDA panel, Model - FFAST-8100E make Notifier by Honeywell.	15	200.00	Each	₹ 3,000.00

"SCHEDULE OF QUANTITIES"

Name of Work: ARMO of E&M installations at Tirupati Airport for year 2020-21.

Sub Head:- Supply of Electrical & Ground Lighting Facility Spares for E&M Installations at Tirupati Airport

33	Supply of Actuator fan for Aspiration smoke detection VESDA panel, Model - FFAST-8100E make Notifier by Honeywell.	6	600.00	Each	₹ 3,600.00
34	Supply of Manual Call points Model - NBG-12LX make Notifier by Honeywell.	20	2500.00	Each	₹ 50,000.00
35	Supply of Push to talk type telephone (Talk back units) Model - FPJ+FHS make Notifier by Honeywell.	10	1500.00	Each	₹ 15,000.00
36	Supply of Optical smoke detector Model - Part No 55000-316 APO by Series 65	30	1200.00	Each	₹ 36,000.00
37	Supply of Alluminium Lugs (tube terminal) of size 16 sq.mm round from list of approved makes as required.(Make Comet or equivalent from list of approved makes)	15	12.00	Each	₹ 180.00
38	Supply of Alluminium Lugs (tube terminal) of size 70 sq.mm round from list of approved makes as required.(Make Comet or equivalent from list of approved makes)	15	45.00	Each	₹ 675.00
39	Supply of Alluminium Lugs (tube terminal) of size 120 sq.mm round from list of approved makes as required.(Make Comet or equivalent from list of approved makes)	15	65.00	Each	₹ 975.00
40	Supply of Alluminium Lugs (tube terminal) of size 185 sq.mm round from list of approved makes as required.(Make Comet or equivalent from list of approved makes)	15	85.00	Each	₹ 1,275.00
41	Supply of Alluminium Lugs (tube terminal) of size 300 sq.mm round from list of approved makes as required.(Make Comet or equivalent from list of approved makes)	15	122.00	Each	₹ 1,830.00
42	Supply of Copper Lugs (tube terminal) of size 6 sq.mm round from list of approved makes as required.(Make Comet or equivalent from list of approved makes)	25	12.00	Each	₹ 300.00
43	Supply of Copper Lugs (tube terminal) of size 16 sq.mm round from list of approved makes as required.(Make Comet or equivalent from list of approved makes)	20	35.00	Each	₹ 700.00
44	Supply of 2.50 mfd, +5% Capacitors suitable for 230Volts, 50Hz AC supply of relevant IS as required for use in Ceiling / Wallmounted fan's. (Make:Havells or similar from list of approved makes).	60	55.00	Each	₹ 3,300.00
45	Supply of TPN, MCB 40A, C - Series, 10KA capacity suitable for 240 / 415V,50Hz rating etc., of relevant IS from list of approved makes as required.	21	1100.00	Each	₹ 23,100.00
46	Supply of 9W LED lamp (B22), 6500K and BEE rating of not less than 3 star, efficacy of Minimum 95 Lm/W, suitable for single phase, 230 volts, 50 Hz complete as required. (Model:LED ADORE9 W B22 WW 3 STAR LAMP of make Havells or equivalent)	50	145.00	Each	₹ 7,250.00

"SCHEDULE OF QUANTITIES"

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Sub Head:- Supply of Electrical & Ground Lighting Facility Spares for E&M Installations at Tirupati Airport

47	Supply of 35 - 40W LED post-top luminaire new generation, post-top , energy saving, environmental friendly, long life aesthetically designed with symmetrical light distribution, spun aluminium landscape luminaire with high power LEDs as light source having IP 65 protection suitable for single phase, 220-240V, 50 Hz AC, CCT of 5700K, efficacy of Minimum 95 Lm/W, P.F>0.95 and THD of <10%, of relevant IS from list of approved makes as required. (Model:CORALPT35WLED757PSYMTOPC of make Havells or equivalent)	20	4500.00	Each	₹ 90,000.00
48	Supply of 63A Double pole(phase and neutral) RCCB of 100mA sensitivity suitable for 220-240V, 50 Hz rating etc., of relevant IS from list of approved makes as required.(Model: DHRGCRFF100063 of Havells make or its equivalent from list of approved makes)	10	1900.00	Each	₹ 19,000.00
49	Supply of 63A Double pole(phase and neutral) RCCB of 300mA sensitivity suitable for 220-240V, 50 Hz rating etc., of relevant IS from list of approved makes as required.(Model: DHRGCRFF300063 of Havells make or its equivalent from list of approved makes)	10	1900.00	Each	₹ 19,000.00
50	Supply of 6 Module PVC box suitable to work with 220-240V, 50 Hz AC with relevant IS from list of approved makes as required. (Make: Havells (Model: AHNXMIZX06) or equivalent from list of approved makes)	30	75.00	Each	₹ 2,250.00
51	Supply of 6 Module Front Plate with base frame suitable to work with 220-240V, 50Hz AC with relevant IS from list of approved makes as required. (Make: Havells Model: AHOPPCWV06 or its equivalent from list of approved makes)	30	85.00	Each	₹ 2,550.00
52	Supply of 5.5w LED spot light (high beam intensity) suitable to work with 220-240V, 50 Hz AC, CCT of 2700K ,warm white, of Minimum 75 Lm/W from list of approved makes as required.(Model: Philips Master LED MR-16 2700K 5.5-50w of make Philips or equivalent)	30	800.00	Each	₹ 24,000.00
53	Supply of Single pole MCB 6-32 A F MCB of B-series, 10KA capacity suitable for 220-240/415V, 50Hz rating etc., of relevant IS from list of approved makes as required.(Model: DHMGBSPF006-032 of Havells make or its equivalent from list of approved makes) (6A= 10 Nos, 10A= 10 Nos, 20A= 10Nos, 32A= 10Nos	40	190.00	Each	₹ 7,600.00
54	Supply of SWITCH of 5/6Amps, Piano type 1 Way Switch as required. (Make : ANCHOR, Model : PENTA DELUXE, IVORY 50010 or similar from list of Approved makes)	120	20.00	Each	₹ 2,400.00

"SCHEDULE OF QUANTITIES"

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55	Supply of SWITCH of 15amps, Piano type 1way switch as required. (Make: Anchor, Model: PENTA DELUXE IVORY 50961 or similar from list of Approved makes)	30	45.00	Each	₹ 1,350.00
56	Supply of SOCKET of 5/6 Amp, Piano type Multi socket for 2 & 3 Pin as required. (Make : ANCHOR, Model : PENTA SOCKETS, IVORY 50280, or Similar from list of Approved makes)	60	45.00	Each	₹ 2,700.00
57	Supply of Electronic Fan Regulator (1 Module) suitable for 240V, 50Hz AC supply etc. with relevant IS as required (Make : ANCHOR, Model : Dimmer controller, IVORY 50428, or equivalent from list of Approved makes).	25	145.00	Each	₹ 3,625.00
Sub-Head - II:					
58	Supply of 200W, 6.6A, Bi-pin Halogen lamp for Airfield ground lighting facilities from the list of approved of makes. Suitable for M/s NARVA make Cat no. 58373	150	430.00	Nos	₹ 64,500.00
59	Supply of Lamp holder suitable for Bi-pin Halogen lamp for Airfield ground lighting facilities from the list of approved of makes.	100	200.00	Nos	₹ 20,000.00
60	Supply of 5KV grade plug and receptacle of type I class "B" connector suitable for field attachment with 5KV grade PVC insulated PVC sheathed single core 6 mm ² copper conductor cable conforming to the relevant IS specification etc. complete as required.	60	350.00	Set	₹ 21,000.00
61	Supply of 5KV grade plug and receptacle of type I class "B" connector suitable for field attachment with 5KV grade PVC insulated PVC sheathed single core 16 mm ² copper conductor cable conforming to the relevant IS specification etc. complete as required.	40	350.00	Set	₹ 14,000.00
62	Supply of Rubber gasket for base plate (RWY/TWY Fitting) etc. of relevant IS from list of approved makes as required.	50	120.00	Nos	₹ 6,000.00
63	Supply of 200 Watts 6.6/6.6 Amps 5KV grade 50Hz isolating transformer series type encapsulated in polyester resin finally moulded in neoprene type rubber with primary and secondary connections as specified in particular specifications.	25	4200.00	Nos	₹ 1,05,000.00
64	Supply of 200 Watts 20/6.6 Amps 5KV grade 50Hz isolating transformer series type encapsulated in polyester resin finally moulded in neoprene type rubber with primary and secondary connections as specified in particular specifications.	25	4200.00	Nos	₹ 1,05,000.00
65	Supply of 45 Watts 6.6/6.6 Amps 5KV grade 50Hz isolating transformer series type encapsulated in polyester resin finally moulded in neoprene type rubber with primary and secondary connections as specified in particular specifications.	10	3000.00	Nos	₹ 30,000.00
66	Supply of LED Taxiway Edge light fitting i/c its drivers, lens and complete assembly of relevant IS from list of approved makes as required (Suitable for ALN & ALD type of M/s AMA).	20	9000.00	Nos	₹ 1,80,000.00

"SCHEDULE OF QUANTITIES"

Name of Work: ARMO of E&M installations at Tirupati Airport for year 2020-21.

Sub Head:- Supply of Electrical & Ground Lighting Facility Spares for E&M Installations at Tirupati Airport

67	Supply of 105W, 6.6A, Halogen lamp for (Inset fitting) Airfield ground lighting facilities (Make: Osram, Cat No. 64339).	20	950.00	Nos	₹ 19,000.00
68	Supply of HT Tape (Water resistant self fusing/sealing tape) roll of 38mm x 9.1mtr size suitable for U/G cable application, etc., as required. (Make: Permacel, Model:P-966 or similar from list of approved makes).	40	900.00	Nos	₹ 36,000.00
69	Supply of 2x2.5 sq. mm Cu conductor, 600V grade Two pin Secondary plug assembly of length 0.3Mtr. with male connector, suitable for AUN, ALN and ALD type fitting of M/s AMA make.	30	350.00	Nos	₹ 10,500.00
70	Supply of 3x2.5 sq. mm Cu conductor, 600V grade Two pin Secondary plug assembly of length 2.5Mtr., suitable for PAPI assembly of M/s AMA make.	20	450.00	Nos	₹ 9,000.00
71	Supply of 180° Filter - Red for AMA AUN Runway Fitting	30	2000.00	Nos	₹ 60,000.00
72	Supply of 180° Filter - Green for AMA AUN Runway Fitting	10	2000.00	Nos	₹ 20,000.00
73	Supply of 180° Filter - Yellow for AMA AUN Runway Fitting	10	2000.00	Nos	₹ 20,000.00
74	Supply of Clinometer suitable for M/s AMA make PAPI	1	10000.00	Nos	₹ 10,000.00
75	Supply of Converter suitable for NASU make Guidance Signage Boards having input from CCR current 2.8 A to 6.6A & output for board having height 800mm and suitable for entire length of board from 0.8m to 3m. Make:- NASU	3	7500.00	Nos	₹ 22,500.00
76	Supply of driver for existing signage board. of Make POSHDECOR (Suitable for sign board having length from 800mm up to 3000mm and should be illuminated by a single driver. The driver should work on runway current varying from 2.8 to 6.6 Amp & should have uniform brightness across the entire range of current variation from 2.8 Amp to 6.6 Amp.	3	7500.00	Nos	₹ 22,500.00
77	Supply of driver for existing signage board. of Make: Electro System (Suitable for sign board having length from 800mm up to 3000mm and should be illuminated by a single driver. The driver should work on runway current varying from 2.8 to 6.6 Amp & should have uniform brightness across the entire range of current variation from 2.8 Amp to 6.6 Amp.	3	7500.00	Nos	₹ 22,500.00
78	Supply of LED strip suitable for 800 mm board with high luminous long life typically 50,000 Hrs type, 0.5 Watts LED's assembled on aluminium PCB of size 700mm X 20mm and having 11 LED's per PCB. The thickness of the aluminium PCB shall be 2mm in order to ensure proper heat dissipation. Make:- NASU	20	525.00	Nos	₹ 10,500.00

"SCHEDULE OF QUANTITIES"

Name of Work: ARMO of E&M installations at Tirupati Airport for year 2020-21.

Sub Head:- Supply of Electrical & Ground Lighting Facility Spares for E&M Installations at Tirupati Airport

79	Supply of LED strip suitable for 800 mm board with high luminous long life typically 50,000 Hrs type, 0. 5 Watts LED's assembled on aluminium PCB of size 700mm X 20mm and having 11 LED's per PCB. The thickness of the aluminium PCB shall be 2mm in order to ensure proper heat dissipation. Make:- POSHDECOR	20	525.00	Nos	₹ 10,500.00
80	Supply of LED strip suitable for 800 mm board with high luminous long life typically 50,000 Hrs type, 0. 5 Watts LED's assembled on aluminium PCB of size 700mm X 20mm and having 11 LED's per PCB. The thickness of the aluminium PCB shall be 2mm in order to ensure proper heat dissipation. Make:- Electro System	20	550.00	Nos	₹ 11,000.00
Total Amount in Rs.					19,32,880.00

(Rupees Nineteen Lakhs Thirty Two Thousand Eight Hundred and Eighty only) (Excluding applicable GST)


Asst. Gen. Manager (Engg-Elect)
AAI, Tirupati Airport, Renigunta

24/2/2021
सहायक महा प्रबंधक-अभियांत्रिक (विद्युत)
Asst. General Manager - Engg. (Ele.)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
तिरुपति हवाई जंक्शन, रेनिगुन्टा-517 520 (ए.पी.)
Tirupati Airport, Renigunta-517 520 (A.P.)