



रजिस्टर्ड ए.डी. दवारा/By Regd. A.D.

सं.सं. भाविप्रा/भोपाल/उप.म.प्र.(अभि.-वि.)/का.आ.02/2021-22 **1342(1-7)**  
Ref. No: AAI/BPL/DGM(E-E)/WO-02/2021-22

दिनांक: 14.06.2021

Date: 14.06.2021

सेवा में,

मेसर्स एस. एस. इलेक्ट्रिकल्स,

8/12, श्रीराम अपार्टमेंट्स,

6 मालवीय नगर,

भोपाल - 462003

ई-मेल: sselectricals.bpl@gmail.com

M/s S S Electricals,

8/12, Shriram Apartments,

6 Malviya Nagar,

Bhopal - 462003

E-mail: sselectricals.bpl@gmail.com

विषय :- "भोपाल विमानतल पर मौसम अवलोकन प्रणाली (AWOS) / RVR उपकरण की स्थापना ।  
उपशीर्ष: विद्युत कार्य ।"

Subject: "Installation of weather observation system (AWOS) / RVR equipment at Bhopal Airport. SH: Electrical Works."

संदर्भ : 1) दिनांक 12.02.2021 को खोली गई आपकी निविदा

Ref.: 1) Your tender opened on dated 12.02.2021

महोदय/Dear Sir,

1. उल्लेखित कार्य हेतु आपकी ई-निविदा आपके द्वारा उद्धृत कुल ₹. 5,46,495/- (₹. पांच लाख छियालीस हजार चार सौ पंचानवे मात्र) की नियत मद दर पर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से एतद् द्वारा स्वीकृत की जाती है, जो कि ई-निविदा की अनुमानित लागत ₹. 6,18,803/- (₹. छह लाख अठारह हजार आठ सौ तीन मात्र) से 11.69 % कम 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. 5,46,495.00 (Rupees Five Lakh Forty Six Thousand Four Hundred Ninety Five Only) which is 11.69% below the estimated cost put to E-Tender of Rs. 6,18,803.00 (Rupees Six Lakh Eighteen Thousand Eight Hundred Three Only).

2. उप महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, राजा भोज विमानतल, भोपाल इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे निवेदन है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु 09.07.2021 तक उप महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, भोपाल विमानपत्तन के कार्यालय में उपस्थित हो। संविदा करार ₹ 500/- (पाँच सौ रुपये) के न्यायिकेतर (नॉन - ज्युडिशियल) स्टॉप पेपर पर बनाया जायगा तथा स्टॉप पेपर की लागत आपके द्वारा वहन की जाएगी ।

Dy. Gen. Manager (Engg.-Elect.), Airports Authority of India, Raja Bhoj Airport, Bhopal shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Dy. Gen. Manager (Engg.-Elect.), Airports Authority of India, Raja Bhoj Airport, Bhopal by 09.07.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 500/- (Rupees Five Hundred only) and the cost of the stamp paper shall be borne by you.

3. ठेका कागजातों के पृष्ठ 15 की शर्त 1 ए के अनुसार आपकी संविदा के साथ प्राप्त **रु. 12,380/-** (रुपये बारह हजार तीन सौ अस्सी मात्र) की बयाना राशि को कार्य के प्रतिभूति जमा के कुछ भाग में तब्दील कर दिया गया है। कृपया इस पत्र के जारी होने के 10 दिनों के अंदर प्रतिभूति जमा के रूप में **रु. 42,270 /-** (रुपये बयालीस हजार दो सौ सत्तर मात्र) की राशि इस कार्यालय में जमा करा दे अन्यथा करारनामे की संविदा की सामान्य शर्त के पृष्ठ संख्या पृष्ठ -15 पर दी शर्त 1 ए के अनुसार उक्त राशि आपके बिल से काट ली जाएगी।  
The earnest money amount of **Rs. 12,380/- (Rupees Twelve Thousand Three Hundred Eighty Only)** received along with your tender will be treated and converted as part of Security Deposit as per condition of Clause no. 1 A on page 15 of contract document. Please deposit **Rs. 42,270 /- (Rupees Forty Two Thousand Two Hundred Seventy Only)** towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per condition of Clause 1 A on page 15 of the contract document.
4. आपसे अनुरोध है कि आप ठेका श्रमिक (विनियम एवं उन्मूलन) अधिनियम 1970 के उपबंधों एवं ठेका श्रमिक (विनियम एवं उन्मूलन) केन्द्रीय नियमावली 1971, बालक श्रम (प्रतिषेध एवं विनियमन) अधिनियम 1986, निर्माण श्रमिकों (नियोजन और सेवा शर्त विनियमन) अधिनियम 1996, भवन और अन्य सन्निमार्ण कर्मकार उपकर अधिनियम 1996 जैसा कि निविदा की ठेका सामान्य शर्तों के पृष्ठ क्रं. 48 की शर्त 19 एवं केन्द्रीय एवं राज्य सरकार के नियमों में निर्दिष्ट है का अनुपालन करें।  
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 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no 48 of GCC of tender and rules of Central and State Government.
5. आपको सहायक महाप्रबंधक (अभि.-वि.)-II, भारतीय विमानपत्तन प्राधिकरण, राजा भोज विमानतल, भोपाल से तत्काल संपर्क करने का निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौंपने का कार्य उनके द्वारा किया जाएगा।  
You are also directed to contact Asstt. Gen. Manager (Engg.-Elect.)-II, AAI, Bhopal Airport immediately who will arrange to hand over the site to you.
6. कृपया नोट करे की कार्य पूरा करने के लिए आपको **03 (तीन) माह** का समय प्रदान किया जाता है। यह समय इस पत्र के जारी करने की तिथि के 10वें दिन के बाद से माना जाएगा।  
Please note that the time allowed for carrying out the work shall be **03 (Three) Months** and the same shall be reckoned from 10<sup>th</sup> day after date of issue of this letter.
7. इस ठेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए उप महाप्रबंधक (अभि.-विद्युत), भा.वि.प्रा., राजा भोज विमानतल भोपाल - 462036 को संबोधित करें।  
Any further correspondence in connection with the contract should normally be addressed to the Dy. Gen. Manager (Engg.-Elect.), Airports Authority of India, R. B. Airport, Bhopal-462036.
8. कृपया इस पत्र की प्राप्ति की सूचना दें तथा इसके साथ अनुलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेज दें।  
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.
9. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।  
In case any discrepancy is found, then English version will be taken as correct.

भवदीय / Yours Faithfully

*योगेश नगाईच* 14/6/2021

(योगेश नगाईच / Yogesh Nagaich)

उप महाप्रबंधक (अभि.-विद्युत)

Dy. Gen. Manager, Engg. (E)

भा.वि.प्रा., राजा भोज विमानतल, भोपाल - 462036

AAI, Raja Bhoj Airport, Bhopal - 462036.

कृते तथा ओर से, अध्यक्ष,

For and on behalf of Chairman,

भारतीय विमानपत्तन प्राधिकरण.

Airports Authority of India.

उ.ओ. / मूल प्रतिलिपि पर नहीं

Copy to/ प्रतिलिपि प्रेषित :-

1. संयुक्त महाप्रबंधक (सतर्कता), भा.वि.प्रा  
पश्चिमी क्षेत्र, सी.एस.आई. एयरपोर्ट, मुंबई-99. (निविदा प्रपत्र के शेड्यूल 'A' की कॉपी सहित)  
Jt. General Manager (Vigilance) AAI.  
Western Region, C.S.I. Airport, Mumbai-99 (Along with copy of Schedule 'A' of tender document)
2. क्षेत्रीय श्रम आयुक्त (केंद्रीय),  
निर्माण सदन, सी.जी.ओ. कॉम्प्लेक्स रूम नंबर 306,  
तीसरा माला, - प्रशासनिक क्षेत्र,  
अरेरा हिल्स, भोपाल।  
The Regional Labour Commissioner (Central),  
Nirmaan Sadan, C.G.O. Complex Room No. 306.  
3<sup>rd</sup> floor, Administrative Area, Arera Hills, Bhopal.

## आंतरिक/ INTERNAL

1. विमानपतन निदेशक, भा.वि.प्रा, राजा भोज विमानतल, भोपाल-462036 ..... जानकारी हेतु ।  
Airport Director, AAI, R.B. Airport, Bhopal – 462036. .... for information please
2. सहायक महाप्रबंधक (अभि- विद्युत)-II, भा.वि.प्रा, राजा भोज विमानतल, भोपाल-462036 ..... कार्यस्थल सौंपने एवं  
उचित कार्यवाही हेतु ।  
Asstt. Gen. Manager (Engg.-Elect.)-II, AAI, R.B. Airport, Bhopal – 462036 ..... To handover the site  
and necessary action
3. सहायक महाप्रबंधक (वित्त), भा.वि.प्रा, राजा भोज विमानतल, भोपाल-462036 ..... जानकारी हेतु ।  
AGM (Finance), AAI, R.B. Airport, Bhopal – 462036. .... for information please
4. कनि. कार्यपालक (अभि- विद्युत), भा.वि.प्रा, राजा भोज विमानतल, भोपाल-462036 ..... ठेका करारानुसार कार्य  
निष्पादन हेतु ।  
Jr. Executive (Engg.-Elect.), AAI, R.B. Airport, Bhopal – 462036 ..... To Supervise the work as per  
contract agreement.
5. करार प्रति/Agreement Copy.
6. कार्य फाईल/Works File.

21/06/21

उप महाप्रबंधक (अभि.-विद्युत)  
Dy. Gen. Manager, Engg. (E)

**Bill of Quantities (BOQ)****Name of work:** Installation of weather observation system (AWOS) / RVR equipment at Bhopal Airport.**SH:** Electrical Works.

| S. No. | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | UNIT    | QTY      | RATE       | AMOUNT      |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|-------------|
| 1.00   | Supply, installation, testing and commissioning of dust, damp and vermin proof cubicle free floor, double door outdoor type factory built sheet steel enclosed modular bolted construction, with IP-66 protection, suitable for operation on 415 $\pm$ 10% volts, 50 Hz AC 3 phase 4 wire supply system fabricated out of CRCA sheet steel of 2.0 mm thick for frame work and 2.0 mm thick for doors/ covers, 3mm thick for gland plates i/c a seperate compartment to occupy one number 2 KVA, single phase UPS with battery (for 15 min backup), cleaning & finishing complete with cable gland plates, danger notice plates, etc. as required with following accessories & suitable size of aluminium bus bar.<br><b>INCOMER</b><br>i) 32Amps. 4P , MCCB '18ka, (Ics = Icu= 18 Ka) with thermal magnetic release having O/L & S/C protection -1 No<br><b>OUTGOING</b><br>i) 32 Amps C- curve DP MCB-2 No.<br>ii)5-32 Amps. C- curve SP MCB-5 No. | Job ✓   | 1.00 ✓   | 27195.00 ✓ | 27195.00 ✓  |
| 2.00   | Supply of 3.5 x 35 sq.mm XLPE insulated & PVC sheathed armoured Aluminium power cable of 1.1 KV grade confirming to IS : 7098 (Part-I) 1988 with upto date ammendment as req.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Meter ✓ | 500.00 ✓ | 220.00 ✓   | 110000.00 ✓ |
| 3.00   | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade upto 35 sq. mm size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required."                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Meter ✓ | 200.00 ✓ | 390.00 ✓   | 78000.00 ✓  |
| 4.00   | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade upto 35 sq. mm size in the existing RCC/ HUME/ METAL pipe/HDPE Pipe as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Meter ✓ | 100.00 ✓ | 60.00 ✓    | 6000.00 ✓   |

| S. No. | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | UNIT    | QTY      | RATE        | AMOUNT      |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|-------------|-------------|
| 5.00   | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade upto 35 sq. mm size in the existing masonry open duct as required.                                                                                                                                                                                                                                                                                                                                                                                                              | Meter ✓ | 200.00 ✓ | 60.00 ✓     | 12000.00 ✓  |
| 6.00   | Supplying and making end termination with brass compression gland and aluminium lugs for 3½ X 35 sq. mm (32 mm) size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 grade as required.                                                                                                                                                                                                                                                                                                                                                       | Each ✓  | 2.00 ✓   | 500.00 ✓    | 1000.00 ✓   |
| 7.00   | Supply, installation, testing & commissioning of CPRI tested, fully autonomous Early Streamer Emission Lightning Conductor (ESEL) having Δt (gain in triggering time) of minimum 60 μs and radius of protection 60 meters in level - 1 protection zone, at 10 meter mast (2 meter FRP mast (OD 68 mm, ID 60 mm, wall thickness 4 mm and 8 meter length G.I. pipe of suitable size and also provide guying wire, clamp and with all accessories to protect lightning arrestor completed etc as required.                                                                | Each ✓  | 1.00 ✓   | 175000.00 ✓ | 175000.00 ✓ |
| 8.00   | Providing & creating of earth pits using CPRI tested advanced chemical earth rod (ISOROD) made of three nos of copper tubes of 3 inch dia, 8 feet long, 0.12 inch thick interconnected by copper strips of 25mm X 3mm size installed vertically or horizontally as per the site conditions complete with flanges, bends and top cover dully backfilled with ISO GEL earth enhancing compound of 20kgs. along with heavy duty plastic inspection chamber including excavation & refilling etc complete as required.                                                     | Each ✓  | 1.00 ✓   | 55000.00 ✓  | 55000.00 ✓  |
| 9.00   | Supply and laying of 70 sq. mm copper flexible wire for down conductor including all accessories from air terminal to the earth pit complete as required.                                                                                                                                                                                                                                                                                                                                                                                                              | Meter ✓ | 20.00 ✓  | 765.00 ✓    | 15300.00 ✓  |
| 10.00  | Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.                                                                                                                                                                                                                                                                                                                                                                       | Meter ✓ | 20.00 ✓  | 1430.00 ✓   | 28600.00 ✓  |
| 11.00  | Supply, Installation, Testing and Commissioning of 2 KVA, single phase UPS system with input voltage 150 - 280 volt and out put 230 volt + 1%, 50 Hz + 5 Hz., voltage regulation from no load to full load will be within + 1% in both the case. UPS will withstand 10% overload for 10 minutes and 50 % over load for 10 seconds. The UPS should have auto and manual bypass arrangements. The UPS should provided to withstand 15 minutes battery backup on full load with suitable rating sealed maintenance free battery i/c interlinks complete etc. as required. | Each ✓  | 1.00 ✓   | 29000.00 ✓  | 29000.00 ✓  |

| S. No. | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                                                                  | UNIT | QTY  | RATE    | AMOUNT      |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------|-------------|
| 12.00  | Earthing with G. I. pipe 4.5 m long x 40 mm dia. (Drilling of 300 mm dia, 4.5 Mtr deep by using Borewell machine) including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. including charcoal or coke and salt complete as required. | Set  | 1.00 | 9400.00 | 9400.00     |
|        |                                                                                                                                                                                                                                                                                                       |      |      | Total   | 5,46,495.00 |

(Rupee Five Lakh Forty Six Thousand Four Hundred Ninety Five Only)

21/12/21 14/6/2021  
Dy. Gen. Manager (Engg-E)  
AAI, R. B. Airport, Bhopal

Signature Not Verified

Digitally signed by Dadar Singh  
Date: 2021.12.16 13:35:16 IST  
Location: eProcurement System for Central  
PSUs