



रजिस्टर्ड ए.डी. दवारा/By Regd. A.D.

सं.सं. भाविप्रा/भोपाल/उप.म.प्र.(अभि.-वि.)/का.आ.-19/2021-22 / 1848 (110)
Ref. No: AAI/BPL/DGM(E-E)/WO-19/2021-22

दिनांक: 31.03.2022

Dt. 31.03.2022

सेवा में,

मेसर्स दोषी इलेक्ट्रिक इंजीनियरिंग कं.,
ओल्ड जेल रोड, आर.एम.सी. बाल मंदिर के
सामने,

राजकोट - 360001

ई-मेल: doshielect@gmail.com

M/s Doshi Electric Engineering Co.,
Old Jail Road, Opp. R.M.C. Bal Mandir.
Rajkot- 360001

E-mail: doshielect@gmail.com

विषय :- "राजा भोज एयरपोर्ट, भोपाल में उपलब्ध परिधि दीवार के शेष भाग में परिधि की व्यवस्था।"
Subject: "Provision of Perimeter Lighting in Balance Portion of Available Perimeter Wall at R. B. Airport, Bhopal".

संदर्भ : 1) दिनांक 28.03.2022 को खोली गई आपकी निविदा

Ref.: 1) Your tender opened on dated 28.03.2022

महोदय/Dear Sir,

- 1- उल्लेखित कार्य हेतु आपकी ई-निविदा आपके द्वारा उद्धृत कुल **रु. 88,70,225/-** (रु. अठासी लाख सत्तर हजार दो सौ पच्चीस मात्र) की नियत मद दर पर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से एतद् द्वारा स्वीकृत की जाती है, जो कि ई-निविदा की अनुमानित लागत **रु. 1,49,48,870/-** (रु. एक करोड़ उनचास लाख अड़तालीस हजार आठ सौ सत्तर मात्र) से **40.66 %** 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. 88,70,225 (Rupees Eighty Eight Lakh Seventy Thousand Two Hundred Twenty Five only)** which is **40.66%** below the estimated cost put to E-Tender of **Rs. 1,49,48,870.00 (Rupees One Crore Forty Nine Lakh Forty Eight Thousand Eight Hundred Seventy Only)**.

- 2- उप. महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, राजा भोज विमानतल, भोपाल इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे निवेदन है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु **24.04.2022** तक उप. महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, भोपाल विमानपत्तन के कार्यालय में उपस्थित हो। संविदा करार **रु 500/-** (पाँच सौ रुपये) के न्यायिकेतर (नॉन - ज्युडिशियल) स्टाम्प पेपर पर बनाया जायगा तथा स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

Dy. Gen. Manager (Engg.-Elect.), Airports Authority of India, Raja Bhoj Airport, Bhopal shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Dy. Gen. Manager(Engg.-Elect.), Airports Authority of India, Raja Bhoj Airport, Bhopal by **24.04.2022** 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.

Contd... 2

- 3- ठेका कागजातों के पृष्ठ 15 की शर्त 1 ए के अनुसार आपकी संविदा के साथ प्राप्त **रु. 2,99,000/-** (रुपये दो लाख निम्नान्वये हजार 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 5,88,022/-** (रुपये पाँच लाख अठ्ठासी हजार बाईस मात्र) की राशि इस कार्यालय में जमा करा दे अन्यथा करारनामे की संविदा की सामान्य शर्त के पृष्ठ संख्या पृष्ठ -15 पर दी शर्त 1 ए के अनुसार उक्त राशि आपके बिल से काट ली जाएगी।
The earnest money amount of **Rs. 2,99,000/-** (Rupees Two Lakh Ninety Nine Thousand Only) received along with your tender will be treated and converted as part of Security Deposit as per condition of Clause no. 1 A on page 15 of contract document. Please deposit **Rs. 5,88,022/- (Rupees Five Lakh Eighty Eight Thousand Twenty Two only)** towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per condition of Clause 1 A on page 15 of the contract document.
- 4- आपसे अनुरोध है कि आप ठेका श्रमिक (विनियम एवं उन्मूलन) अधिनियम 1970 के उपबंधों एवं ठेका श्रमिक (विनियम एवं उन्मूलन) केन्द्रीय नियमावली 1971, बालक श्रम (प्रतिषेध एवं विनियमन) अधिनियम 1986, निर्माण श्रमिकों (नियोजन और सेवा शर्त विनियमन) अधिनियम 1996, भवन और अन्य सन्निमार्ण कर्मकार उपकर अधिनियम 1996 जैसा कि निविदा की ठेका सामान्य शर्तों के पृष्ठ क्रं. 48 की शर्त 19 एवं केन्द्रीय एवं राज्य सरकार के नियमों में निर्दिष्ट है का अनुपालन करें।
You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no. 48 of GCC of tender and rules of Central and State Government.
- 5- आपको वरिष्ठ प्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, राजा भोज विमानतल, भोपाल 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 Sr. Manager (Engg.-Elect.), AAI, Bhopal Airport immediately who will arrange to hand over the site to you.
- 6- कृपया नोट करे की कार्य पूरा करने के लिए आपको **06 (छह) माह** का समय प्रदान किया जाता है। यह समय इस पत्र के जारी करने की तिथि के 10th दिन के बाद से माना जाएगा।
Please note that the time allowed for carrying out the work shall be **06 (Six) Months** and the same shall be reckoned from 10th day after date of issue of this letter.
- 7- इस ठेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए उप महाप्रबंधक (अभि.-विद्युत), भा.वि.प्रा., राजा भोज विमानतल भोपाल - 462036 को संबोधित करें।
Any further correspondence in connection with the contract should normally be addressed to the Dy. Gen. Manager (Engg.-Elect.), Airports Authority of India, R. B. Airport, Bhopal - 462036.
- 8- कृपया इस पत्र की प्राप्ति की सूचना दें तथा इसके साथ अनुलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेज दें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.
- 9- यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।
In case any discrepancy is found, then English version will be taken as correct.

भवदीय / Yours Faithfully

(रामजी अवस्थी / Ramjee Awasthi)

उप महाप्रबंधक (अभि.-विद्युत)
Dy. Gen. Manager (Engg.-Elect.)
भा.वि.प्रा., राजा भोज विमानतल, भोपाल - 462036
AAI, Raja Bhoj Airport, Bhopal - 462036.
कृते तथा ओर से, अध्यक्ष,
For and on behalf of Chairman,
भारतीय विमानपत्तन प्राधिकरण.
Airports Authority of India.

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)
2. आयकर आयुक्त
आयकर कार्यालय, होशंगाबाद रोड,
मैदा मिल के सामने, भोपाल।
Commissioner of Income Tax,
Income Tax office, Hoshangabad Road, Opposite Maida Mill, Bhopal.

आंतरिक/ INTERNAL

1. महाप्रबंधक (अभि.), भा.वि.प्रा, दुमना विमानतल, जबलपुर - 482005 जानकारी हेतु ।
General Manager (Engg.), AAI, Dumna Airport, Jabalpur - 482005 for information please
2. विमानपतन निदेशक, भा.वि.प्रा, राजा भोज विमानतल, भोपाल-462036 जानकारी हेतु ।
Airport Director, AAI, R.B. Airport, Bhopal - 462036. for information please
3. सहायक महाप्रबंधक (वित्त), भा.वि.प्रा, राजा भोज विमानतल, भोपाल-462036 जानकारी हेतु ।
AGM (Finance), AAI, R.B. Airport, Bhopal - 462036. for information please
4. वरि. प्रबंधक (अभि- विद्युत), राजा भोज विमानतल, भोपाल-462036 कार्यस्थल सौंपने एवं उचित
कार्यवाही हेतु ।
Sr. Manager (Engg.-Elect.), AAI, R.B. Airport, Bhopal - 462036 To handover the site and
necessary action.
5. कनि.कार्यपालक (अभि- विद्युत), भा.वि.प्रा, राजा भोज विमानतल, भोपाल-462036 ठेका करारानुसार कार्य
निष्पादन हेतु ।
Jr. Executive (Engg.-Elect.), AAI, R.B. Airport, Bhopal - 462036 To Supervise the work as per
contract agreement.
7. करार प्रति/Agreement Copy.
8. कार्य फाईल/Works File.


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

Bill of Quantities (BOQ)**Name of work:** Provision of Perimeter Lighting in Balance Portion of Available Perimeter Wall at R. B. Airport, Bhopal.

S. No.	DESCRIPTION OF ITEMS	UNIT	QTY	RATE	AMOUNT
1.00	Supply, installation, testing and commissioning of dust, damp and vermin proof cubicle free floor, 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 equiped with extendable rotary Handle and Spreader Terminals - 1 Set ON-OFF indication lamps (LED type) with 2 Amp control MCBs. - 1 Set (three numbers) ii) 3 Nos. Phase indication LED lamps with 2Amp MCB, 'ON/OFF' indicating light with 2A MCB. iii) Multifunction meter, class 0.5 with LCD Display shown V,A,HZ & PF - 1 Nos. iv) Current Transformer CT 100/5A , CL-1 , 5 VA - 3 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 32 Amps. 4P, MCCB '36KA, (Ics = Icu= 36KA) with thermal magnetic release having O/L & S/C protection equiped extendable rotary Handle and Spreader Terminals - 03 Set ON-OFF indication lamps (LED type) with 2 Amp control MCBs. - 3 Set Astro timer - 1 No. Contactor MNX50 (or equivalent) - 01 No.	JOB	6.00	125000.00	750000.00

S. No.	DESCRIPTION OF ITEMS	UNIT	QTY	RATE	AMOUNT
2.00	Supply, Installation, Testing and Commissioning of 3 KVA, single phase UPS system with input voltage 150 - 280 volt and output 230 volt + 1%, 50 Hz + 5 Hz., voltage regulation from no load to full load will be within $\pm 1\%$ in both the case. UPS will withstand 10% overload for 10 minutes and 50 % over load for 10 seconds. The UPS should have auto and manual bypass arrangements. The UPS should be provided to withstand 15 minutes battery backup on full load with suitable rating sealed maintenance free battery i/c interlinks complete etc. as required.	Each	1.00	66000.00	66000.00
3.00	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	100.00	1200.00	120000.00
4.00	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	3000.00	600.00	1800000.00
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: 4 core 16 Sq.mm	Meter	8500.00	150.00	1275000.00
6.00	Supply of GI pipes of 65 mm dia, ISI marked, medium class sizes as per site requirement	Meter	24.00	950.00	22800.00
7.00	Supply of GI pipes of 125 mm dia, ISI marked, medium class sizes as per site requirement	Meter	15.00	2500.00	37500.00
8.00	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	6740.00	125.00	842500.00

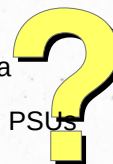
S. No.	DESCRIPTION OF ITEMS	UNIT	QTY	RATE	AMOUNT
9.00	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. 125 mm dia	Meter	2500.00	200.00	500000.00
10.00	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	331.00	5500.00	1820500.00
11.00	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	331.00	2500.00	827500.00
12.00	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	1.00	2000.00	2000.00
13.00	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	331.00	500.00	165500.00
14.00	Supplying and making end termination with 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	4.00	650.00	2600.00
15.00	Supplying and making end termination with brass compression gland and aluminium lugs for 4 X 16 sq. mm (28 mm) size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 grade as required.	Each	662.00	200.00	132400.00

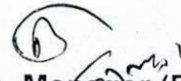
S. No.	DESCRIPTION OF ITEMS	UNIT	QTY	RATE	AMOUNT
16.00	Laying of following size. "B" class GI pipe across the nallah / drainage & road crossing / in pavement at a depth of approx. 0.5 mtr including making trench by cutting the road / pavement, excavation and refilling the trench, consolidation and making good the surface excluding PCC work complete etc. as required. Upto 125 mm dia. GI pipe.	Meter	30.00	300.00	9000.00
17.00	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	6740.00	20.00	134800.00
18.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	Meter	100.00	125.00	12500.00
19.00	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	1.00	7000.00	7000.00
20.00	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	11500.00	25.00	287500.00
21.00	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	45.00	225.00	10125.00
22.00	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	10.00	4500.00	45000.00
				Total	88,70,225.00

(Rupee Eighty Eight Lakh Seventy Thousand Two Hundred Twenty Five Only)

Signature Not Verified

Digitally signed by Umesh Kumar Chaurasia
Date: 2022.07.13 10:52:25 IST
Location: eProcurement System for Central PSUs




Dy. Gen. Manager (Engg-E)
AAI, R. B. Airport, Bhopal