



भारतीय विमानपत्तन प्राधिकरण Airports Authority of India

सं.सं.:भा.वि.प्रा/तिप/अभि-वि/एम-05/2020-21/ 524-533

दिनांक:15.02.2021

Ref No: AAI/TPT/ENGG(E)/M-05/2020-21/ 524-533

Date:15.02.2021

सेवा में / TO

मेसेर्स लक्ष्मी एलेक्ट्रिकल एंटरप्राइजेज /

M/s Lakshmi Electrical Enterprises,

सं: 1सी/ No: 1C,

सीएलसी वर्क्स रोड/ CLC Works Road,

न्यू कॉलोनी, क्रोमपेट/ New Colony, Chromepet,

चेन्नई/ Chennai – 600 044.

ई-मेल/E-mail: lakshmielec.chennai@gmail.com

विषय: तिरुपति हवाई अड्डे का वर्ष 2020-22 के लिए विद्युत एवं यांत्रिक उपकरणों का वार्षिक रिपेयर एवं मेंटेनेंस, उपशीर्ष: तिरुपति हवाई अड्डे पर विभिन्न पहाड़ियों पर पावर हाउस, ओटीबी, सहायक भवनों, परिधि प्रकाश और आवासीय कॉलोनी और सौर ऊर्जा संचालित बाधा रोशनी के एएमसी में इलेक्ट्रिकल और मैकेनिकल प्रतिष्ठान का संचालन रखरखाव।

Sub: Work Order for the work of ARMO of E&M Installations at Tirupati Airport for the year 2020-22. **Sub Head:** O&M of E&M Installations at Power House, OTB, Ancillary Buildings, Perimeter Lighting and Residential Colony & AMC of Solar Powered Obstacle Lights at various hills at Tirupati Airport.

संदर्भ:आपके मूल्य बिड(ई- टेंडर आई.डी.2020_भाविप्रा_66072_1) सीपीपी पोर्टल द्वारा 03.02.2021 को खुला गया

Ref: Your Price Bid (e-Tender ID: 2020_AAI_66072_1) opened through CPP portal on 03.02.2021.

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 **₹.1,41,27,240/-** (रुपये एक करोड़ इकतालीस लाख इकीस हजार दो सौ और चालीस मात्र) (जीएसटी को छोड़कर) जो 15.23% नीचे उचित लागत **₹.1,66,66,114/-** (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 **₹.1,41,27,240/-** (Rupees One Crore Forty One Lakhs Twenty Seven Thousand Two Hundred and Forty Only) (Excluding GST), which is 15.23% below the justified cost of **₹.1,66,66,114/-** (Excluding GST).

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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 01.03.2021 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 01.03.2021 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 ₹.14,12,724/- (रुपये चौदह लाख बारह हजार सात सौ और चौबीस 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 ₹.14,12,724/- (Rupees Fourteen Lakhs Twelve Thousand Seven Hundred and Twenty Four 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 उत्पादन) अधिनियम 1970, ठेका श्रम (विनिमय तथा उत्पादन) 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 **24 (चौबीस) महीने** होगा तथा 01.03.2021 से वहीं गिना जाएगा।

Please note that the time allowed for carrying out the work shall be **24 (TWENTY FOUR) Months** and same shall be reckoned from 01.03.2021.

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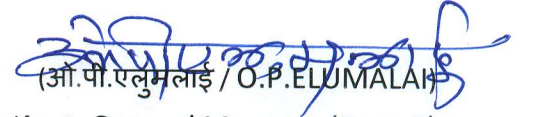
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6. आप सहायक महा प्रबंधक (अभि-वि), भा वि प्रा, तिरुपति हवाईअड्डा, रेणिगुंटा को संपर्क करें कि , तत्काल प्रभाव से कौन आपको साइट सौंपने का व्यवस्था करेगा।
You are also directed to contact Assistant General Manager (Engg-Elect), AAI, Tirupati Airport, 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 - अभियांत्रिक (विद्युत)
Asst. General Manager - Engg. (Elec.)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
तिरुपति हवाई अड्डा, रेणिगुंटा - 517 520, (ए.पि.)
Tirupati Airport, Renigunta - 517 520, (A.P.)

"SCHEDULE OF QUANTITIES"

NAME OF WORK: ARMO of E&M Installations at Tirupati Airport for the year 2020 -22.

SUB HEAD: O & M of E & M Installations at Power House, OTB, Ancillary Buildings, Perimeter Lighting and Residential Colony & AMC of Solar Powered Obstacle Lights at various hills at Tirupati Airport.

S.No.	Description of Item	Qty	Unit	Rate	Amount
Sub Head I : O & M of E & M Installations					
1	Job Contract for Operation and Maintenance of Electrical and Mechanical installations at 33/0.433KV Power house, NAV-AIDS, Ground Lighting Facilities, Fire Station, MT section including minor additions and alterations as directed by Engineer-in-charge on all days including Sundays and Holidays as per Special Conditions of Contract attached.	24	Month	2 51 204.00	60 28 896.00
2	Job Contract for Operation and Maintenance of Electrical and Mechanical installations at Old Terminal Buliding (OTB), Technical Block & Pump House, Perimeter Lighting and CISF Barracks including minor additions and alterations as directed by Engineer-in-charge on all days including Sundays and Holidays as per Special Conditions of Contract attached.	24	Month	1 84 651.00	44 31 624.00
3	Job Contract for Operation and Maintenance of Electrical and Mechanical installations at AAI Residential Colony including minor additions and alterations as directed by Engineer-in-charge on all days including Sundays and Holidays as per Special Conditions of Contract attached.	24	Month	45 285.00	10 86 840.00
Sub Head II : Fire Alarm & Hydrant System					
4	Job contract for Operation and Maintenance of Fire detection & Alarm system and Fire Hydrant System at Old Terminal Buliding (OTB), Technical Block and NAV-AIDS including minor additions and alterations as directed by Engineer-in-charge on all days including Sundays and Holidays as per Special Conditions of Contract attached.	24	Month	66 416.00	15 93 984.00
Sub Head III : AMC of Solar Powered Obstacle Lights					
5	Job Contract for routine Maintenance / servicing / monitoring of serviceability of Solar Powered Obstacle Light(SPOL) and attending breakdown servicing provided at following 5 Hill tops : SPOL Hills upto 500 Mtr. Height i.Gopalagutta ii. Suddhakalva-I iii. Suddhakalva-II iv. Kuppuchandrapeta v. Karakambadi	120	Job	1 500.00	1 80 000.00
6	Job contract for routine Maintenance / servicing / monitoring of serviceability of Solar Powered Obstacle Light(SPOL) and attending breakdown servicing provided at following 7 Hill tops : SPOL Hills above 500 Mtr. Height i.Erpedu ii.Kandadu Konda iii.Sanambatla Konda [Pedda Durga] iv.Tirupati [Gantamandapam] v.Sadasiva Konda vi.Rangaswamy Konda vii.Battanaiah Konda	168	Job	1 400.00	2 35 200.00
Sub Head IV : Miscellaneous Works					
7	Testing of stack DG set (750KVA DG set / 25KVA / 10KVA) for Stack emissions of NOx , NMHC , PM , CO , SO2 under Environmental Monitoring Services and submission of test analysis reports as per CPCB, MoE&F, GOI.	10	Job	3 000.00	30 000.00

S.No.	Description of Item	Qty	Unit	Rate	Amount
8	Supply of Silica gel crystals for Power Transformer as and when required.	32	Kg	300.00	9 600.00
9	Testing of transformer oil sample with H.T. B.D.V Kit and submission of test certificate etc. as required.	8	Job	600.00	4 800.00
10	Supply of Transformer Oil for Topup of for 2 Nos. of 2 MVA, 33kV/433V Transformers with OLTC, which are installed at Tirupati Airport.	200	Ltr	115.00	23 000.00
11	Dehydration/filtration of transformer oil to attain acceptable dielectric strength by hot streamline process for 33/0.433kV indoor transformers including transportation of filtration equipment, submission of BDV test reports etc. as required. i) 2x2MVA Transformers-(2420 Ltr per each) ii) 2xOLTC-(700 Ltr per each)	12,480	Ltr	5.00	62 400.00
12	Job contract for servicing of On-Load tap Changer (Make: CTR) used for 33/0.433KV, Transformer including removal of oil, cleaning of selector switch (for removal of carbon), tightening of all loose connections, cleaning of OLTC tank and re-filling of fresh/filtered oil having suitable BDV to the required level and complete as required. (New Oil shall be supplied by AAI, incase of topup requirement).	4	Job	6 600.00	26 400.00
13	Calibration and testing of following relays at 33KV H.T.Panel using Relay testing kit / primary / secondary injection kit including transportation of testing kits, adjustment of plug settings, if any and submission of test reports etc. i) Overcurrent & Earth fault relay: 7 Nos. ii) Trip Circuit Supervision Relay: 7 Nos. iii) Transformer Auxiliary Relay: 4 Nos.	2	Set	35 000.00	70 000.00
14	Annual Service Contract of Kirloskar make, 33KV, Vacuum Circuit Breakers (VCB) of capacity 1250A (Total: 7 Nos) by carrying out preventive maintenance checks (once in a year) as per OEM's recommendations and as per Special conditions of contract attached. (Service contract is excluding spares.)	2	Job	40 000.00	80 000.00
15	Job contract for attending breakdown service for Kirloskar make, 33KV, Vacuum Circuit Breakers (VCB) of capacity 1250A (Qty: 1 No) as per OEM's recommendations and as per Special Conditions of Contract attached. (Service contract is excluding spares.)	4	Job	8 999.00	35 996.00
16	Annual Service Contract of ABB make Low Voltage Air Circuit Breakers (ACB) of capacities ranging from 800A to 3200A (Model: SACE Emax, Total: 31 Nos) by carrying out preventive maintenance checks (once in six months) as per OEM's recommendations and attending breakdown calls as and when required and as per Special conditions of contract attached. (Service contract is excluding spares.)	2	Job	55 000.00	1 10 000.00
17	Painting (two or more coats) on existing street light pole (Approx. 8m Ht.) with synthetic enamel paint of approved brand and manufacture and required colour including making numbering for each pole at Tirupati Airport and complete as required.	54	Job	400.00	21 600.00
18	Painting (two or more coats) on existing street light pole (Approx. 5m Ht.) with synthetic enamel paint of approved brand and manufacture and required colour including making numbering for each pole at AAI Residential Colony and complete as required.	34	Job	350.00	11 900.00
Sub Head V : CPWD Schedule of works as and when required.					
19	Execution of any item of work as per CPWD Delhi Schedule of Rates (E&M)-2018 as and when required.	100,000.00	%	.85	85 000.00
				Total (Rs.)	1 41 27 240.00


 Assistant General Manager (Engg-E)
 AAI/Tirupati Airport/Renigunta
 15/2/2021
 सहायक महा प्रबंधक - अभियंत्रिक (विद्युत)
 Asst. General Manager - Engg. (Elec.)
 भारतीय विमानपत्तन प्राधिकरण
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 Tirupati Airport, Renigunta - 517 520, (A.P.)