



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@aai.aero

रजिस्टर्ड ए.डी. दवारा/By Regd. A.D.

सं.सं. भाविप्रा/रीवा/वरि.प्रबंधक(अभि.-वि.)/का.आ.-01/2023-24

दिनांक: 02.01.2024

Ref. No: AAI/Rewa/Sr.Manager(E-E)/WO-01/2023-24

Date: 02.01.2024

सेवा में,

मेसर्स मनीष इलेक्ट्रिकल्स,
कल्पना नगर, 7 नं. चौराहा के पास,
मोरार, ग्वालियर - 474006
ई-मेल: manishelectricals21@gmail.com

M/s Manish Electricals,
Kalpana Nagar, Near 7 No. Chouraha,
Morar, Gwalior - 474006
E-mail: manishelectricals21@gmail.com

विषय : "रीवा हवाई अड्डे पर परिधि प्रकाश व्यवस्था का प्रावधान, स्टैंडबाय एचटी वॉच टावर्स के लिए फीडर केबल और इलेक्ट्रिकल वर्क्स"।

Subject: "Provision of Perimeter Lighting, Standby HT Feeder Cable & Electrical works for Watch Towers at Rewa Airport."

संदर्भ : 1) दिनांक 26.12.2023 को खोली गई आपकी निविदा एवं

Your tender opened on dated 26.12.2023 and

2) दिनांक 28.12.2023 को रिवर्स ऑक्शन

Reverse Auction held on Dated 28.12.2023

महोदय/Dear Sir,

1- उल्लेखित कार्य हेतु आपकी ई-निविदा आपके द्वारा उद्धृत कुल राशि **रु. 1,40,30,583.00** (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. 2,36,83,113.00** (रु. दो करोड़ छत्तीस लाख तेरासी हजार एक सौ तेरह मात्र) जी.एस.टी. रहित से **40.76% 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. 1,40,30,583.00 (Rupees One Crore Forty Lakh Thirty Thousand Five Hundred Eighty Three only - Excl. GST)** which is **40.76% below** the justified cost put to E-Tender of **Rs. 2,36,83,113.00 (Rupees Two Crore Thirty Six Lakh Eighty Three Thousand One Hundred thirteen Only) Excl. GST.**

2- वरिष्ठ प्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, रीवा विमानतल, रीवा, इस कार्य के इंजीनियरिंग प्रभाषी 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.

(Signature)
Rearg

Contd...2

- 3- ठेका कागजातों के पृष्ठ 21 की शर्त 1 ए के अनुसार आपकी बिड के साथ प्राप्त **रु. 4,73,665** /- (रुपये चार लाख तेहतर हजार छह सौ पैंसठ 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 9,29,393/-** (रुपये नौ लाख उनतीस हजार तीन सौ तेरान्वे 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. 4,73,665/-** (Rupees Forty Lakh Seventy Three Thousand Six Hundred Sixty 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. 9,29,393/-** (Rupees Nine Lakh Twenty Nine Thousand Three Hundred Ninety Three 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- 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 सन्निमार्ग कर्मकार उपकर अधिनियम 1996 जैसा कि निविदा की ठेका सामान्य शर्तों के पृष्ठ कं. 67 की शर्त 19 एवं केंद्रीय 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.

- 5- 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.

- 6- 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 10th day from date of issue of this letter.

- 7- 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.

G. Smith
Rewa

Contd...3

- 8- 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,.

- 9- 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.

- 10- 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

(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.

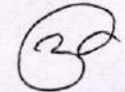
N.O.O. / मूल प्रतिलिपि पर नहीं

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 सादर सूचनार्थ |
Asstt. Gen. Manager (Finance), AAI, R.B. Airport, Bhopal – 462036 For your Kind information
4. कनिष्ठ कार्यपालक (अभि- विद्युत), भा.वि.प्रा, रीवा विमानतल, रीवा-486006 कार्यस्थल सौंपने एवं
उचित कार्यवाही हेतु |
5. Jr. Executive (Engg.-Elect.), AAI, Rewa Airport, Rewa – 486006 To handover the site and
necessary action.
6. करार प्रति/Agreement Copy.
7. कार्य फाईल/Works File.

 02/01/2023

(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.

SCHEDULE OF QUANTITIES

Annexure-'A'

Name of Work: "Provision of Perimeter Lighting, Standby HT Feeder Cable & Electrical works for Watch Towers at Rewa Airport."

Sl.No	Description of Item	Units	Qty	Rate	Amount
1.00	Supply, installation, testing and commissioning of dust, damp and vermin proof cubicle free floor, indoor type factory built sheet steel enclosed modular bolted construction extendable Panel, suitable for operation on 415 $\pm$10% volts, 50 Hz, AC 3 phase 4 wire supply system fabricated compartmentalised design and covered with CRCA sheet steel of 2mm thick for frame work and 1.6mm thick for doors/ covers, 3mm thick for gland plates, hinged type back door openable i/c cleaning & finishing complete with 9 tank process for powder coating in approved shade, having extensible type TPN Copper bus bars of high conductivity, DMC/SMC bus bar supports, bottom base channel of section not less than ISMC 75mm, fabrication shall be done in transportable sections, 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 in two half, danger notice plates, etc. necessary metering protections & indications and mounted with the following switch gears as per drawing and technical specifications etc. complete as required. Incomers: i) 250 Amp. 4 - Pole, 36 KA, MCCB , Ics =Icu=100 % -02 nos. ii) LED indication lamps for RYB, on & off for incomer with 2Amp control MCBs - 10 Nos. iii) Digital Multifunction Meter -02 Nos. iv) Extended rotary operating mechanism, terminal extension spreaders MCCB's. Bus coupler: i) 250 Amp. 4 - Pole, 36 KA, MCCB , Ics =Icu=100 % -01 nos. ii) LED indication lamps for RYB, on & off for incomer with 2Amp control MCBs - 05 Nos. iii) Extended rotary operating mechanism, terminal extension spreaders MCCB's. Bus Bar : TPN Copper extensible type main bus bars of minimum of 400 Amps. capacity & auxiliary Bus Bars of suitable capacity (if required)with heat shrinkable coloured sleeves and i/c DMC/SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 50ka capacity.Outgoing i) 100 Amp. 4 - Pole,36 KA, MCCB , Ics =Icu=100 % -04 nos. ii) 63 Amp. 4 - Pole,36 KA, MCCB , Ics =Icu=100 % -04 nos. iii) Spare Cubicles -02 nos. iv) LED indication lamps for RYB, on & off for incomer with 2Amp control MCBs - 40 Nos. v) Digital Multifunction Meter -8 Nos. vi) Extended rotary operating mechanism, terminal extension spreaders MCCB's.	Job	1	364872	364872

25/05/2024

Sl.No	Description of Item	Units	Qty	Rate	Amount
2.00	Supply, installation, testing and commissioning of dust, damp and vermin proof cubicle free floor, outdoor type, double door, factory built sheet steel enclosed modular bolted construction feeder pillar, 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 cleaning & finishing complete with 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 & 2.5 sq.mm for current circuits, cable alleys, cable gland plates, danger notice plates, etc. necessary metering protections & indications and mounted with the following switch gears INCOMER i) 100 Amps. 4P, MCCB '36KA, (Ics = Icu= 36KA) with thermal magnetic release having O/L & S/C protection equipped with extendable rotary Handle and Spreader Terminals - 1 Set ii) ON-OFF indication lamps (LED type) with 2 Amp control MCBs. - 1 Set (three numbers) iii) 3 Nos. Phase indication LED lamps with 2Amp MCB, 'ON/OFF' indicating light with 2A MCB. iv) Multifunction meter, class 0.5 with LCD Display shown V,A,HZ & PF - 2 Nos. v) Current Transformer CT 100/5A, CL-1, 5 VA - 6 Nos. BUS-BAR : TPN aluminium main bus bars of minimum of 100 Amp capacity with heat shrinkable coloured sleeves and i/c DMC/SMC bus bars supports at required intervals complete. Outgoing i) 32 Amps. 4P, MCCB '36KA, (Ics = Icu= 36KA) with thermal magnetic release having O/L & S/C protection equipped extendable rotary Handle and Spreader Terminals - 03 Set ii) ON-OFF indication lamps (LED type) with 2 Amp control MCBs. - 3 Set iii) Astro timer - 1 No. iv) Contactor MNX50 (or equivalent) - 01 No.	Job	3	97178	291534
3.00	Supply of 11 kV (E) 3 Core 150 sq. mm Stranded Compact Circular Aluminium Conductor, Conductor Screen with Extruded Semi Conducting Compound, XLPE Insulated, Insulation Screening with Extruded Semi Conducting Compound in Combination with Copper Tape, Cores laid up, Inner Sheath of PVC tape, GI Flat Strip Armour, Overall PVC Sheathed HT Power Cables, Conforming to IS 7098 (Part II) 2011 with latest amendments.	Meter	1500	632	948000
4.00	Supply of LED street light luminaire of maximum 25 system wattage (approx) having LED light output minimum 3000 lumens with lenses consisting of pressure die cast/extruded aluminum housing, heat resistant toughened glass/ polycarbonate cover, IP65/66 with surge protection suitable for operation on 230V $\pm$ 10 %, 50 Hz AC supply with all accessories complete as required & as per specifications.	Each	375	1728	648000
5.00	Supply of cables armoured 1.1 KV grade aluminium conductor XLPE insulated PVC sheathed as per IS 7098 as amended upto date as per site requirement: 3.5 core 240 Sq.mm	Meter	3800	664	2523200
6.00	Supply of cables armoured 1.1 KV grade aluminium conductor XLPE insulated PVC sheathed as per IS 7098 as amended upto date as per site requirement: 3.5 core 120 Sq.mm	Meter	1300	335	435500
7.00	Supply of cables armoured 1.1 KV grade aluminium conductor XLPE insulated PVC sheathed as per IS 7098 as amended upto date as per site requirement: 4 core 16 Sq.mm	Meter	13500	97	1309500
8.00	Supply of GI pipes of 65 mm dia, ISI marked, medium class sizes as per site requirement	Meter	60	432	25920
9.00	Supply of GI pipes of 125 mm dia, ISI marked, medium class sizes as per site requirement	Meter	36	648	23328

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500 (BPP)
Rear

Sl.No	Description of Item	Units	Qty	Rate	Amount
10.00	Supplying and laying of following size DWC HDPE pipe 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. 63 mm dia (OD-63 mm & ID-51 mm nominal)	Meter	14000	119	1666000
11.00	Supplying and laying of following size DWC HDPE pipe 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. 120 / 125 mm dia	Meter	6600	173	1141800
12.00	Supply and installation of High Hot dip galvanised 3Mtr octagonal pole made of 3mm thick HT Sheet with Top dia 70mm A/f (min) & bottom dia 130 mm (min), base plate 200x200x12mm, weatherproof reinforced door opening suitable for inbuilt MCB, Mica sheet (275x75x4mm) and Stud Terminal. It's includes single arm 0.25Mtr long customised bracket with 45 degree tilting angle made of 40mm dia and 4Nos J-Type M-16X450mm long EN8 grade foundation Bolts with 3mm thick Template and all complete as per approved drawing by EIC. It's also includes wiring material from MCB to Luminaries and single pole 6A MCB.	Each	375	6479	2429625
13.00	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) RCC foundation of size 0.60 X 0.60 X 0.60 Metre Cube with proper size of foundation bolts including excavation, refilling and fixing of bracket etc. as required. Upto 4.5 Meter	Each	375	2267	850125
14.00	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 3½ X 120 sq. mm size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	Each	3	1890	5670
15.00	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 3½ X 240 sq. mm size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.	Each	8	2429	19432
16.00	ITC of Light fitting on street light pole bracket including wiring with 3C X 1.5sqmm flexible FR PVC copper cable including connection, providing & fixing of 6-32A SP MCB C series with connectors & DIN rail etc complete as required.	Each	375	189	70875
17.00	Supplying and making end termination with double brass compression gland and aluminium lugs for size of 3.5 x 120 sq.mm (45 mm) PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.	Set	2	432	864
18.00	Supplying and making end termination with double brass compression gland and aluminium lugs for size of 3.5 x 240 sq.mm (62 mm) PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.	Set	4	648	2592
19.00	Supplying and making end termination with aluminium lugs for 4 X 16 sq. mm size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 grade as required (excluding gland).	Set	750	216	162000
20.00	Laying of following size. "B" class GI pipe across the nallah / drainage & road crossing / in pavement at a depth of approx. 0.5 mtr including making trench by cutting the road / pavement, excavation and refilling the trench, consolidation and making good the surface excluding PCC work complete etc. as required. Upto 65 mm dia. GI pipe.	Meter	60	162	9720
21.00	Laying of following size. "B" class GI pipe across the nallah / drainage & road crossing / in pavement at a depth of approx. 0.5 mtr including making trench by cutting the road / pavement, excavation and refilling the trench, consolidation and making good the surface excluding PCC work complete etc. as required. Upto 125 mm dia. GI pipe.	Meter	36	227	8172
22.00	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/HDPE/DWC pipe as required. Upto 35 sqmm	Meter	13500	13	175500

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SM (F.E.)

Sl.No	Description of Item	Units	Qty	Rate	Amount
23.00	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/HDPE DWC pipe as required. Above 95 sq. mm and upto 185 sq. mm	Meter	1300	59	76700
24.00	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/HDPE DWC pipe as required. Above 185 sq. mm and upto 400 sq. mm	Meter	3800	97	368600
25.00	Cement concrete work with 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) for foundations/repairs/ making good the damages as per site requirement, directions of E-I-C	CUM	2	4319	8638
26.00	Supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 kV grade as required. 150 sq. mm	Each	1	5669	5669
27.00	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 11 kV grade as required. 150 sq. mm	Each	1	6479	6479
28.00	Supplying and making straight through cable jointing with heat shrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of 11 kV grade as required. 150 sq. mm	Each	2	8098	16196
29.00	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	Meter	18600	13	241800
30.00	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required	Each	8	4319	34552
31.00	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	Meter	40	151	6040
32.00	Supplying and fixing of 4 way, Double door, 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. (But without MCB/RCCB/Isolator)	Each	10	1188	11880
33.00	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/PVC conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C	Point	20	540	10800
34.00	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	40	594	23760
35.00	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. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Meter	20	108	2160
36.00	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required.	Each	20	216	4320
37.00	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	Each	10	302	3020
38.00	Supply of wall mounted fan, 400 mm sweep suitable for operation on 240V, 50Hz A.C. supply with pull code control operations and high speed motor etc. complete as required.	Each	10	2052	20520

30 sm (FF)

Sl.No	Description of Item	Units	Qty	Rate	Amount
39.00	Supply of 90 Wattage LED street light fitting with minimum efficiency of 110 lumens/Watt suitable for 140-270 V, AC, 50 HZ, PF >= 0.95, luminaire should have High pressure die cast Aluminium /Standard alloy housing. Luminaire should have Air vents in housing for proper thermal management, Min IP protection should be IP 65. Total power consumption of fitting (including driver loss) should not more than 110 % of rated capacity of LED Light fitting, complete with all accessories as required.	Each	20	2052	41040
40.00	Supply of 18 Watt BATTEN LED TUBE LIGHTS complete with all accessories as required.	Each	10	216	2160
41.00	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 with suitable size steel fastner, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	10	189	1890
42.00	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, including connection with 1.5 sq. mm mm FRLS PVC insulated, copper conductor, single core cable and earthing complete etc as required.	Each	40	270	10800
43.00	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of Single pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.	Each	20	135	2700
44.00	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of Single pole and neutral pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.	Each	10	243	2430
45.00	Supplying and laying of 3 core 6 sq. mm copper conductor flexible cable in MS conduit with sadle complete etc. as required.	Meter	150	108	16200
Total in Figures					1,40,30,583.00

(Total Amount in Words - Rupees One Crore Forty Lakh Thirty Thousand Five Hundred Eighty Three only)

30.02/01/2024
Sr. Manager (E-E)
AAI, Rewa Airport, Rewa