



संदर्भ सं.: भाविप्रा/प.क्ष./व.प्र (इंजी-विद्युत)/कांडला/सीडब्लू-03/2023-24/967
Ref. No: AAI/WR/AGM (E-E)/Kandla/CW-03/2023-24/

दिनांक: 23.02.2024
Date: 23.02.2024

✓ सेवा में/ To,

मेसर्स सुरभि एशोसिएशन / M/s Surbhi Association

ई-17-बी, सुरेन्द्र विहार, बागमुगलिया / E-17-B, Surendra Vihar, Bagmugaliya,
होशंगाबाद रोड, भोपाल-462 043/Hoshangabad Road, Bhopal-462 043

विषय/ Sub: कांडला हवाई अड्डे पर एन.डी.बी. का प्रावधान. SH: विद्युत कार्य I /Provision of NDB at Kandla Airport. SH:
Electrical works.

संदर्भ: आपकी ई निविदा नं. 2024_AAI_181687_1 दिनांक 19.02.2024 को खोला गया।
Your E-Tender No.: 2024_AAI_181687_1 opened on Dated 19.02.2024.

महोदय, / Dear Sir(s),

1. उल्लेखित कार्य हेतु आपके द्वारा बताए गये मद मूल्यों पर आपकी ई निविदा की कुल राशि **रु. 35,53,350.00 (रुपये पैंतीस लाख तीरपन हजार तीन सौ पचास मात्र) जीएसटी के साथ** है जेम बीड अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है, जो कि ई-निविदा की उचित लागत राशि **रु. 52,41,112/- से 32.20% नीचे** है। एजन्सी द्वारा वैध टैक्स इन्वाइस प्रस्तुत करने पर जीएसटी अदा किया जाएगा। गुजरात राज्य के लिए जीएसटी क्र. GSTIN:-24AAACA6412D1ZE 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.35,53,350.00 (Rupees Thirty Five Lakh Fifty Three Thousand Three Hundred Fifty only) + GST** which is **32.20% Below** the Justified cost of **Rs.52,41,112/-**. GST will be paid against valid Tax invoice from the agency. For Gujarat state AAI GST no. is GSTIN:24AAACA6412D1ZE

2. सहा महाप्रबंधक (इंजी-विद्युत), भाविप्रा, प.क्ष., क्षेत्रीय मुख्यालय, विलेपार्ले (पूर्व), मुंबई-400099, कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आपकी ओर से एक विश्वसनीय प्रतिनिधी प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक **04.03.2024** तक सहा महाप्रबंधक (इंजी-विद्युत), भाविप्रा, परिचालन कार्यालय भवन, न्यू एअरपोर्ट कालोनी, विलेपार्ले (पूर्व), मुंबई-400099 के कार्यालय में उपस्थित हो तथा करारनामे को पुरा करें। ठेके का करारनामा रु. 300/- के नॉनजुडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।

AGM (ENGG. - ELECT.), RHQ (WR), Vile Parle (E), Mumbai - 400 099 shall be the Engineer-In-Charge of this work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office to the AGM (ENGG- ELECT.), RHQ (WR), Operational office building, New Airport Colony, Vile Parle (E), Mumbai-400 099 by **04.03.2024** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.300/-** and the cost of the stamp paper shall be borne by you.

3. कृपया **रु.3,55,335.00 (तीन लाख पचपन हजार तीन सौ पैंतीस रुपये)** प्रतिभूति जमा के रूप में यह पत्र जारी करने के तारीख के 10 दिन के अंदर जमा किजीये। जमा करने की असफलता में वह राशि बिल से ठेके की शर्तों के अनुसार काट दी जायेगी।
Please deposit **Rs. 3,55,35.00 (Rupees Three Lakh Fifty Five Thousand Three Hundred and Thirty Five only)** towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your bill as per contract conditions.



4. निविदा के संविदा की सामान्य शर्त के पृष्ठ 52 पर दी गई क्लोज 19 के अनुसार आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम (नियम तथा उन्मुलन) 1971 के केन्द्रीय नियम श्रम नियम (नियमन तथा उन्मुलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें।
You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation & Abolition) Central Rule 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. 52 of GCC of tender and rules of Central and State Government.
5. आपको यह निर्देश दिया जाता है कि आप सहायक प्रबंधक (इंजी-विद्युत), कांडला हवाईअड्डा से संपर्क करें जो आपको साइट सौंपने की व्यवस्था करेंगे।
You are directed to contact Asstt.Mgr (E-E), Kandla Airport immediately who will arrange to handover the site.
6. कृपया नोट कर लें कि काम करने का अनुमानित समय 04 (चार) माह है जोकि दिनांक **04.03.2024** से गिना जाएगा।
Please note that the time allowed for carrying out the complete work is **04 (Four) month**, which shall be reckoned from **04.03.2024**.
7. एएआई ने टीआरडीएस के तहत एक खरीददार के रूप में पंजीकरण है और विक्रेता भारत सरकार की पहल टीआरडीएस का लाभ उठा सकते हैं और एमएसएमई विक्रेताओं को चालान/दावा जमा करने/ प्रक्रिया शुरू करने के 45 दिनों के के अंदर में बाद भुगतान किया जाएगा।
AAI has registered as a buyer under TREDS and vendors may avail the benefits of TREDS, a Govt. of India initiative and the payment would be released within 45 days to MSME vendors after submission/processing of invoices/claims.
8. इस ठेके के संबंध में आगे का कोईभी पत्राचार सहायक महाप्रबंधक (इंजी-विद्युत), भाविप्रा, प.क्षे., क्षेत्रीय मुख्यालय, एकीकृत प्रचालन कार्यालय भवन, विलेपार्ले (पुर्व), मुंबई-400099 के पते पर किया जाए।
Any further correspondence in connection with the contract should normally be addressed to AGM (E-E), RHQ (WR), Integrated Operational office building, Vile Parle (E), Mumbai - 400099.
9. कृपया पावती भेजें तथा इस आदेश की दोहरी प्रति आपके हस्ताक्षर के पश्चात इस कार्यालय में भेजें जो कि स्वीकृती टोकन समझा जाएगा।
Please acknowledge the receipt and return the duplicate copy of this order enclosed herewith after signing to the undersigned as a token of acceptance.

यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।

If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.
धन्यवाद/ Thanking You,

Encl: 1. SOQ

भवदीय / Yours faithfully,

मो. सदरुल हुदा
23.02.2024

(मो. सदरुल हुदा)/(Md. Sadrul Huda)

सहायक महाप्रबंधक (इंजी-विद्युत),

Asstt. General Manager (Engg.-Elect.)

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

For and on behalf of Chairman, Airports Authority of India

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Item Rate BoQ

Tender Inviting Authority: Asst.General Manager (E-E)

Name of Work: " Provision of NDB at Kandla Airport. SH: Electrical works."

Tender ID: 2024_AAI_181687_1

Name of the Bidder/
Bidding Firm/
Company :

Sunil Dubey / Surbhi Association

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes In Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Wiring Works- Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLSH PVC insulated copper conductor single core cable in surface / recessed 25mm steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLSH PVC insulated copper conductor single core cable etc as required.	35.00	point	1650.00	57750.00	INR Fifty Seven Thousand Seven Hundred & Fifty Only
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLSH PVC insulated copper conductor, single core cable in surface/ recessed 25mm steel conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire.	200.00	metre	300.00	60000.00	INR Sixty Thousand Only
3	Wiring for light/ power plug with 2X4 sq. mm FRLSH PVC insulated copper conductor single core cable in surface/ recessed 25mm steel conduit alongwith 1 No 4 sq. mm FRLSH PVC insulated copper conductor single core cable for loop earthing as required.	400.00	metre	400.00	160000.00	INR One Lakh Sixty Thousand Only
4	Wiring for light/ power plug with 4X4 sq. mm FRLSH PVC insulated copper conductor single core cable in surface/ recessed 25mm steel conduit alongwith 2 Nos 4 sq. mm FRLSH PVC insulated copper conductor single core cable for loop earthing as required.	100	metre	600.00	60000.00	INR Sixty Thousand Only
5	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLSH PVC insulated copper conductor, single core cable in surface/ recessed 25mm steel conduit as required. 2 X 16 sq. mm + 1 X 6 sq. mm earth wire.	20	metre	600.00	12000.00	INR Twelve Thousand Only
6	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.	5	each	350.00	1750.00	INR One Thousand Seven Hundred & Fifty Only
7	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 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	53	each	500.00	26500.00	INR Twenty Six Thousand Five Hundred Only
8.0	Supply and fixing of following moduler switch/socket/accessories on the existing moduler plate and switch box i/c connection but excluding moduler plate etc. as required. Power board and Switch Board					
8.1	a) 01 module blanking plate	10	each	20.00	200.00	INR Two Hundred Only
8.2	b) Two module fan regulator	4	each	300.00	1200.00	INR One Thousand Two Hundred Only
9.0	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required. For AC	6	each	600.00	3600.00	INR Three Thousand Six Hundred Only
10.1	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPND is normally used where 3 phase outlets are required.) 4 way (4+12), Double door	1	each	8500.00	8500.00	INR Eight Thousand Five Hundred Only
10.2	Supplying and fixing of surface/ recess mounted following way horizontal type three pole and neutral , sheet steel , MCB distribution board, 415 V, complete with tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs powder painted including earthing etc. as required . (Note : (but without MCBs and incomer) 4 way (4+12), Double door	2	each	5000.00	10000.00	INR Ten Thousand Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
10.3	Supplying and fixing of surface/ recess wall mounted following way horizontal type single pole and neutral , sheet steel , MCB distribution board, 240 V, complete with tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs powder painted including earthing etc. as required . (Note : (but without MCBs and incomer) 16 way, Double door	2	each	2250.00	4500.00	INR Four Thousand Five Hundred Only
11	Supplying and fixing following rating, four poles, (three phase and neutral) 415 Volts, 10kA MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63A	2	each	1850.00	3700.00	INR Three Thousand Seven Hundred Only
12	Supplying and fixing following rating, Four pole, (Three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 300 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 A	3	each	3500.00	10500.00	INR Ten Thousand Five Hundred Only
13.0	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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.					
13.1	Single pole	31	each	175.00	5425.00	INR Five Thousand Four Hundred & Twenty Five Only
13.2	Double pole	36	each	550.00	19800.00	INR Nineteen Thousand Eight Hundred Only
13.3	Triple Pole & Neutral	12	each	1850.00	22200.00	INR Twenty Two Thousand Two Hundred Only
14	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	15	each	15.00	225.00	INR Two Hundred & Twenty Five Only
15	SITC of fittings and Fans - Supply of recess mountable LED panel light fixture of size 2 feet X 2 feet, having a power consumption of not more than 36W, efficacy of not less than 100 lumens per watt, power factor >=0.95, minimum lumen output of minimum 3600 lumens, suitable for operation at 230 V +/-5%, 50 Hz +/- 5%, with integrated suitable driver, THD<=10%, CRI>=80, CCT not less than 5500 K, surge protection rating of not less than 2kV and IP20 rating having life of minimum 50000 burning hours etc. as per technical specifications.	5	each	2500.00	12500.00	INR Twelve Thousand Five Hundred Only
16	Supply of 1200 mm long, 2x36 watt (Nominal) LED tube rod (white) fitting complete with batten and inbuilt driver having uniform distribution and lumen output should be minimum 85 lumen per watt suitable for operation on 230volt, 50Hz, single phase AC supply etc. including all accessories complete as required.	14	each	3000.00	42000.00	INR Forty Two Thousand Only
17	Supply of LED type 110 watt integral street light luminaries (IP-66) with pressure die cast aluminium housing and heat resistant toughened glass complete including LED driver suitable for the operation on 230V, 50 Hz AC supply etc. as per technical specifications with all accessories complete as required.	7	each	4500.00	31500.00	INR Thirty One Thousand Five Hundred Only
18	Supply and Fixing 32A, 415 V TPN Industrial type socket outlet with 4 pole and earth metal enclosed plug top along with 25 A , "C" curve, FP MCB in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections testing and commissioning etc. as required	2	each	3500.00	7000.00	INR Seven Thousand Only
19	Supply and fixing of FRP Junction box IP 66 on wall/ceiling for Building External lighting/highbay lighting including TP Connector, connections etc. as required.	7	each	2500.00	17500.00	INR Seventeen Thousand Five Hundred Only
20	ITC of Outdoor LED luminaries on the existing wall brackets i/c. making connections etc. complete as per site requirement.	7	each	250.00	1750.00	INR One Thousand Seven Hundred & Fifty Only
21	Supply & fixing of suitable dia. (in mm) GI wall bracket of 1.5 meter length for light fixture as per item no.17, including bending to the required shape for external building lighting as required.	7	each	750.00	5250.00	INR Five Thousand Two Hundred & Fifty Only
22	Wiring with 3 x 2.5 sq.mm size PVC insulated, copper conductor cable (including supply of cable) in the existing street light pole/MS Conduit from looping box to LED fitting and making connections etc. as required.	25	metre	100.00	2500.00	INR Two Thousand Five Hundred Only
23	SITC of Portable Emergency LED Light with inbuilt rechargeable battery having minimum 5 hrs backup time, brightness control etc. as required.	2	each	1500.00	3000.00	INR Three Thousand Only
24	Supply of 1200mm sweep five star ceiling fan with regulator and all standard accessories etc., complete as required.	4	each	3000.00	12000.00	INR Twelve Thousand Only
25	Supply of 300mm sweep, 900RPM heavy duty exhaust fan with all standard accessories etc., including louver and shutter complete as required.	3	each	3000.00	9000.00	INR Nine Thousand Only
26	Installation, testing and commissioning of pre-wired, fluorescent / led / 2 feet x 2 feet led panel light fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRILSH PVC insulated, copper conductor, single core cable and earthing etc. as required.	19	each	300.00	5700.00	INR Five Thousand Seven Hundred Only

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1	2	4	5	13	53	55
27	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLSH PVC insulated, copper conductor, single core cable etc. as required.	4	each	150.00	600.00	INR Six Hundred Only
28	Extra for fixing the louvers/ shutters complete with frame for exhaust fan of all sizes.	3	each	500.00	1500.00	INR One Thousand Five Hundred Only
29	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. Upto 450 mm sweep	3	each	300.00	900.00	INR Nine Hundred Only
30	SITC of Auto change over timer for serially operation of main and standby AC, suitable for operation on 230V, 50 Hz single phase AC supply, complete with all accessories and as per site requirement.	2	each	4000.00	8000.00	INR Eight Thousand Only
31	SITC of 1.5 TR inverter wall mounted Split type (5 Star rated) air conditioning unit conforming to IS : 1391 (Part-2) -1992 with latest Amendments fitted with Rotary or Reciprocating compressor operating on refrigerant R-32/non-cfc suitable for 230V, 50 Hz single phase AC supply capable of performing the functions as cooling, dehumidification, air circulating and filtering, complete with compressor, evaporators, air cool condenser, connected refrigerant piping, insulation, electric wiring, pre-fabricated MS Stand for outdoor unit including all accessories etc. as per site requirement.	6	set	46500.00	279000.00	INR Two Lakh Seventy Nine Thousand Only
32	Providing of extra refrigerant piping, cabling , insulating with foam between indoor and outdoor units (apart from standard length) etc. as required.	15	metre	1000.00	15000.00	INR Fifteen Thousand Only
33	Providing and fixing of extra drain CPVC / UPVC pipe for condensate water from indoor unit to nearest drain point including coupling , elbow etc. apart from standard length as per OEM as required	30	metre	100.00	3000.00	INR Three Thousand Only
34	Supply of following sizes of 1.1 KV grade multicore XLPE insulated PVC sheathed armoured aluminium cable (as per IS : 7098:1988 with upto date amendments) complete as required as per specifications.					
34.1	a) 4 x 16sqmm	100	metre	170.00	17000.00	INR Seventeen Thousand Only
34.2	b) 3.5 X 150 Sq.mm	1100	metre	850.00	935000.00	INR Nine Lakh Thirty Five Thousand Only
35	Laying of one number PVC insulated and PVC sheathed / FRLSH power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL /HDPE/DWC pipe as required.					
35.1	Upto 35 sq. mm	60	metre	20.00	1200.00	INR One Thousand Two Hundred Only
35.2	Above 95 sq. mm and upto 185 sq. mm	1050	metre	70.00	73500.00	INR Seventy Three Thousand Five Hundred Only
36	Laying of one number PVC insulated and PVC sheathed / FRLSH power cable of 1.1 KV grade of following size in masonnary open duct etc as required.					
36.1	Upto 35 sq. mm	20	metre	20.00	400.00	INR Four Hundred Only
36.2	Above 95 sq. mm and upto 185 sq. mm from LT panel to Junction Box	50	metre	50.00	2500.00	INR Two Thousand Five Hundred Only
37	Laying and fixing of one number PVC insulated and PVC sheathed / FRLSH power cable of 1.1 KV grade of following size on wall surface as required.					
37.1	Upto 35 sq. mm	20	metre	25.00	500.00	INR Five Hundred Only
37.2	Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	25	metre	70.00	1750.00	INR One Thousand Seven Hundred & Fifty Only
38	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / FRLSH aluminium conductor cable of 1.1 KV grade as required.					
38.1	4 x 16sqmm	2	set	200.00	400.00	INR Four Hundred Only

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1	2	4	5	13	53	55
38.2	3.5 x 150 sqmm	8	set	750.00	6000.00	INR Six Thousand Only
39	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.					
39.1	63 mm dia (OD-63 mm & ID-51 mm nominal)	60	metre	150.00	9000.00	INR Nine Thousand Only
39.2	90 mm dia (OD-90 mm & ID-76 mm nominal)	1050	metre	250.00	262500.00	INR Two Lakh Sixty Two Thousand Five Hundred Only
40	Laying of cable route marker with 10 cm X 10 cm X 5 mm thick G.I. plate with inscription there on, bolted /welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground etc. as required.	17	each	450.00	7650.00	INR Seven Thousand Six Hundred & Fifty Only
41	Jointing of 25 mm X 5 mm Copper strip by brazing with suitable rod complete as required etc. as per instruction of Engineer Incharge.	200	each	45.00	9000.00	INR Nine Thousand Only
42	Earthing with GI 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 metre long etc. with charcoal / coke and salt as required.	2	each	7500.00	15000.00	INR Fifteen Thousand Only
43	Providing and fixing 25 mm X 5 mm GI strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	20	metre	600.00	12000.00	INR Twelve Thousand Only
44	SITC of wall mounted Junction Box made out of 14 SWG MS sheet,of size 600mm x450mm x300mm, TPN aluminum busbars of rating 300A, painting and writing i/c danger plate, fixing as required on wall surface etc. as per site requirement. Main incomer 250A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 01 Nos, Indication Lamp R, Y & B (LED Type) -02 set, Outgoing:-200A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 02 Nos, , 160A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle and spreaders - 02 Nos, Mechanical key lock (2 Lock +2 Key)	1	job	25000.00	25000.00	INR Twenty Five Thousand Only
45	SITC of Dust & vermin proof Indoor type double door Floor Mounted panel of suitable size on angel iron frame/ flate iron frame work and to withstand rough usage. The panel shall be fabricated with 14 SWG MS sheet complete with all accessories suitable angle/ channels frame, gland plates, painting etc. including supplying and fixing of following accessories and making inter connection, earth connection, neutral link, etc.as per the drawing and site requirement. Incomer 160A, MCCB,TPN, 16 KA ,thermomagnetic/microprocessor based release with extended rotary handle and spreaders - 02 Nos. TPN automatic change over switch with controller, 100A, FP, 415V,50Hz, etc as per site requirement ATS 16 KA -1 Nos. HRC Fuse 150A-03 Nos. Multi function meter (Shows Voltage, Current & Frequency) with 3 line LCD Display - 02 Nos. 100A, MCCB,TPN, 16 KA TM based (O/L,S/C and E/F) with extended rotary handle and spreaders - 01 Nos. Installation of MOV based T2/ 50KA Surge Protection Device for output(Two Phase, Incoming & Outgoing) with Rated voltage MCOV 5000V in the fire proof metal enclosure.-02 Nos. Installation of MOV based T3/ 40KA Surge Protection Device for output(Two Phase, Incoming & Outgoing) with Rated voltage MCOV 5000V in the fire proof metal enclosure.-02 Nos. Indication Lamp R, Y & B (LED Type) -02 set with suitable protection	1	job	750000.00	750000.00	INR Seven Lakh Fifty Thousand Only
45.01	Outgoings 63A, MCCB, 4P, 25 KA (Icu= 100% Ics),thermomagnetic/microprocessor based release with extended rotary handle - 06 Nos. Indication Lamp Red, Yellow & Blue (LED Type) -06 set 32 A, 100 mA DP RCBO -4 Nos., 10 A DP MCB -5 Nos., 20 A DP MCB -13 Nos., 64 A 4P MCB -02 Nos.,40 A TPN MCB -1 Nos.,100 A DP MCB -1 Nos., Other 200A Copper busbar, 3 Phase & Neutral Mechanical key lock (3 Lock +2 Key) Necessary CT/PT & Control wiring arrangement Power terminal and other accessories					
46	Constructing masonry Chamber 900 mm x 900 mm x 1000 mm inside, with 50 class designation brick work in cement mortar 1:4 (1 cement : 4 coarse sand) , RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate) 20 mm nominal size with RCC Cover i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate) 40 mm nominal size and inside plastering with cement mortar 1:4 (1 cement : 4 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design with common burnt clay F.P.S.(non modular) bricks of class designation 7.5.	4	nos	7500.00	30000.00	INR Thirty Thousand Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
47	Providing, laying and fixing following size G.I. pipe (medium class) in ground complete with G.I. fittings including trenching in existing bituminous /concrete road, re-filling and making good the same etc as per site requirement.					
47.1	50mm dia					
47.2	100mm dia	12	metre	950.00	11400.00	INR Eleven Thousand Four Hundred Only
48	Excavation of the cable trenches in hard rock not exceeding 1.5 meters in width and lift up to 1.5 meters, including getting out the excavated soil and disposal of excavated soil as directed.	20	metre	1500.00	30000.00	INR Thirty Thousand Only
49	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in road and making road in good condition etc as required.	15	cum	500.00	7500.00	INR Seven Thousand Five Hundred Only
50	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, 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) 12Way,Double Door	15	cum	6000.00	90000.00	INR Ninety Thousand Only
51	Supplying and laying 6 SWG G.I. wire at 50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	1	nos	2000.00	2000.00	INR Two Thousand Only
52	Supply & Fixing of synthetic insulation Mat conforming to IS 15652 : 2006, Class - A up to 3.3 KV along with suitable adhesive etc complete as required. (Standard width of 2 Meters)	1150	metre	30.00	34500.00	INR Thirty Four Thousand Five Hundred Only
53	Supply of Portable Fire Extinguishers (V2) As Per IS 15683:2018	6	sq.mtr	1500.00	9000.00	INR Nine Thousand Only
54	Supply of following item for the automatic operation of outdoor light.	6	each	10000.00	60000.00	INR Sixty Thousand Only
54.1	a) Astronomical time switch 110 -240 AC 1 Phase - 2W 2 Channel 2 NO , Base /DIN for switching on & off of street lights at sunset & sunrise or twilight (Auto ON , Auto Off , Auto modes) with manual override facility with 12 / 24 hour display format with suitable battery and indication for relay status i/c programmable at site complete as required.	1	each	5000.00	5000.00	INR Five Thousand Only
54.2	b) MNX 40 TP Power Contactor	1	each	4000.00	4000.00	INR Four Thousand Only
54.3	c) loop in loop out box of suitable size for incorporating time switch and MNX 40 TP power contrator including suitable connector with terminal and DIN rail for mounting of MCBs/connectors, making interconnections as required i/c suitable clamp for fixing.	1	each	2000.00	2000.00	INR Two Thousand Only
55	Installation,testing and commissioning of loop in loop out box on wall surface alongwith Astronomical time switch, Power contactor as per Item no 54 including making necessary wiring and connection to operate outdoor lights automatically as required, etc.	1	job	1000.00	1000.00	INR One Thousand Only
56	Supply, installation, testing & commissioning of addressable 2 loop IP based Fire alarm Control panel complete with all connections etc. as required.	1	each	75000.00	75000.00	INR Seventy Five Thousand Only
57	Supply, installation, testing & commissioning of addressable multi criteria type smoke detector with builtin LED and mounting base complete with all connections etc. as required.	20	each	3200.00	64000.00	INR Sixty Four Thousand Only
58	Supply, installation, testing & commissioning of addressable manual call point complete as required.	4	each	1000.00	4000.00	INR Four Thousand Only
59	Supplying, installation, testing & commissioning response indicator on surface/ recess MS box having two LEDs metallic cover complete with all connections etc. as required.	6	each	500.00	3000.00	INR Three Thousand Only
60	Supply, installation, testing & commissioning of sounder Flasher etc. as required	4	each	5000.00	20000.00	INR Twenty Thousand Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
61	Supply and laying of 2x1.5 sq.mm Copper conductor armoured cable, Fire Retardant PVC insulated in the existing surface / steel conduit / pipe etc. including connections and interconnections etc. as required	350	metre	120.00	42000.00	INR Forty Two Thousand Only
62	Supply, installation, testing & commissioning of auto dialer suitable for operation with fire alarm systems etc. complete as required.	1	each	5000.00	5000.00	INR Five Thousand Only
Total in Figures					3553350.00	INR Thirty Five Lakh Fifty Three Thousand Three Hundred & Fifty Only
Quoted Rate in Words		INR Thirty Five Lakh Fifty Three Thousand Three Hundred & Fifty Only				

मो. सदरुल हुदा

23.02.2024

मो. सदरुल हुदा / Md. Sadrul Huda
 सहायक महाप्रबंधक (अभि.-विद्युत) / Asst. General Manager (Engg-Elect.)
 भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
 प. क्षे. मुख्यालय, मुंबई / WR, Mumbai - 400 099.