



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

विद्युत अभियांत्रिकी अनुभाग
ELECTRICAL ENGINEERING WING

संदर्भ सं.: भा.वि.प्रा./BBSR/ उप महाप्रबंधक (अभि - विद्युत)/WO-08/2021-22/ 8528

दिनांक: 09.08.2021.

सेवा में/To,

मेसर्स दुर्गा सप्लाय एजेंसिज,
M/s Durga Supply Agencies,
28, ब्रह्मेश्वर बाग, टंकापानी रोड,
28, Brahmeswar Bag, Tankapani Road,
भुवनेश्वर - 751018 / Bhubaneswar-751018

हाथ द्वारा / By Hand

ई-मेल: durga.supply @gmail.com

कार्य का नाम: एमएसएसआर राडार स्टेशन, बरहामपुर में एयर कंडीशनिंग और अन्य विद्युत स्पेयर आइटम का प्रावधान ।

Name of Work: Provision of Air-Conditioning and Other Electrical Spares Items at MSSR Radar Station, Berhampur

महोदय/Dear Sir(s),

Ref: Your e-Tender opened dated 10.06.2021 for Tender ID No. 2021_AAI_77244_1.

- उपरोक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आप द्वारा उद्धरित मद दर जिसकी कुल राशि रु. 10,09,870.00 (दस लाख नौ हजार आठ सौ सत्तर रुपया मात्र) जीएसटी को छोड़कर जो कि निविदा की अनुमानित लागत रु. 11,64,609.00 से 13.29% कम है, स्वीकृत की जाती है।

Your e-Tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at item rates quoted by you totaling to Rs. 10,09,870.00 (Rupees Ten Lakhs Nine Thousand Eight Hundred and Seventy Only) Excluding GST which is 13.29% (Thirteen Point Two Nine Percent) below the Justified cost of Rs.11,64,609.00

- उप महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बी.प.अ. हवाई अड्डा, भुवनेश्वर इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु दिनांक 19.08.2021 के अंदर उप महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बी.प.अ. हवाई अड्डा, भुवनेश्वर के कार्यालय में उपस्थित हों। संविदा करार रु 100/- (सौ रुपये मात्र) के न्यायिकेतर (नॉन ज्युडिशियल) स्टाम्प पेपर पर बनाया जाएगा और स्टाम्प पेपर की लागत आपको वहन करनी होगी।

Dy. General Manager Engg. (E), AAI, B.P. International Airport Bhubaneswar, shall be the Engineer-in-Charge of the work. You are requested to attend the office of the Dy. General Manager Engg. (E), AAI, B.P. International Airport, Bhubaneswar by 19.08.2021 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100.00 (Rupees One Hundred only) and the cost of stamp paper shall be borne by you. Cont...2...

कार्यालय निदेशक विमानपत्तन, बिजु पटनायक अंतरराष्ट्रीय एयरपोर्ट, भुवनेश्वर (विद्युत)
Office of the Airport Director, Biju Patnaik International Airport, Bhubaneswar (Elect)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
B.P. Airport, Bhubaneswar-751018
फोन- 0674-2596300, फैक्स- 0674-2596317/302
फोन: 0674-2596300, Fax: 0674-2596317/302



3. कृपया इस पत्र के जारी होने के 10 दिन के भीतर सुरक्षा जमा के लिए रु. 1,00,987.00 (एक लाख नौ सो सतासी रुपया मात्र) जमा करवा दें, ऐसा नहीं करने पर उक्त रकम संविदा दस्तावेज के पृष्ठ 16 पर दी गई शर्त 1A के अनुसार आपके रनिंग बिल से काट ली जाएगी।

Please deposit Rs.1,00,987.00 (Rupees One Lakh Nine Hundred and Eighty Seven Only) towards Security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted as per conditions of Clause No - 1A page 16 of Clauses of the contract document.

4. आपसे अनुरोध है कि संविदा श्रमिक (विनियमन एवं समापन) अधिनियम 1970 और संविदा श्रमिक (विनियमन एवं समापन) केन्द्रीय नियमावली 1971 बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण वर्कर्स (रोजगार और सेवा की शर्त का विनियमन) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण अपकर अधिनियम 1996 जैसा कि निविदा के जीसीसी के पृष्ठ संख्या 68 पर धारा 19 में जीसीसी आफ निविदा निर्दिष्ट है तथा केंद्रीय और राज्य सरकारों के नियमों का अनुपालन करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 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.68 of GCC of Tender and rules of Central and State Governments.

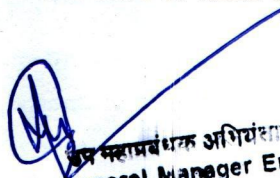
5. आपको निदेश दिए जाते हैं कि आप प्रबंधक (अभी.-विद्युत)-I, भारतीय विमानपत्तन प्राधिकरण, बी.प.अ. हवाईअड्डा से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल हस्तान्तर करने की व्यवस्था करेंगे।

You are also directed to contact the Manager Engg (E)-I, AAI, B.P. International Airport, Bhubaneswar immediately, who will arrange to handover the site to you.

6. पया यह नोट कर लें कि काम पूरा करने का समय 04 (चार) महीने है, जिसे इस पत्र के जारी होने की तारीख से 10 दिन बाद गिना जाएगा।

Please note that the time allowed for carrying out the work shall be Four Months and same shall be reckoned from 10th day after the date of issue of this letter.

Cont...3


अभिषेक प्रबोधक अभियंता (विद्युत)
Dy. General Manager Engg. (Elect)
भारतीय विमान पत्तन प्राधिकरण
Airports Authority of India
बिजु पटनायक हवाई अड्डा, भुवनेश्वर
B.P. Airport, Bhubaneswar



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AIRPORTS AUTHORITY OF INDIA

विद्युत अभियांत्रिकी अनुभाग
ELECTRICAL ENGINEERING WING

7. कृपया ध्यान दें कि त्रुटि की देयता अवधि कार्य पूरा होने की तारीख से बारह महीने की होगी।

Please note that the defect liability period shall be **Twelve Months** from the date of completion of work.

8. संविदा के संबंध में आगे किया जाने वाला पत्राचार सामान्यतः प्रभारी इंजीनियर से किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer - in - Charge.

9. कृपया इस पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप में विधिवत हस्ताक्षर करके हमें वापस भेजें।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to undersigned as a token of acceptance.

धन्यवाद / Thanking you,

भवदीय / Yours Faithfully,

उप महाप्रबंधक (अभी. - विद्युत)/Dy.GM. Engg. (Elect.)

भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर / AAI, B.P. I. Airport, Bhubaneswar

कृते अध्यक्ष, भाविप्रा, नई दिल्ली

संलग्न / Encl: 1. शिड्यूल ऑफ क्वान्टिटीज / Schedule of quantities.

- a) Revenue Items.
- b) Capital Items.

Copy to:-

N.O.O. (External) :

1. Labour Commissioner (Central), Kendriya Shrama Sadan, Plot no. N-7/6 & 7, IRC Village, Behind ISCON Temple, Nayapalli, Bhubaneswar - 15, Odisha.
2. Regional Provident Fund Commissioner, Vabisyanidhi Bhawan, Janpath, Unit IX, Bhubaneswar, Odisha.
3. The Regional Commissioner, Employee State Insurance Corporation, Panchadeep Bhawan, Janpath, Unit IX, Bhubaneswar, Odisha.



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ELECTRICAL ENGINEERING WING

आंतरिक /Internal :

1. विमानपत्तन निदेशक, भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर।
The Airport Director, AAI, B.P. International Airport, Bhubaneswar.
2. संयुक्त महाप्रबंधक (वित्त व लेखा), भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर।
The Jt. General Manager (F&A), AAI, B.P. International Airport, Bhubaneswar
3. प्रबंधक (अभि. - विद्युत)-I, भा.वि.प्रा., बी.प.अ. हवाई अड्डा, भुवनेश्वर।
The Manager (Engg. - Elect)-I, AAI, B.P. International Airport, Bhubaneswar
4. अनुबन्ध फाइल / Agreement Copy.
5. कार्य फाइल / The Works File.

 09/08/2024

उप महाप्रबंधक (अभि. - विद्युत)/Dy.GM. Engg. (Elect.)

भा.वि.प्रा., बी.प.अ. हवाईअड्डा, भुवनेश्वर / AAI, B.P. I. Airport, Bhubaneswar
कृते अध्यक्ष, भाविप्रा, नई दिल्ली

Airports Authority of India
B.P.I.Airports,Bhubaneswar
Schedule of Quantity (Revenue Items)

Name of Work: Provision of Air-conditioning and other Electrical Spares Items at MSSR Radar Station, Berhampur.

Sl.No	BQQ Item	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1	1	Supply of 18 watt Surface mounted circular type led fitting made up of Aluminium die cast Body, minimum 100 Lumens / watt with driver suitable for single phase 230V AC,50 Hz power supply.	10	Each	800.00	8000.00
2	2	Supply of 45 watt LED Street light made up of pressure die cast Aluminium housing, including driver, IP 66 of min 110 Lumens/watt output with LED driver with 230V AC, 50 Hz power supply.	20	Each	3000.00	60000.00
3	3	Supply of Single way 5/6 amps standard switch ISI marked	30	Each	10.00	300.00
4	4	Supply of Single way 5/6 amps standard socket ISI marked	30	Each	23.00	690.00
5	5	Supply of 15/16 amps Standard Switch ISI marked	20	Each	50.00	1000.00
6	6	Supply of 15/16 amps Standard Socket ISI marked	20	Each	55.00	1100.00
7	7	Supply of 5 step, single module 100 watt electronic fan regulator as required.	30	Each	200.00	6000.00
8	8	Supply of 2.5 mfd, 440 Volt capacitor suitable for ceiling fan.	30	Each	15.00	450.00
9	9	Supply of 4.0 mfd, 440 Volt capacitor suitable for heavy duty Exhaust fan.	10	Each	18.00	180.00


 Dy. General Manager Engg.(Elect)
 भारतीय विमान पत्तन प्राधिकरण
 Airports Authority of India
 विमान पत्तनायक हवाई अड्डा, भुवनेश्वर
 B.P. Airport, Bhubaneswar

Sl.No	BQQ Item	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
10	10	Supply of following size PVC Insulated unsheathed single core bright annealed bare Copper conductor multi strand flexible FRLSH cable complete as required.				
a	a	1.5 sq mm (coil -90mtr length)	1	Coil	1200.00	1200.00
b	b	2.5 sq mm (coil -90mtr length)	1	Coil	2000.00	2000.00
c	c	4 sq mm (coil -90mtr length)	1	Coil	3000.00	3000.00
11	11	Supply of following rating 'C' series MCB of 10KA breaking capacity and suitable for 230/415 V, AC Supply (As per approved make list)				
a	a	63A TPN MCB	7	Each	1050.00	7350.00
b	b	6 Amp SP MCB	10	Each	110.00	1100.00
c	c	10 Amp SP MCB	10	Each	110.00	1100.00
d	d	16 Amp SP MCB	10	Each	110.00	1100.00
e	e	32 Amp SP MCB	10	Each	110.00	1100.00
12	12	Supply of Single phase electronic energy meter with multi range of rating 5 to 30 A with LCD display of rating 5 to 30 A with box (L&T-Cat No- WM101BC5DL0BOX or equivalent.)	15	Each	1050.00	15750.00
13	13	Supply of 5/6 amps, three pin plug Top ISI marked.	10	Each	30.00	300.00
14	14	Supply of 15/16 amps, three pin plug Top ISI marked.	10	Each	50.00	500.00


 Dy. General Manager Engg.(Elect)
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 Airports Authority of India
 विमान पत्तन अधिकारी हवाई अड्डा, भुवनेश्वर
 B.P. Airport, Bhubaneswar-751005

Sl.No	BQQ Item	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
15	15	Supply of 1x 20 Watt Batten type LED fittings , with extruded aluminum, of min 100 Lumens/watt with driver and inbuilt diffuser suitable for single phase 230V AC,50 Hz power supply.	20	Each	550.00	11000.00
16	16	Supply of LED indication lamp 230 volt AC suitable for existing LT panels.				
a	a	Red Indicator	30	Each	130.00	3900.00
b	b	Yellow Indicator	20	Each	130.00	2600.00
b	c	Blue Indicator	20	Each	130.00	2600.00
d	d	Green Indicator	15	Each	130.00	1950.00
17	17	Supply of three phase digital type Ammeter (5A secondary current) suitable for existing LT panels..	2	Each	800.00	1600.00
18	18	Supply of three phase digital type Voltmeter(0-500V) suitable for existing LT panels.	3	Each	800.00	2400.00
19	25	Supply of following XLPE insulated & PVC sheathed 1.1 KV grade, aluminium conductor, armoured power cable conforming to IS:7098, PART-1/1988 upto date Amendments				
a	a	4core 16sq.mm	30	Mtr	120.00	3600.00
20	26	Supply of following XLPE insulated & PVC sheathed 1.1 KV grade, aluminium conductor, armoured power cable conforming to IS:7098, PART-1/1988 upto date Amendments .				
a	a	4C x 10 sq.mm	100	Mtr	100.00	10000.00


 Dy. General Manager Enngg.(Elect)
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 Airports Authority of India
 बिजु पटनायक हवाई अड्डा, भुवनेश्वर
 B.P. Airport, Bhubaneswar

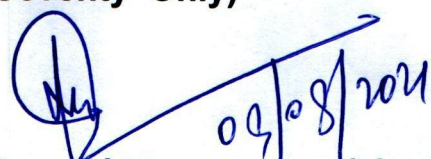
Sl.No	BQQ Item	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
21	30	Supply of 12V, 65 AH Sealed Maintenance Free, Valve Regulated Lead Acid battery for Solar Street Light as per latest IS specification as required. (Model no EP65-12 Make-Exide or equivalent)	12	Set	3500.00	42000.00
22	31	Supply of 12V, 10Amp Solar charge controller with dusk to dawn facility, suitable for 45 watt LED Street Light with minimum 1 year warranty.	12	No	750.00	9000.00

GST Extra Applicable

Total Rs.

202870.00

(Rupees Two Lakhs Two Thousand Eight Hundred and Seventy Only)


 Dy.General Manager Engg(E)
 AAI, B.P.I. Airport Bhubaneswar

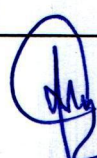
Airports Authority of India
B.P.I. Airports, Bhubaneswar
Schedule of Quantity (Capital Items)

Name of Work: Provision of Air-conditioning and other Electrical Spares Items at MSSR Radar Station, Berhampur.

Sl.No	BQQ Item	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1	19	Supply of 5 star rated as per latest BEE standards, for best energy efficiency, inverter type 1.5TR split Air-conditioner with all accessories, cordless remote & of cooling capacity 4500 K Cal/hr (1.5 Ton) fitted with rotary / semi-hermetic compressor along with copper condenser unit operating on refrigerant R-32/ other Non CFC suitable for wall mounting & suitable for operation on 230 Volt, 50HZ, Single phase AC supply capable of performing following functions; (i) Cooling (ii) dehumidifying, (iii) Air Circulating, & (iv) Filtering etc as required.	10	Each	30000.00	300000.00
2	20	ITC of Split type Air-conditioner with cordless remote & of cooling capacity 1.5TR including fixing of indoor & outdoor units, providing & fixing of suitable refrigerant piping, control cabling and drain pipe (upto length of 3.0 meters), leakage testing, providing & charging of refrigerant gas (R-32 /Non CFC) etc. complete as required as per site condition and as per the direction of E-I-C.	10	Each	750.00	7500.00

(Signature)
Dy. General Manager Engg. (Elect)
भारतीय विमान पत्तन प्राधिकरण
Airports Authority of India
विजु पटनायक हवाई अड्डा, भुवनेश्वर
B.P. Airport, Bhubaneswar

Sl.No	BQQ Item	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
3	21	Supply & fixing of Iron Angle stand suitable for installation of outdoor unit of above mentioned 1.5 TR split air-conditioners including painting etc. complete as required.	10	Each	500.00	5000.00
4	22	Supply & fixing of additional copper pipe (both suction and discharge refrigerant piping) line along with 3 core isi marked copper pvc insulated control cable suitable for above said air conditioners from indoor unit to outdoor unit as per site condition and as per the direction of E-I-C.	70	Mtr	350.00	24500.00
5	23	Supply and fixing of additional braided type PVC drain pipe along with accessories from indoor unit as per site condition and as per the direction of E-I-C.	100	Mtr	70.00	7000.00
6	24	Supply of ceiling fan of 1200 mm sweep , single phase induction motor, with maximum power consumption of 50 watts with double ball bearing, blades , canopy, minimum 30 cm down rod suitable for single phase 230 V 50 HZ, AC supply with two year warranty .	30	Mtr	2100.00	63000.00


 Dy. General Manager Engg. (Elect)
 भारतीय विमान पत्तन प्राधिकरण
 Airports Authority of India
 विष्णु पटनायक हवाई अड्डा, भुवनेश्वर
 S.P. Airport, Bhubaneswar

Sl.No	BQQ Item	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
7	27	Supply & Installation of 125 Amps multistage 3 phase series Power filter consists of inductance wound in ferrite core, capacitance with MOV 70kA+40kA in transverse and common mode, rating 125 Amps continuous per phase in IP55 grade power coated metal enclosure with safety circuit breaker and 125 Amps service bypass changeover switch and inter connecting cables, end termination etc. as required to be installed in the input of the UPS.	1	No	175000.00	175000.00
8	28	Supply and fixing of 100 Amp Four pole On load Changeover switch disconnect in sheet steel enclosure, with all accessories etc.complete as required.	2	No	6000.00	12000.00
9	29	Supply & fixing of AC-1 250A 4P contactor, 4NO, 220V AC for existing panel .(Similar to Make TC model LC1 FDP 1504A).	4	No	12000.00	48000.00
10	32	Supply of 3 HP submersible pump-motor set consisting of multistage pumps with suitable motor suitable for operation on 415 volt, 50 Hz, Three phase A/C supply. Pumps and motors must be connected with alignment shafts etc. complete as required . (Make : Model KU4-0334T of Kirloskar or its equivalent to approved make list).	1	Set	20000.00	20000.00

Dy. General Manager Engg.(Elect)
 भारतीय विमान पट्टन प्राधिकरण
 Airports Authority of India
 विष्णु पटनायक हवाई अड्डा, भुवनेश्वर
 C.P. Airport, Bhubaneswar

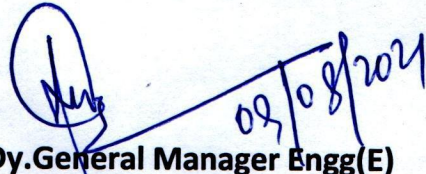
Sl. No	BQQ Item	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
11	33	Design, supply, Installation, Testing and commissioning of Automatic Power factor corrector panel 40 KVAR, 3 ph, 415v, totally enclosed, free standing, free mounting, dust and vermin proof, cubicle type to be fabricated out of minimum 2 mm thick sheet steel, with provision for capacitor mounting arrangement inside the panel with copper, Busbars, interconnections, adequate number of louvers and power coated with approved shade including supply & installation of following components and as per technical specifications. a) Incomer:-100A 3P MCCB 36 KA with adjustable overload & Short circuit protection 1. 3 phase Digital Voltmeter - 1 No 2. 3 phase Digital Ammeter - 1 No 3. CT (100/5A) - 3 Nos 4. Indicator-R/Y/B - 3 Nos 5. Control MCB 1P 6A (C Series) - 3 Nos 6. APFC Relay-5 stage or higher - 1 No 7. Auto Manual selector Switch - 1 No 8. Control Contactor - 9 Nos 9. Emergency Stop push Button - 1 No 10. 6A DP MCB(C Series) - 1 No 11. 8" Sweep, single phase 230V AC, 55Watt Cooling Fan(Plastic body type) - 4 Nos 12. On Delay Timer - 1 No b) Outgoing Stages:-10KVAR X 3No 1. 25A 3P MCCB with Extended Rotary Handle & Spreader Terminal-36KA - 1 No 2. 3 pole Capacitor duty contactor which can switching upto 12.5KVAR Capacitor bank with 1NO+1NC - 1 No 3. Push Button on & off - 2 Nos 4. Indicator Red & Green - 2 Nos 5. 10KVAR Ultra heave duty capacitor - 2 Nos 6. 6A DP MCB(C Series) - 6 Nos 5KVAR x 2Nos 1. 16A 3P MCCB with extended Rotary Handle & Spreader Terminal-36KA - 2 Nos 2. 3 pole Capacitor duty Contactor which can switching upto 8.5KVAR Capacitor bank with 1NO+1NC - 2 Nos 3. Push Button on & off - 4 Nos 4. Indicator Red & Green - 4 Nos 5. 5KVAR Ultra heavy duty capacitor - 4 Nos 6. 6A DP MCB (C Series) - 4 Nos	1.00	Set	145000.00	145000.00

GST Extra Applicable

Total Rs.

807000.00

(Rupees Eight Lakhs & Seven Thousand Only)


Dy. General Manager Engg(E)
AAI, B.P.I. Airport Bhubaneswar