



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.-02/2023-24 /141
Ref. No: AAI/Rewa/Sr.Manager(E-E)/WO-02/2023-24

दिनांक: 04.01.2024
Date: 04.01.2024

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, का विकास। उपशीर्ष: रीवा हवाई अड्डे पर रनवे के अतिरिक्त सर्किट एवं एलईडी टैक्सीवे / एप्रन एज लाइट फिटिंग के लिए एजीएल का प्रावधान"।

Subject: "Development of REWA Airport, REWA. SH: Provision of AGL for Additional Runway circuit i/c LED taxiway / Apron Edge light fittings at REWA Airport."

संदर्भ : 1) दिनांक **29.12.2023** को खोली गई आपकी निविदा
Your tender opened on dated **29.12.2023**

महोदय/Dear Sir,

1- उल्लेखित कार्य हेतु आपकी ई-निविदा आपके द्वारा उद्धृत कुल राशि **रु. 93,45,140.00** (रु. तेरान्वे लाख पेटालिश हजार एक सौ चालीस 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. 1,09,72,182.00** (रु. एक करोड़ नौ लाख बहत्तर हजार एक सौ बयासी मात्र) जी.एस.टी. रहित से **14.83% 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. 93,45,140.00 (Rupees Ninety Three Lakh Fourty Five Thousand One Hundred Fourty only - Excl. GST)** which is **14.83% below** the justified cost put to E-Tender of **Rs. 1,09,72,182.00 (Rupees One Crore Nine Lakh Seventy Two Thousand One Hundred Eighty Two 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 **30.01.2024** 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 **30.01.2024** 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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- 3- ठेका कागजातों के पृष्ठ 21 की शर्त 1 ए के अनुसार आपकी बिड के साथ प्राप्त **रु. 2,19,445/-** (रुपये दो लाख उन्नीस हजार चार सौ पैंतालीस 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. 7,15,069/-** (रुपये सात लाख पंद्रह हजार उनहतर 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. 2,19,445/-** (Rupees Two Lakh Nineteen Thousand Four Hundred Forty 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. 7,15,069/-** (Rupees Seven Lakh Fifteen Thousand Sixty Nine 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 सन्निमार्ण कर्मकार उपकर अधिनियम 1996 जैसा कि निविदा की ठेका सामान्य शर्तों के पृष्ठ क्र. 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.

- 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 हेतु आपको **45** दिन, 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 **45 Days** 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.

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- 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

 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.

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. विमानपतन 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.

(30.04.2024)

(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 विमानपतन प्राधिकरण.
Airports Authority of India.

SCHEDULE OF QUANTITIES

Name of Work : "Development of REWA Airport, REWA. SH: Provision of AGL for Additional Runway circuit i/c LED taxiway / Apron Edge Light fittings at REWA Airport."

Sl.No	Description of Item	Units	Qty	Rate	Amount
1.00	Supply of Bi-directional elevated type high intensity Runway Edge Light Fitting suitable for use with 150W 6.6 halogen lamp complete with all accessories including lamp and lenses of suitable colour and filters and base plate as required etc.	No	66.00	6500	429000
2.00	Supply of Bi-directional inset type High intensity Runway Edge lights for aviation visual aids requirements complete with shallow base and matching body of the fitting, inner body and outer cover made of die-cast aluminium complete with 2 X 105 watts, 6.6 amps pre-focused reflector halogen lamp of 6.6 amps current with connected heat resistant accessories, prism assembly, opticals assembly, "O" ring seal, pressure relief test plug, hardware, lenses and all standard accessories and ready for site installation as per required (Inset type halogen type Runway edge light fitting Bi Directional Yellow/clear)	No	4.00	55000	220000
3.00	Supply of 03 lamp, 03/04 leg, Precision Approach Path Indicator unit (PAPI) with totally corrosion proof material, totally enclosed dust and vermin proof IP 54 enclose made of phosphate aluminium alloy with powder coated painting in aviation yellow, vertically adjustable legs, support legs and mounting plates are of special aluminium alloy and are totally frangible, checking stick, spirit level, Tool kit set and all accessories i/c three sets of anodized aluminium reflectors, toughened front glass, clear lens, Red dichroic filter, 6.6 amps secondary lead up to 05 mtr length, Air filter, lamp holder, four number 6.6 amp. 200 W Halogen lamp with life 1000 hrs, designed for wind load up to 200 kms/hrs. & heat sink etc. and complete as required as per ICAO & FAA standard with latest amendment.	Each	4.00	125000	500000

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Sl.No	Description of Item	Units	Qty	Rate	Amount
4.00	Installation, testing and commissioning of PAPI System along with all its accessories i/c taking level & setting right angles (minimum 03 times) by Total Station / Theodolite, excavation, PCC foundation (1:2:4) of size 800 mm(L) X 900 mm (W)X 300 mm (D) with PCC base (1:3:6) of size 1000 mm (L) X 1000 mm (W) X 100 (D)upto required level, plastering, refilling, providing foundation bolts and nuts, fitting, fixing, cleaning, marking, earthing, connections, providing pipe for secondary leads, painting and ground calibration of the system as per latest ICAO standard and also including photometric test of PAPI fittings after installation and submission of report in soft copy and hard copy in colour print. etc. complete as required.	Job	4.00	25000	100000
5.00	Supplying, Installation, Testing and Commissioning of Indoor type air cooled constant current regulator (CCR) of microprocessor controlled based suitable for operation on 240 / 415 Volts + 10%, 50 Hz input AC supply with 5 steps variation of suitable current output (2.8,3.4,4.0,5.2,6.6 Amps) suitable for local and remote control operation with suitable control supply and able to communicate with PC or PLC controlled system, with output current indicated on multifunction digital display, over current, over voltage, open circuit and earth fault protection and earthleakage meter, positive back indication equipments, relays, contactors, complete as required for the following rating and confirming to specifications enclosed. (FAA Compliant).				
5.01	4 kW	Job	1.00	180000	180000
5.02	7.5 kW	Job	2.00	262000	524000
5.03	20 KW	Job	2.00	390000	780000
6.00	Supply of Medium intensity elevated type omni directional LED Taxiway Edge Light Fitting with 1W LED complete with all accessories including blue lens for LED, base plate and assembly with heat resistant accessories, prism assembly, optical assembly, "O" ring seal, pressure relief test plug, connecting secondary lead, all required hardware etc. as required for ready to site installation fixture and as per confirming to ICAO Annex-14 requirement.	Each	25.00	3200	80000
7.00	Installation, testing & commissioning of elevated type omni directional Run way edge light / LED Taxiway Edge Light Fitting complete as required.	Job	81.00	100	8100

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Sl.No	Description of Item	Units	Qty	Rate	Amount
8.00	Supply of 15 watt, 6.6A/6.6A, rating 5KV, 50 Hz series Isolating transformers encapsulated in polyster resin, finally moulded in neoprene type rubber and with primary and secondary connections confirming to specification as required suitable for above mentioned fittings.	Each	25.00	2700	67500
9.00	Supply of 150 watt, 20A/6.6A, rating 5KV, 50 Hz series Isolating transformers encapsulated in polyster resin, finally moulded in neoprene type rubber and with primary and secondary connections confirming to specification as required suitable for above mentioned fittings.	Each	66.00	4500	297000
10.00	Supply of 6 Sqmm, 5 KV grade plug and receptacle of type 1 class B connector and suitable field attachment with 5 KV grade PVC insulated PVC sheathed single core 6 sqmm size copper conductor cable conforming to the specified specification etc complete as required.	Pair	25.00	350	8750
11.00	Supply of 16 Sqmm, 5 KV grade plug and receptacle of type 1 class B connector and suitable field attachment with 5 KV grade PVC insulated PVC sheathed single core 16 sqmm size copper conductor cable conforming to the specified specification etc complete as required.	Pair	66.00	350	23100
12.00	Supply of 6 sqmm, 5 KV grade copper conductor XLPE insulated, polyethylene sheathed, single core, unscreened cable as specified in particular specifications as required.	Mtr	4500.00	95	427500
13.00	Supply of 16 sqmm, 5 KV grade copper conductor XLPE insulated, polyethylene sheathed, single core, unscreened cable as specified in particular specifications as required	Mtr	8000.00	210	1680000
14.00	Supply and laying of 50 mm dia, Medium Class GI pipe in ground with threading and alignment of pipe with transformer housing box, providing check nuts etc as required. (for laying between CI housing box to cable trench) complete etc as required	Mtr	720.00	562	404640
15.00	Supply and laying of 15 mm dia, Medium Class GI pipe in ground with threading and alignment of pipe with transformer housing box, providing check nuts etc as required. (for laying between CI housing box to cable trench) complete etc as required	Mtr	720.00	160	115200

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Sl.No	Description of Item	Units	Qty	Rate	Amount
16.00	Supply of Cast Iron Isolating Transformer Housing box (double hole type), water tight round type, metal container of outside dia 330 mm, height 450 mm made of 10 mm thick cast iron moulding all around, except top surface, which is 15 mm thick cast iron moulding suitable to receive a light fitting base plate / cover plate on the top and having two hole on the periphery center, 75 mm above bottom surface suitable to receive 50 mm dia GI pipe & 15 mm dia GI pipe as required. The box should have two SS earth bolts of M10 X 40 MM tapped inside near the hole (4" away from the hole centre) and having drain hole at the bottom suitably tapped to receive 15 mm dia GI pipe and having clear opening of 220 mm at the top surface and 6 nos M10 tapped hole having centre to centre distance 260mm along with bolts complete etc as required.	Each	107.00	5200	556400
17.00	Installation of transformer housing boxes with a base concrete of 1:3:6 of size 630x630x100mm thick all round concrete of 1:2:4, 150mm thick top sloped with 1:2:4 cement concrete including providing and fixing 300 mm long 15mm dia "B" class GI pipe with check nut for drainage of water including excavation of earth and refilling complete etc as required.	Job	107.00	1700	181900
18.00	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 (90 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)	Mtr.	12000.00	175	2100000
19.00	Laying of one number PVC insulated and PVC sheathed runway/taxiway cable of 5 KV/ grade upto 16 sqmm size in the existing RCC/ HUME/ METAL /DWC pipe as required.	Mtr.	12000.00	15	180000
20.00	Supplying and laying 6 SWG G.I. wire at 0.50 meter below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required	Mtr.	12000.00	25	300000
21.00	Earthing with G.I. pipe 4.5 m long x 40 mm dia. including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. including charcoal or coke and salt complete as required	Set	8.00	7500	60000
22.00	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut bolt spring. washer excavation and re-filling etc. as required.	Mtr.	70.00	625	43750

Sl.No	Description of Item	Units	Qty	Rate	Amount
23.00	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Mtr.	40.00	380	15200
24.00	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	Mtr.	40.00	190	7600
25.00	Supply of 2 X 4 sqmm secondary lead made out of multi stranded copper conductor EPR insulated PCP sheathed, anti termite & anti rodent treated 600 V grade cable as specified in particular specifications as required.	Mtr.	150.00	210	31500
26.00	Installation, testing & commissioning of Inset type Runway edge Light Fitting including cutting of bituminas surface by breaker/core cutting and making surface clean etc complete as required.	Job	4.00	6000	24000
Total in Figures					93,45,140.00
(Total Amount in Word - Rupees Ninety Three Lakh Forty Five Thousand One Hundred Fourty only)					



 Sr. Manager (E-E)

 AAI, Rewa, Bhopal

Signature Not Verified

Digitally signed by Umesh Kumar
 Chaurasia
 Date: 2024.04.04 13:00:26 IST
 Location: eProcurement System for Central
 PSUs