



भारतीय विमानपत्तन प्राधिकरण  
राजा भोज विमानतल, भोपाल - 30  
Airports Authority of India  
Raja Bhoj Airport, Bhopal - 30  
दूरभाष/Phone : 2646111-17, फैक्स/Fax: 2646002/3  
ई-मेल/E-mail : apdbhopal@aaiaero

रजिस्टर्ड ए.डी. दवारा/By Regd. A.D.

सं.सं. भाविप्रा/रीवा/वरि.प्रबंधक(अभि.-वि.)/का.आ.-03/2023-24/140

दिनांक: 04.01.2024

Ref. No: AAI/Rewa/Sr.Manager(E-E)/WO-03/2023-24

Date: 04.01.2024

सेवा में,

मेसर्स एज टेलिकॉम प्राइवेट लिमिटेड,  
1st फ्लोर, मैन सोहन रोड, नियर राधा कृष्णा  
मंदिर, बादशाहपुर, गुडगाँव -122101, हरियाणा  
ई-मेल: tenders@edgetelecom.org

M/s Edge Telecom Pvt. Ltd.  
1st Floor, Main Sohan Road, Near  
Radha Krishna Mandir, Badshahpur,  
Gurgaon - 122101, Haryana  
E-mail: tenders@edgetelecom.org

विषय : "रीवा हवाईअड्डे पर नये डीवीओआर भवन का निर्माण। उपशीर्ष: इलेक्ट्रिकल वर्क्स"।

Subject: "Construction of New DVOR Building at REWA Airport, REWA. SH: Electrical Works."

संदर्भ : 1) दिनांक 01.01.2024 को खोली गई आपकी निविदा  
Your tender opened on dated 01.01.2024

महोदय/Dear Sir,

- 1- उल्लेखित कार्य हेतु आपकी ई-निविदा आपके द्वारा उद्धृत कुल राशि रु. 41,53,838.00 (रु. एक करोड़ चालीस लाख तीस हजार पाच सौ तेरासी मात्र - जी.एस.टी. रहित) की नियत मद दर पर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से एतद् द्वारा स्वीकृत की जाती है, जो कि ई-निविदा की न्यायसंगत राशि रु. 53,31,112.00 (रु. त्रिपन लाख एकत्तीस हजार एक सौ बारह मात्र) जी.एस.टी. रहित से 22.08% 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. 41,53,838.00 (Rupees Forty One Lakh Fifty Three Thousand Eight Hundred Thirty Eight only - Excl. GST) which is 22.08% below the justified cost put to E-Tender of Rs. 53,31,112.00 (Rupees Fifty Three Lakh Thirty One Thousand One Hundred Twelve Only) Excl. GST.

- 2- वरिष्ठ प्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, रीवा विमानतल, रीवा, इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे निवेदन है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु 29.01.2024 तक वरिष्ठ प्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, रीवा विमानतल, रीवा के कार्यालय में उपस्थित हो। संविदा करार रु 500/- (पाँच सौ रुपये) के न्यायिकेतर (नॉन - ज्युडिशियल) स्टांप पेपर पर बनाया जायगा तथा स्टांप पेपर की लागत आपके द्वारा वहन की जाएगी।

Sr. Manager (Engg.-Elect.), AAI, Rewa Airport Rewa, shall be the Engineer-In-Charge of the work. You are requested to attend the office of Sr. Manager (Engg.-Elect.), AAI, Rewa Airport Rewa, by 29.01.2024 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.

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Contd...2

- 3- ठेका कागजातों के पृष्ठ 21 की शर्त 1 ए के अनुसार आपकी बिड के साथ प्राप्त ₹. 1,06,625/- (रुपये एक लाख छह हजार छह सौ पच्चीस 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 ₹. 3,08,758/- (रुपये तीन लाख आठ हजार सात सौ आठवन मात्र) की राशि इस कार्यालय में जमा करा दे अन्यथा करारनामे की संविदा की सामान्य शर्त के पृष्ठ संख्या पृष्ठ -21 पर दी शर्त 1 ए के अनुसार उक्त राशि आपके बिल से काट ली जाएगी।

The earnest money amount of **Rs. 1,06,625/-** (Rupees One Lakh Six Thousand Six Hundred Twenty Five Only) received along with your Bid will be treated and converted as part of Security Deposit as per condition of Clause no. 1 A on page 21 of contract document. Please deposit **Rs. 3,08,758/-** (Rupees Three Lakh Eight Thousand Seven Hundred Fifty Eight 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 21 of the contract document.

- 4- संविदा करार पर हस्ताक्षर होने के 60 दिनों के भीतर आप निविदा दस्तावेज अनुबंध की शर्त संख्या - 1 पृष्ठ संख्या GCC-19 के अनुसार रुपये 3,08,758/-/- (रुपये एक लाख छह हजार छह सौ पच्चीस मात्र) की निष्पादन प्रतिभूति, भारतीय विमानपत्तन प्राधिकरण, के पास जमा करेंगे। यह धन राशि निविदा दस्तावेज के पृष्ठ संख्या GCC-135, 136 137 पर संलग्न प्रपत्र पर बैंक गारंटी के रूप में जमा की जाएगी।

Within 60 days of issue of this letter, you shall submit to AAI, a Performance Guarantee for an amount of **Rs. 3,08,758/-** (Rupees Three Lakh Eight Thousand Seven Hundred Fifty Eight only) in the form of Bank Guarantee as per GCC clause 1 on page no. - GCC-19 of the Tender Document, on the proforma appended at page no. **GCC-135, 136 137** of the Tender Document.

- 5- 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. 67 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. 67 of GCC of tender and rules of Central and State Government.

- 6- आपको कनिष्ठ कार्यपालक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, रीवा विमानतल, रीवा, से तत्काल संपर्क करने का भी निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौपने का कार्य उनके द्वारा किया जाएगा।

You are also directed to contact Jr. Executive (Engg.-Elect.), AAI, Rewa Airport Rewa, immediately who will arrange to hand over the site to you.

- 7- कृपया नोट करे की कार्य के एस.आई.टी.सी. भाग हेतु आपको 02 माह, का समय प्रदान किया जाता है। यह समय इस पत्र के जारी करने की तिथि के 10वे दिन से माना जाएगा।

Please note that the time allowed for carrying out the work shall be **02 months** to complete the work. The same shall be reckoned from 10<sup>th</sup> day from date of issue of this letter.

- 8- कृपया ध्यान दें कि दोष दायित्व आवधि कार्य समाप्ति होने की तारीख से **12 (बारह) महीने** की होगी।

Please note that the defect liability period shall be **12 (Twelve) months** from the certified date of completion of work.

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- 9- इस ठेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए **वरिष्ठ प्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, रीवा विमानतल, रीवा** को संबोधित करें ।

Any further correspondence in connection with the contract should normally be addressed to the Sr. Manager (Engg.-Elect.), AAI, **Rewa Airport Rewa,**

- 10- 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.

- 11- 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

04/01/2023

(उमेश कुमार चौरसिया / **Umesh Kumar Chaurasia**)

**वरिष्ठ प्रबंधक (अभि- विद्युत) / Sr. Manager (Engg.-Elect.)**

भा.वि.प्रा. **रीवा** विमानतल, **रीवा** - 486006

AAI, Raja Rewa Airport, Rewa - 486006.

कृते तथा ओर से, अध्यक्ष,

For and on behalf of Chairman,

भारतीय विमानपत्तन प्राधिकरण.

Airports Authority of India.

**N.O.O. / 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' कि कॉपी सहित)  
Jt. General Manager (Vigilance) AAI.  
Western Region, C.S.I. Airport, Mumbai-99 (Along with copy of Schedule 'A' of tender document)

## आंतरिक/ INTERNAL

1. विमानपत्तन निदेशक, भा.वि.प्रा, भोपाल  
**Airport Director. AAI, Bhopal** ..... सादर सूचनार्थ |  
..... For your Kind information
2. उपमहाप्रबंधक (अभि-वि), भोपाल  
**Dy. General Manager (E-E), Bhopal** ..... सादर सूचनार्थ |  
..... For your Kind information
3. सहायक महाप्रबंधक (वित्त), भा.वि.प्रा, राजा भोज विमानतल, भोपाल-462036  
Asstt. Gen. Manager (Finance), AAI, R.B. Airport, Bhopal – 462036 ..... सादर सूचनार्थ |  
..... For your Kind information
4. कनिष्ठ कार्यपालक (अभि- विद्युत), भा.वि.प्रा, रीवा विमानतल, रीवा-486006 ..... कार्यस्थल सौंपने एवं  
उचित कार्यवाही हेतु |  
..... To handover the site and  
necessary action.
5. Jr. Executive (Engg.-Elect.), AAI, Rewa Airport, Rewa – 486006
6. करार प्रति/Agreement Copy.
7. कार्य फाईल/Works File.

30.04/01/2024

(उमेश कुमार चौरसिया / **Umesh Kumar Chaurasia**)

**वरिष्ठ प्रबंधक (अभि- विद्युत)/ Sr. Manager (Engg.-Elect.)**

भा.वि.प्रा. रीवा विमानतल, रीवा-486006

AAI, Raja Rewa Airport, Rewa-486006.

कृते तथा ओर से, अध्यक्ष,

For and on behalf of Chairman,

भारतीय विमानपत्तन प्राधिकरण.

Airports Authority of India.

# **SCHEDULE OF QUANTITIES**

Annexure-"A"

**Name of Work : "Construction of New DVOR Building at REWA Airport, REWA. SH: Electrical Works."**

| Sl.No | Description of Item                                                                                                                                                                                                                                                                                                                                          | Units | Qty    | Rate    | Amount   |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|---------|----------|
| 1.00  | Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS 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 FRLS PVC insulated copper conductor single core cable etc. as required.<br>Group C | Point | 35.00  | 1500.00 | 52500.00 |
| 2.00  | Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.                                                                                                          | Meter | 100.00 | 350.00  | 35000.00 |
| 3.00  | Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.                                                                                                         | Meter | 150.00 | 550.00  | 82500.00 |
| 4.00  | Wiring for circuit/ sub main wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.<br>2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                           | Meter | 50.00  | 280.00  | 14000.00 |
| 5.00  | Wiring for circuit/ sub main wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.<br>2 X 6 sq. mm + 1 X 6 sq. mm earth wire                                                                                                               | Meter | 30.00  | 520.00  | 15600.00 |
| 6.00  | Wiring for circuit/ sub main wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.<br>4 X 10 sq. mm + 2 X 6 sq. mm earth wire                                                                                                              | Meter | 10.00  | 640.00  | 6400.00  |
| 7.00  | Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface/ recessed steel/ PVC conduit as required.<br>2 Pair                                                                                                                                                         | Meter | 15.00  | 50.00   | 750.00   |
| 8.00  | Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed steel / PVC conduit as required.<br>25 mm                                                                                                                               | Meter | 40.00  | 130.00  | 5200.00  |
| 9.00  | Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.<br>2 Module (75 mm X 75 mm X 60 mm deep)                                                                                                                                                                          | Each  | 2.00   | 150.00  | 300.00   |
| 10.00 | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.<br>Telephone socket outlet                                                                                                                                                              | Each  | 2.00   | 120.00  | 240.00   |

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| Sl.No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Units | Qty   | Rate    | Amount  |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------|---------|
| 11.00 | Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and 1 earth terminal, 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  | 6.00  | 1500.00 | 9000.00 |
| 12.00 | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.                                                                                                                                                                                                                                                                                         | Each  | 16.00 | 550.00  | 8800.00 |
| 13.00 | 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  | 15.00 | 450.00  | 6750.00 |
| 14.00 | 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  | 3.00  | 300.00  | 900.00  |
| 15.00 | Supplying and fixing extra conduit down rod of 20 cm length G.I. pipe 15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)                                                                                                                                                                                                                                                                                              | Each  | 3.00  | 50.00   | 150.00  |
| 16.00 | Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.                                                                                                                                                                                                                                                                                                                                                                                                                                            | Each  | 4.00  | 250.00  | 1000.00 |
| 17.00 | Supplying and fixing following way prewired TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator)                                  | Each  | 1.00  | 9500.00 | 9500.00 |
| 18.00 | 8 way (4 + 24), Double door<br>Supplying and fixing following way prewired SP & N MCB distribution board of steel sheet for 240 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator) | Each  | 1.00  | 3000.00 | 3000.00 |
| 19.00 | 2 + 8 Way double door<br>Supplying and fixing 2 way, single pole 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.                                                                                                                                                                                                                                     | Each  | 4.00  | 450.00  | 1800.00 |
| 20.00 | Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                                                                                                                                                                                                                                                   | Each  | 2.00  | 1200.00 | 2400.00 |
| 21.00 | 63 amps<br>Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                                                                                                                                                                                                                                      | Each  | 3.00  | 800.00  | 2400.00 |
| 22.00 | 63 amps<br>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.                                                                                                                                                                                                                                                                            | Each  | 30.00 | 160.00  | 4800.00 |

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| Sl.No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Units | Qty     | Rate      | Amount     |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|-----------|------------|
| 23.00 | Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Each  | 2.00    | 90.00     | 180.00     |
| 24.00 | Supply, installation, testing and commissioning of dust, damp and vermin proof cubicle free floor, indoor type factory built sheet steel enclosed modular bolted construction, suitable for operation on 415 ±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 cleaning & finishing complete with 7 tank process for powder coating in approved shade, having TPN Aluminium bus bars of high conductivity, DMC/SMC bus bar supports, bottom base channel of section not less than ISMC 75mm, entire panel shall have a common copper earth bar of suitable size with 2 nos earth studs, including control wiring with 1.5sqmm. PVC insulated FRLS copper conductor Single Core cable for voltage & 2.5sq mm for current circuits, cable alleys, cable gland plates, danger notice plates, etc. necessary metering protections & indications and mounted with the following switch gears.<br>INCOMER<br>i) 2 No. 100 Amps. 4P, MCCB '36ka, (lcs = lcu= 36 Ka) with thermal magnetic release having O/L & S/C protection equipped with extendable rotary Handle and extendable terminals with the following:<br>a) 6 Nos. Phase indication LED lamps with 2Amp MCB, 'ON/OFF' indicating light with 2A MCB Multifunction meter, class 0.5 with LCD Display shown V,A,Hz & PF - 2 Nos.<br>AUTO TRANSFER SWITCH<br>i) 1 No. 4 pole, 100 Amps. Open execution type with complete protection<br>BUS-BAR :<br>TPN aluminium main bus bars of minimum of 300 Amp capacity with heat shrinkable coloured sleeves and i/c DMC/SMC bus bars supports at required intervals complete.<br>OUTGOING<br>i) 4 No. 63 Amps. 4P, MCCB '25ka, (lcs = lcu= 25 Ka) with thermal magnetic release having O/L & S/C protection equipped with extendable Rotary handle with the following:<br>4 Set of ON-OFF indication lamps (LED type) with 2 Amp control MCBs. | Job   | 1.00    | 110000.00 | 110000.00  |
| 25.00 | Supply of 3.5 core x 185 Sqmm. XLPE insulated PVC sheathed armoured aluminium conductor cable of 1.1 KV Grade conforming to IS:7098 (Part 1) with upto date amendment etc. complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Meter | 3000.00 | 850.00    | 2550000.00 |
| 26.00 | Supply of energy efficient 5 star rated ceiling fan, 1200 mm sweep suitable for operation on 240V, 50Hz A.C. supply with down rod canopies etc. complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Each  | 3.00    | 1700.00   | 5100.00    |
| 27.00 | Supply of 300 mm sweep heavy duty exhaust fan suitable for operation on 240V, 50Hz A.C. supply, 1400 rpm with all accessories including louvers, shutters etc. complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Each  | 4.00    | 1900.00   | 7600.00    |
| 28.00 | Supply of 25 W LED street light fitting with minimum output of 2000 lumens suitable for 160-270 V, AC, 50 HZ, PF>.95 Luminaire should have pressure die-cast housing along with prismatic polycarbonate diffuser and LED with secondary optic for better uniformity & spacing. Luminaire should have Air vents in housing for proper thermal management Min IP protection should be IP 65. System power consumption (including driver loss) should not exceed 25 W, complete with all accessories as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Each  | 6.00    | 2500.00   | 15000.00   |

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| Sl.No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Units | Qty     | Rate    | Amount    |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|---------|-----------|
| 29.00 | Supply of 12 W High efficient recess mounted downlighter with pressure die-cast aluminium heat sink & PC diffuser in white powder coated finish with integrated driver complete etc as required.                                                                                                                                                                                                                                                                                       | Each  | 18.00   | 1200.00 | 21600.00  |
| 30.00 | Supply of 36 Watt CRCA body recess mounting type LED indoor light fitting (Natural White) suitable for mounting on 600 mm X 600 mm grid channel with built in electronic driver fitting suitable for 160- 270 V 50 Hz Ac supply complete with all accessories as required.                                                                                                                                                                                                             | Each  | 10.00   | 3200.00 | 32000.00  |
| 31.00 | Supply of Aesthetically designed Rechargeable LED Lantern with dimming & SOS feature with minimum 5 watt, Rechargeable Li-ion battery capacity of 3.7 V 4400 m AH and suitable charging from 160-270V AC supply 50HZ etc as required.                                                                                                                                                                                                                                                  | Each  | 3.00    | 1900.00 | 5700.00   |
| 32.00 | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size Above 95 sq. mm and upto 185 sq. mm in the existing masonry open duct as required.                                                                                                                                                                                                                                                                                                      | Meter | 10.00   | 90.00   | 900.00    |
| 33.00 | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp) on wall surface as required.                                                                                                                                                                                                                                                                      | Meter | 10.00   | 90.00   | 900.00    |
| 34.00 | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size Above 95 sq. mm and upto 185 sq. mm in the existing RCC/ HUMER/ METAL pipe as required.                                                                                                                                                                                                                                                                                                 | Meter | 2800.00 | 60.00   | 168000.00 |
| 35.00 | Supplying and laying of following size DWVC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II with upto date amendment complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.<br>120 / 125 mm dia(OD)                                             | Meter | 2700.00 | 135.00  | 364500.00 |
| 36.00 | Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for size of 3.5 x 185 sq. mm PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.                                                                                                                                                                                                                                         | Each  | 6.00    | 4500.00 | 27000.00  |
| 37.00 | Supplying and making end termination with brass compression gland and aluminium lugs for size of 3.5 x 185 sq. mm. PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kv grade as required.                                                                                                                                                                                                                                                                        | Set   | 4.00    | 750.00  | 3000.00   |
| 38.00 | Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent / LED Fittings of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.                                                                                                                                                  | Each  | 28.00   | 70.00   | 1960.00   |
| 39.00 | Installations, testing, commissioning of street light luminaire complete with all accessories on 40 mm dia (M class) GI bracket of 1.5 mtr long complete with 2 nos. 25 mm X 3mm M.S. flat iron clamps, bolts and nuts including drilling holes for steel fastener, bending the bracket to proper shape and painting with primer and finish paint including connection with 1.5 sq. mm mm FR PVC insulated, copper conductor, single core cable and earthing complete etc as required. | Each  | 6.00    | 350.00  | 2100.00   |
| 40.00 | 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  | 3.00    | 150.00  | 450.00    |

9

| Sl.No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Units | Qty   | Rate    | Amount   |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------|----------|
| 41.00 | Installation of exhaust fan of size 300 mm sweep in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Each  | 4.00  | 150.00  | 600.00   |
| 42.00 | Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Set   | 2.00  | 6800.00 | 13600.00 |
| 43.00 | Providing and fixing 25mm X 5 mm GI strip on surface or in recess for connections etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Meter | 20.00 | 200.00  | 4000.00  |
| 44.00 | Providing, laying and fixing of 80 mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc. as required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Meter | 20.00 | 1800.00 | 36000.00 |
| 45.00 | Supply and installation of pre-wired Primary protection (Class B / Type 2) surge protection device (SPD) having 100KA , 10/350 micro seconds neutral to earth, 50 KA, 10/350 micro seconds line to neutral with limiting voltage less than 1.5 KV on the mains power entry point at the incomers. The enclosure shall have IP:65 weather proof polycarbonate PVC box with cable gland.<br>The three phase SPD shall have the followings.<br>i) Line protected : Line-Neutral and Neutral to earth + Line to Line +Line to Ground (4 modes).<br>ii) Nominal Operating Voltage : 220/240 V AC<br>iii) Input power Frequency : 47-60 Hz<br>iv) Protection : Transverse and common mode<br>v) Response Time : <100 ns<br>vi) Surge rating : 10/350 us pulse response<br>vii) Voltage Protection Level : < 1.5 KV<br>viii) Approval and Testing : Listed with UL-1449-3/IEC - 61643 - 62305 as applicable.                                                                                                                                                                                                                                                                   | Each  | 1.00  | 1800.00 | 1800.00  |
| 46.00 | Supply and installation of pre-wired Secondary protection (Class C / Type 3) surge protection device (SPD) this protection to be provided at UPS output in each phase and neutral. The protection device shall be a combination of multi stage modular MOV device to attenuate surge and noise. The LC filter shall attenuate surge voltage to limit peak surge to less than 900 Volt. The filter shall attenuate noise and power system harmonics by minimum 30 DB. The enclosure shall have IP:65 weather proof polycarbonate PVC box with cable gland.<br>The Single phase SPD shall have the followings.<br>i) Line protected : Line-Neutral, Line - Earth and Neutral to Earth.<br>ii) Nominal Operating Voltage : 240 V AC (Phase to Neutral)<br>iii) Voltage Drop : < 3 V at full load<br>iv) Efficiency : 99%<br>v) Response Time : <5ns<br>vi) Protection Modes : Transverse and Common mode<br>vii) Filter Configuration : LC, transverse and common modes<br>viii) Protection Stages : MOV, LPF SPD<br>ix) Surge Rating : 40 KA, 8/20 us<br>x) Voltage Protection Level : < 0.9 KV<br>xi) Approvals and Testing : UL- 1449-3/ IEC 61643/ 62305 as applicable | Each  | 1.00  | 4500.00 | 4500.00  |

| Sl.No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Units | Qty   | Rate     | Amount    |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|----------|-----------|
| 47.00 | Providing and fixing of lightning final, made of 25 mm dia 300 mm long, copper tube, having single prong at top, with 85 mm dia 3mm thick copper base plate including holes etc. complete as required.                                                                                                                                                                                                                                                                                                                                                                          | Nos.  | 3.00  | 1200.00  | 3600.00   |
| 48.00 | Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.                                                                                                                                                                                                                                                                                                                             | Set   | 3.00  | 13000.00 | 39000.00  |
| 49.00 | Joining copper / G.I. tape (with another copper/ G.I. tape, base of the final or any other metallic object) by riveting / nut bolting/ sweating and soldering etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.  | 3.00  | 100.00   | 300.00    |
| 50.00 | Providing and fixing copper tape 20mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For horizontal run)                                                                                                                                                                                                                                                                                                                                                                                                                             | Meter | 50.00 | 110.00   | 5500.00   |
| 51.00 | Providing and fixing copper tape 20mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For Vertical run)                                                                                                                                                                                                                                                                                                                                                                                                                               | Meter | 15.00 | 180.00   | 2700.00   |
| 52.00 | Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.                                                                                                                                                                                                                                                                                                                                                                                               | Meter | 30.00 | 110.00   | 3300.00   |
| 53.00 | Providing and laying copper tape 32 mm X 6 mm from earth electrode in ground as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Meter | 20.00 | 180.00   | 3600.00   |
| 54.00 | Providing, laying and fixing of 40 mm dia G.I pipe (medium class) in ground complete with G.I fitting including trenching (75 cm deep) and re-filling etc as required.                                                                                                                                                                                                                                                                                                                                                                                                          | Meter | 40.00 | 450.00   | 18000.00  |
| 55.00 | Supply, Installation, Testing & Commissioning of 1.5 Ton (5 Star) Inverter Split Air conditioning unit fitted with rotary compressor alongwith indoor/outdoor units, gas R-410A/R-32 suitable to operate on 230V +/- 10%, 50 Hz, single phase AC power supply capable of performing the function as Dehumidification, air circulating and filtering complete with compressor, evaporators, air cooled copper condensor connected refrigerant piping (upto 10 feet) electring wiring including MS stand suitable for outdoor unit with all accessories complete etc as required. | Nos.  | 6.00  | 42000.00 | 252000.00 |
| 56.00 | Supply, Installation, Testing & Commissioning of automatic programmable AC switching system for the Operation of 02 nos. (01 no running + 01 no. standby) split type Air conditioner Units to change over the system 08 Hours with over load protection facility complete as required.                                                                                                                                                                                                                                                                                          | Nos.  | 3.00  | 2510.00  | 7530.00   |
| 57.00 | Supply and fixing of extra copper refrigerant piping (beyond the standard length) complete with suction/ liquid line, insulation, drain pipe, electrical cabling, PVC protection piping and all accessories as per site requirement.                                                                                                                                                                                                                                                                                                                                            | Meter | 20.00 | 2200.00  | 44000.00  |
| 58.00 | Supply and Installation of Microprocessor based 2 Zone non-expandable conventional fire alarm panel. The should be equiped of 2 Zone capacity to take maximum 20 detections per zon, reset function inbuilt and alarm & Fault Display by individual LEDs for each detector group. 240 volts AC power supply, automatic battery charges, 2 nos X 12 volt sealed maintenance free batteries sufficient for 12 hours normal working.                                                                                                                                               | Nos.  | 1.00  | 7500.00  | 7500.00   |
| 59.00 | Supply and Installation of 2 Channel wireless auto dialer (GSM based) voice message. 40 (20+20) seconds voice recording. 9 nos of tel./mobile 16 digit each. View numbers & user setting any time. Standard telephone key pads. Work with all types of GSM network. Easy menu based programming. 1 levels of password protected. Approved by various consultants.                                                                                                                                                                                                               | Nos.  | 1.00  | 6500.00  | 6500.00   |
| 60.00 | Supply and Installation of Conventional Type smoke Detector with LED indication, with mounting base.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Nos.  | 7.00  | 1500.00  | 10500.00  |

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| Sl.No | Description of Item                                                                                                                                                                                                                                                                                                                                                                                                                | Units | Qty     | Rate    | Amount              |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|---------|---------------------|
| 61.00 | Supply and Installation of Conventional Hooter complete etc as required.                                                                                                                                                                                                                                                                                                                                                           | Nos.  | 1.00    | 950.00  | 950.00              |
| 62.00 | Supply and Installation of manual call points complete etc as required.                                                                                                                                                                                                                                                                                                                                                            | Nos.  | 1.00    | 850.00  | 850.00              |
| 63.00 | SITC of Response indicator complete etc as required.                                                                                                                                                                                                                                                                                                                                                                               | Nos.  | 2.00    | 250.00  | 500.00              |
| 64.00 | Supply and Installation of 2 X 1.5 sq.mm. copper flexible two core round wire in PVC conduit, with terminations etc. as required.                                                                                                                                                                                                                                                                                                  | Meter | 55.00   | 65.00   | 3575.00             |
| 65.00 | Supplying and laying of 63 mm dia (OD-63 mm & ID-51 mm nominal) size PE-63 HDPE pipe, 6 kg/cm2 ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. | Meter | 150.00  | 150.00  | 22500.00            |
| 66.00 | Supply of only Salt                                                                                                                                                                                                                                                                                                                                                                                                                | kg    | 1300.00 | 8.50    | 11050.00            |
| 67.00 | Supply of only Charcoal                                                                                                                                                                                                                                                                                                                                                                                                            | kg    | 1300.00 | 18.00   | 23400.00            |
| 68.00 | Supply of 4 X 16 Sqmm. XLPE insulated PVC sheathed armoured aluminium conductor cable of 1.1 KV Grade conforming to IS:7098 (Part 1) with upto date amendment etc. complete as required.                                                                                                                                                                                                                                           | Meter | 140.00  | 200.00  | 28000.00            |
| 69.00 | Supplying and laying of 90 mm dia (OD-90 mm & ID-76 mm nominal) size PE-63 HDPE pipe, 6 kg/cm2 ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. | Meter | 10.00   | 160.00  | 1600.00             |
| 70.00 | Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size upto 35 sq. mm in the existing RCC/HUME/METAL pipe as required.                                                                                                                                                                                                                                                                     | Meter | 130.00  | 80.00   | 10400.00            |
| 71.00 | Supply of integral LED Aviation (Obstruction) light comprising of aluminium housing with polycarbonate enclosure with suitable size G.I. Pipe complete etc as required.                                                                                                                                                                                                                                                            | Each  | 1.00    | 7503.00 | 7503.00             |
|       | <b>Total in Figures</b>                                                                                                                                                                                                                                                                                                                                                                                                            |       |         |         | <b>41,53,838.00</b> |

**[Total Amount in Words - Forty One Lakh Fifty Three Thousand Eight Hundreded Thirty Eight Only]**

Signature Not Verified

Digitally signed by Umesh Kumar Chaurasia

Date: 2024.04.04 13:07:16 IST

Location: eProcurement System for Central PSUs

Sr. Manager (E-E)  
AAI, Rewa Airport, Rewa

04/01/2024