



संदर्भ सं.: भाविप्रा/पक्षे/समप्र (इंजी-वि)/एआरएमओ/2021-23 /दीव /एमडब्ल्यू-01/2020-21/
Ref.No : AAI/WR/AGM (E-E)/ ARMO2021-23/DIU/MW-01/2020-21/

दिनांक:15.04.2021
Date: 15.04.2021

सेवा में/ To,

मेसर्स टेक्नो इलेक्ट्रिकल्स
2/66, उदय पार्क सोसायटी
रिफाइनरी रोड, गोरवा
वडोदरा।

M/s Techno Electricals,
2/66, Uday Park Society,
Refinery Road, Gorwa,
Vadodara.

कार्य का नाम : एआरएमओ ऑफ इलेक्ट्रीकल एंड मैकेनिकल इंस्टालेशन ऐट दीव एयरपोर्ट फॉर द
इयर 2021-23

NAME OF WORK : ARMO OF ELECTRICAL AND MECHANICAL INSTALLATION AT DIU
AIRPORT FOR THE YEAR 2021-23

संदर्भ: 1) आपकी ई-निविदा नं.2021_AAI_67576 दिनांक 08.01.2021 को खोला गया।
1) Your e-tender id. 2021_AAI_67576 opened on Dated 08.01.2021.

महोदय,/ Dear Sir(s),

1. उल्लेखित कार्य हेतु आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है, आपके द्वारा
बताए गये मद मूल्यों पर आपकी ई-निविदा राशि कुल रु 75,81,566 (रुपए पचहत्तर लाख इक्कासी हजार पाँच सौ
छियासठ मात्र) + जीएसटी है, जो कि ई-निविदा की उचितलागत राशि रु. 91,69,355/- से 17.31% नीचे है। एजन्सी द्वारा
वैध टैक्स इन्वाइस प्रस्तुत करने पर जीएसटी अदा किया जाएगा। दीव के लिए एएआय जीएसटी क्र. GSTIN:-
24AAGFT9086M1ZG 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. 75,81,566 (Rupees
Seventy Five lacs Eighty One Thousand Five Hundred and Sixty six only) + GST, which is
17.31% Below the Estimated cost of Rs. 91,69,355/-. GST will be paid against valid Tax invoice
from the agency. For Diu state AAI GST no. is GSTIN: 24AAGFT9086M1ZG

2. सहा. महाप्रबंधक (इंजी-विद्युत), भाविप्रा, प.क्षे., क्षेत्रीय मुख्यालय, विलेपार्ले (पूर्व), मुंबई-400099, कार्य के प्रभारी अभियंता
होगे। आपसे निवेदन है कि आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर इस्ताक्षर करने के
लिए अधिकृत हो तथा वह दिनांक 26.04.2021 तक सहा. महा. प्रबंधक (इंजी-विद्युत), भाविप्रा, परिचालन कार्यालय भवन,
न्यू एयरपोर्ट कालोनी, विलेपार्ले (पूर्व), मुंबई-400099 के कार्यालय में उपस्थित हो तथा करारनामे को पुरा करें। ठेके का
करारनामा रु.100/- के नॉनज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा
उठाया जाएगा।

Asst. Gen. Manager (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 Asst.
Gen. Manager (Engg-Elect), RHQ (WR), Operational office building, New Airport Colony,
Vile Parle (E), Mumbai-400 099 by 26.04.2021 to sign and complete the agreement. The
contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- and the
cost of the stamp paper shall be borne by you.

3. आपकी निविदा के साथ प्राप्त ई.एम.डी. रु शून्य राशि निविदा ठेका दस्तावेज के (संविदा की सामान्य शर्तों के संविदा के नियम
1A) के अनुसार प्रतिभूति राशि में तब्दिल कर दिया गया। कृपया रु. 7,58,157.00 (रुपये सात लाख अठ्ठावन हजार एक
सौ सत्तावन मात्र) प्रतिभूति जमा के रूप में यह पत्र जारी करने के तारीख बाद 10 दिन के अंदर जमा कीजिये। जमा करने
की असफलता में वह राशि बिल से ठेके की शर्तों के अनुसार काट दी जायेगी।

The earnest money amount of **Rs. Nil** received along with your e-tender will be treated as part of security deposit as per General condition of contract (GCC) clause No. 1A of tender document. Please deposit **Rs. 7,58,157.00 (Rupees Seven Lakh Fifty-Eight Thousand One Hundred Fifty-Seven 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. 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 provision of contract labour (Regulation and Abolition Act 1970 and contract labour Regulation & Abolition) Central rule 1971 and minimum wages Act & rules thereof central and state Govt.
5. आपको यह निर्देश दिया जाता है कि आप प्रबंधक (इंजी-विद्युत), दीव हवाईअड्डा से संपर्क करें जो आपकी साईट सौंपने की व्यवस्था करेंगे।
You are directed to contact Manager (E-E), Diu Airport immediately who will arrange to handover the site.
6. कृपया नोट कर लें कि काम करने का अनुमानित समय 24 (चौबीस) माह है जोकि इस पत्र के जारी होने के 10 दिनों से गिना जाएगा।
Please note that the time allowed for carrying out the complete work is 24 (Twenty-Four) months, which shall be reckoned from 10th day of issue of this letter.
7. इस ठेके के संबंध में आगे का कोई भी पत्राचार सहा. महा. प्रबंधक (इंजी-विद्युत), भाविप्रा, प. क्षे., क्षेत्रीय मुख्यालय, एकीकृत प्रचालन कार्यालय भवन, विलेपार्ले (पूर्व), मुंबई-400099 के पते पर किया जाए।
Any further correspondence in connection with the contract should normally be addressed to Asst. Gen. Manager (Engg-Elect), RHQ (WR), Integrated Operational office building, Vile Parle (E), Mumbai - 99.
8. 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.

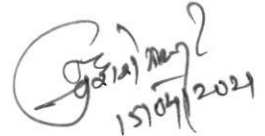
यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।

If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद/ Thanking You,

भवदीय / Yours faithfully,

Encl: 1. SOQ



(सी. एस. शेवारे) / (C.S. Sneware)

सहा. महा. प्रबंधक (इंजी-विद्युत)

Asst. Gen. Manager (Engg-Elect)

भाविप्रा, क्षे. मुम्बई / AAI, RHQ-WR, Mumbai

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण

For and on behalf of Chairman, Airports Authority of India

Validate Print Help

Item Rate BoQ

Tender Inviting Authority : AGM(E-E)

Name of Work: ARMO of ELECTRICAL AND MECHANICAL INSTALLATIONS AT DIU AIRPORT FOR THE YEAR 2021-23.

Contract No : 2020_AAI_66834_1

Name of the Bidder/ Bidding Firm / Company :	TECHNO ELECTRICALS					
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	Job contract for Operation and maintenance of Electrical & Mechanical installations at terminal building, old technical block, Power house, old fire station, MT Workshop, etc. i/c providing consumable material like cotton waste, oil, grease & other sundry material required for cleaning etc., attending minor faults of Equipments/ Repairs/ Replacement of defective components with AAI Supplied New Components, ensuring 100% Serviceability/ satisfactory working condition of the Systems, Routine and General Preventive Maintenance as per Standard Manufacturers' Practices and as per special conditions of contracts, Maintenance of Records and Log Books and reporting as and when required, complete Upkeeping of the Installations etc.,. The contractor has to deploy man power on each day as per special conditions of contract on all days including Sundays & Holidays as specified and as directed by Engineer-In-Charge as required.	24.00	Month	188855.00	4530520.00	INR Forty Five Lakh Thirty Two Thousand Five Hundred & Twenty Only

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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
2	Job contract for Operation and maintenance of Electrical & Mechanical installations at New ATC Tower cum technical block cum Fire Station and Fire Pump House i/c providing consumable material like cotton waste, oil, grease & other sundry material required for cleaning etc., attending minor faults of Equipments/ Repairs/ Replacement of defective components with AAI Supplied New Components, ensuring 100% Serviceability/ satisfactory working condition of the Systems. Routine and General Preventive Maintenance as per Standard Manufacturers' Practices and as per special conditions of contracts, Maintenance of Records and Log Books and reporting as and when required, complete Upkeeping of the Installations etc.,. The contractor has to deploy man power on each day as per special conditions of contract on all days including Sundays & Holidays as specified and as directed by Engineer-In-Charge as required.	24.00	Month	32000.00	768000.00	INR Seven Lakh Sixty Eight Thousand Only
3	Provision of additional hour required for operations due to delay in flight, emergency, major maintenance works beyond the scope of item no. 1 & 2, on hour basis as per following					
3.1	High - Skilled	100.00	Hrs	93.00	9300.00	INR Nine Thousand Three Hundred Only
3.2	Skilled	100.00	Hrs	83.00	8300.00	INR Eight Thousand Three Hundred Only
3.3	Un - Skilled	100.00	Hrs	60.00	6000.00	INR Six Thousand Only
4	Provision of services of Skilled Computer Operator cum Document Assistant for AGM(E-E) at RHC, WR Mumbai on general duty (timing as decided by EIC) for maintenance of records and reporting as and when required on all days as directed and verified by EIC. (To be deputed at Mumbai)	24.00	Month	27500.00	660000.00	INR Six Lakh Sixty Thousand Only


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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	5
5	Comprehensive Maintenance of following Capacity 230V/ 415V, 50 Hz wall mounted split type room Air conditioner by visiting once in a month and attending any numbers of breakdown calls including carrying out preventive maintenance by providing all necessary consumables and spares etc., complete as required as per special conditions of contract.					
5.1	1.5 TR - First Year	34	Annum/Each	2000.00	68000.00	INR Sixty Eight Thousand Only
5.2	1.5 TR - Second Year	59	Annum/Each	1800.00	106200.00	INR One Lakh Six Thousand Two Hundred Only
5.3	2.0 TR - Second Year	11	Annum/Each	2000.00	22000.00	INR Twenty Two Thousand Only
5.4	3.0 TR - Second Year	3	Annum/Each	1800.00	5400.00	INR Five Thousand Four Hundred Only
6	Dismantling and shifting of 1.5 TR/2.0 TR Split type AC units i.e Indoor and outdoor units to AAI store/any location specified by AAI, including gas pumping down, pipes, cables etc., complete as required. (As and when required basis)	5	Job	1000.00	5000.00	INR Five Thousand Only
7	Installation, testing and commissioning of 1.5 TR/ 2.0 TR Split type Air Conditioner including fixing the interconnection and delivery pipe line with cable between condenser and evaporator units, top up the gas etc as required. (As and when required basis)	5	Job	2850.00	14250.00	INR Fourteen Thousand Two Hundred & Fifty Only
8	Supply and fixing of refrigerant pipeline for suction and delivery line suitable for 1.5 TR/2.0 TR split AC units etc as required. (As and when required basis)	20	Mtr	500.00	10000.00	INR Ten Thousand Only

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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
9	Comprehensive Maintenance of 5.5 TR Capacity 415V, 50 Hz Ductable type split Air conditioner having 01 No. 5.5 TR Outdoor unit i/c maintenance of ducts, diffusers/jet nozzels and refrigerant piping etc by visiting once in a month and attending any numbers of breakdown calls including carrying out preventive maintenance by providing all necessary consumables and spares etc., complete as required as per special conditions of contract. (Second Year)	3	Annum/Each	5000.00	15000.00	INR Fifteen Thousand Only
10	Comprehensive Maintenance of 12 TR Capacity 415V, 50 Hz Ductable type split Air conditioner having 02 No. 3.5 TR Outdoor unit i/c maintenance of ducts, diffusers/jet nozzels and refrigerant piping etc by visiting once in a month and attending any numbers of breakdown calls including carrying out preventive maintenance by providing all necessary consumables and spares etc., complete as required as per special conditions of contract. (Second Year)	2	Annum/Each	12500.00	25000.00	INR Twenty Five Thousand Only
11	Comprehensive Maintenance of water cooler of various makes upto 80 Ltr capacity at different locations by visiting once in a month and attending any numbers of breakdown calls including carrying out preventive maintenance by providing all necessary consumables and spares etc., complete as per site requirement and as per special conditions of contract.					
11.1	First Year	3.00	Annum/Each	4000.00	12000.00	INR Twelve Thousand Only
11.2	Second Year	7.00	Annum/Each	3500.00	24500.00	INR Twenty Four Thousand Five Hundred Only
12	Service contract by reputed service provider for 250 Ltr. Per Hour RO Plant by visiting once in a month and attending any numbers of breakdown calls including carrying out preventive maintenance complete as per site requirement.	2.00	Annum/Each	22500.00	45000.00	INR Forty Five Thousand Only

OF
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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	54
13	Rewinding of the following Fans & Pumps with copper wire of required size including less for dismantled copper wire, alignment, bearing etc. complete as reqd.					
13.1	Celling Fans 48"/56", 230V	20	Each	400.00	8000.00	INR Eight Thousand Only
13.2	Wall fans 100W, 230volt	6	Each	400.00	2400.00	INR Two Thousand Four Hundred Only
13.3	Exhaust Fans upto 300mm sweep	10	Each	400.00	4000.00	INR Four Thousand Only
13.4	Up to 1HP submersible Pump Motor (1-phase)	2	Each	1200.00	2400.00	INR Two Thousand Four Hundred Only
13.5	3HP Horizontal Submersible/centrifugal Pump Motor (3-phase)	2	Each	1500.00	3000.00	INR Three Thousand Only
13.6	Siron Motor (1-phase)	2	Each	1000.00	2000.00	INR Two Thousand Only
14	Carry out Health check up of 4KW CCR (NASU make) by OEM. The scope of item includes inspection of all parts of CCRs, servicing, checking of wiring etc. complete and submission of service reports by OEM as per site requirement.	6	Job	3500.00	21000.00	INR Twenty One Thousand Only
15	Lifting and lowering of open well submersible pump including connection, testing etc. upto 5HP complete as required.	4	Job	1700.00	6800.00	INR Six Thousand Eight Hundred Only


 20/07/2019

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
16	Overhauling and Servicing of 630 Amp 11 KV HT VCBs of JYOTI make by Deploying Authorised Service Personnel of Manufacturer/ Service Dealer/ Specialised Agency experienced in similar nature of work, provided at Power House/ Substation including drawing out of the VCB, opening the same, Inspection, Servicing, Cleaning of Contact Surfaces, Overhauling of Operating Mechanism, Lubrication of Moving Parts, Cleaning of CTs, PTs, Busbars and Chambers, Checking of Busbars and bus links, Replacement of Gasket of Panel, Checking of Electrical and Mechanical Operation, measuring of Contact Resistance, Checking of IR values, Testing of ON OFF Time, replacement of minor defective spares supplied by AAI (excluding supply of spares), Testing and Commissioning etc., as required. (Second Year)	4	Each	4000.00	16000.00	INR Sixteen Thousand Only
17	Inspection/ Overhauling/ Servicing of ACBs of L&T Make of Various Capacities provided in the various LT Panels at Various Power House/ Substation by Deploying Authorised Service Personnel of Manufacturer/ Service Dealer/ Specialised Agencies experienced in Servicing of ACBs including cleaning of ACBs, opening the same, inspection, servicing, cleaning of contact surfaces, arc chutes, overhauling of operating mechanism, lubrication of moving parts, Checking of UV Coils, Trip Circuits, Checking of Control Circuits, replacement of minor defective spares supplied by AAI (excluding supply of spares), testing and commissioning etc., as required. (Second Year)	3	Each	2500.00	7500.00	INR Seven Thousand Five Hundred Only
18	Calibration of Releases provided in various ACBs in various LT Panels, Testing of Tripping, Timing, etc., i/c adjustment of Settings if required at site by Secondary Injection Test as required. (Second Year)	3	Each	1500.00	4500.00	INR Four Thousand Five Hundred Only


A. G. M. C. K.

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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	54
19	Calibration of Auxillary Relays/Master Trip Relay provided in various HV/LV Panels, Testing of Insulation values, Pick-up Value, Drop Off, Burden etc., as required, conforming to IS 9124 - 1979 by Secondary Injection Test as required (Second Year)	30	Each	350.00	10500.00	INR Ten Thousand Five Hundred Only
20	Testing of 11 KV CTs (3 Nos. of Current Rating of Upto 400 Amps associated with Relays (OC/EF/Master) provided in various HV Panels, Tesing of Polarity, Ratio, Insulation values, Testing of Ammeter connected in the Panel, Marking of available CT Ratio, Checking of Trip Circuit and Breaker Operation/Tripping etc., as required, conforming to IS 9124 - 1979 by Primary Injection Test (Maximum upto 50% of Rating of CTs- Testing at 25% and 50% of Original Rating) as required. (Second Year)	4	Each	1750.00	7000.00	INR Seven Thousand Only
21	Filtration of Transformer Oil of following Equipments conforming to IS 6792/72 and IS 1866 as required with up to date amendments, including transporting Filtration Plant and BDV Test Kit, Replacement of Silica Gel, Acidity Testing of Oil at Chemical Testing Lab, Submission of Reports, Checking of Cable Tightness, Gasketting of Cable End Boxes etc. as required. 500KVA 11KV/433V Transformer (Second Year)	2	Job	7000.00	14000.00	INR Fourteen Thousand Only
22	Supply of Transformer Oil conforming to IS 335/1983 for topping up of oil for Transformer during filtration of Oil and for replacement of Oil for the Transformers. (Second Year)	50	Litres	125.00	6250.00	INR Six Thousand Two Hundred & Fifty Only

Signature
A. J. M. A.

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1	2	4	5	13	53	55
23	Testing of Distribution Transformer of following rating 11 / 0.433 KV /c testing of Insulation resistance, Magnetising current, winding resistance with micro-Ohm meter and Magnetic balance, etc., as required. (Second Year)	2	Each	4000.00	8000.00	INR Eight Thousand Only
24	Annual Maintenance Contract of Fire Hydrant System consisting of Jockey/ Electrical/ Diesel pumps with associated Electro Mechanical Installations at Fire Pump house of ATS Complex, carrying out regular monthly checks required, attending breakdowns as and when required, carrying out B checks for Engines excluding supply of B check spares and other spares as required	12	Month	2000.00	24000.00	INR Twenty Four Thousand Only
25	Maintenance of Intelligent Addressable Type Fire Alarm System [FAS] including all Associated Accessories such as microprocessor based panel, smoke detectors, notifiers & MCP etc. installed at following locations of all including Repairs and Maintenance, attending Faults of Systems, Replacement of Defective Components with AAI Supplied New Components, ensuring 100% Serviceability/Satisfactory Working Condition of FAS, Routine and General Preventive Maintenance on Monthly/Quarterly/Half yearly/Yearly Basis as per Standard Manufacturers' Practices, Break-Down Maintenance, Maintenance of Records/Service Reports and Reporting as and when required, complete Up-keeping of the Installations [FAS], as specified and as directed by Engineer-In-Charge as required.					
25.1	ATC cum Fire station Honeywell make, 2 loop panel	12.00	Month	3000.00	36000.00	INR Thirty Six Thousand Only
25.2	Terminal Building 1 loop panel	12.00	Month	1500.00	18000.00	INR Eighteen Thousand Only

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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	54
26	Locating the Cable fault on LT feeder cables laid directly in ground/ duct/ pipe including providing Cable Fault Tracer (Rental) etc., as required.	5	Each	7000.00	35000.00	INR Thirty Five Thousand Only
27	Providing illumination with standard coloured serial lamps sets for one day on different occasions (Containing minimum 20 Nos of lamps per set) on the City side of Terminal building and ATC Tower cum Technical block cum Fire station building and trees as directed by the Engineer-In- Charge.	10000	Set	15.00	150000.00	INR One Lakh Fifty Thousand Only
28	Providing illumination with multicolour LED colour wash flood light for one day on different occasions with required cables and all accessories to illuminate the fascia of the buildings as directed by the Engineer -In-Charge	100	Each	200.00	20000.00	INR Twenty Thousand Only
29	Spraying Painting of Power Supply Installations with two coats of synthetic enamel paint of approved shade, quality and brand i/c scrapping and cleaning, providing putty wherever required, inscription etc., as required.	250	Sq. Mtr	150.00	37500.00	INR Thirty Seven Thousand Five Hundred Only
30	Carrying out the works for items covered in Delhi Schedule of Rates (DSR Electrical) 2018 published by CPWD as per CPWD specifications as required for an amount of Rs. 100000 /- (Note:- For guidance refer, "Guidance to tenderer" section of tender document.)	1	Job	85000.00	85000.00	INR Eighty Five Thousand Only
31	Supply of following sizes FR-LSH PVC insulated copper conductor cable (unsheathed), 1100 volt conforming to IS 694 of approved make and different colour etc as required. (90 Mtr length of each Roll)					
31.1	Single core, 1.5 Sqmm Wire	270	Mtr	15.00	4050.00	INR Four Thousand Five Hundred Only
31.2	Single core, 2.5 Sqmm Wire	180	Mtr	24.00	4320.00	INR Four Thousand Three Hundred & Twenty Only


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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
31.3	Single core, 4 Sqmm Wire	90	Mtr	36.00	3240.00	INR Three Thousand Two Hundred & Forty Only
32	Supply of Flat 3 core 4.0 sq.mm PVC insulated & PVC Sheathed industrial copper cable for submersible pump motors 1100V conforming to IS 694 with upto date ammendments.	100.00	Mtr	120.00	12000.00	INR Twelve Thousand Only
33	Supply of following 3 Core PVC insulated and FR PVC round sheathed copper conductor (Flexible) industrial cable, 1100V conforming to IS:694, etc as required.					
33.1	3Cx1.5 Sqmm	100.00	Mtr	50.00	5000.00	INR Five Thousand Only
33.2	3x2.5 Sqmm	100.00	Mtr	79.00	7900.00	INR Seven Thousand Nine Hundred Only
33.3	3Cx4 Sqmm	100.00	Mtr	120.00	12000.00	INR Twelve Thousand Only
34	Supply of following size & 1.1 kV grade, XLPE insulated and PVC sheathed aluminium conductor armoured Power cable conforming to IS:7098 (Part 1) with up to date ammendments.					
34.1	3.5X 35 sqmm	100.00	Mtr	150.00	15000.00	INR Fifteen Thousand Only
34.2	3.5X 185 sqmm	100.00	Mtr	400.00	40000.00	INR Forty Thousand Only
34.3	3.5X 400 sqmm	100.00	Mtr	1000.00	100000.00	INR One Lakh Only
34.4	4X 10 sqmm	100.00	Mtr	80.00	8000.00	INR Eight Thousand Only
34.5	4X 25 sqmm	100.00	Mtr	150.00	15000.00	INR Fifteen Thousand Only
35	Supply of following size PVC casing capping as reqd.					
35.1	Casing capping (32mm) Patti	20.00	Mtr	55.00	1100.00	INR One Thousand One Hundred Only
35.2	Casing capping (25mm) Patti	20.00	Mtr	45.00	900.00	INR Nine Hundred Only
35.3	Casing capping (20mm) Patti	30.00	Mtr	40.00	1200.00	INR One Thousand Two Hundred Only

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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	54
36	Supply & Fixing of uPVC trunking including coupler, elbow, tee, internal bend & external bend etc. complete as required of following size (in mm)					
36.1	100 (width) x 50 (height)	100.00	Mtr	486.00	48600.00	INR Forty Eight Thousand Six Hundred Only
36.2	150 (width) x 50 (height)	100.00	Mtr	943.00	94300.00	INR Ninety Four Thousand Three Hundred Only
37	Supply of 1200mm sweep, double ball bearing ceiling fan suitable to operate on 240 volt , 50 Hz AC supply.	5	Each	1725.00	8625.00	INR Eight Thousand Six Hundred & Twenty Five Only
38	Supply of 400mm sweep, wall fan suitable to operate on 240 volt , 50 Hz AC supply.	15	Each	2000.00	30000.00	INR Thirty Thousand Only
39	Supply of 300mm sweep, 900RPM, heavy duty exhaust fan suitable to operate on 240V, 50Hz, AC supply complete etc.as required.	3	Each	2587.00	7761.00	INR Seven Thousand Seven Hundred & Sixty One Only
40	Supply of open well submersible pump (Horizontal Openwell Submersible Pump) 3HP, Head range 12-28mtr,discharge range 8.8-3.1 LPS, Suction 65mm, Delivery 50mm, Impeller -Cast Iron, Motor Body -Cast Iron. Delivery Casing - Cast Iron, Shaft -Stainless Steel, winding copper,having IP 68 protection suitable for operation on three phase 440 V, 50Hz power supply. (make: kirloskar KOS-325 or its equivalent)	1	Each	20000.00	20000.00	INR Twenty Thousand Only
41	Supply of open well submersible pump (Horizontal Openwell Submersible Pump) 7.5HP, Head range 12-24mtr,discharge range 27-14 LPS, Suction 100mm, Delivery 100mm, Impeller -Cast Iron, Motor Body -Cast Iron. Delivery Casing - Cast Iron, Shaft -Stainless Steel, winding copper, having IP 68 protection suitable for operation on three phase 440 V, 50Hz power supply.	1	Each	27500.00	27500.00	INR Twenty Seven Thousand Five hundred 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
42	Supply of Single phase DOL starter for 1 HP submersible pump suitable for operation on 220V, 50Hz AC power supply.	1	Each	1500.00	1500.00	INR One Thousand Five Hundred Only
43	Supply of Three phase DOL starter for 4 HP submersible pump with single phase protection, suitable for operation on 440V, 50Hz AC power supply.	1	Each	1700.00	1700.00	INR One Thousand Seven Hundred Only
44	Supply of Piano type switch/socket/Plug Top of following type and rating suitable to operate on 240V AC Supply.					
44.01	6A, 3PIN, Piano type Socket	10	Each	45.00	450.00	INR Four Hundred & Fifty Only
44.02	6/10A, 3 PIN, Modular type Socket	15	Each	125.00	1875.00	INR One Thousand Eight Hundred & Seventy Five Only
44.03	10A/20A, 6 PIN, Modular type Socket	15	Each	150.00	2250.00	INR Two Thousand Two Hundred & Fifty Only
44.04	6A, 1WAY, Piano type Switch	10	Each	25.00	250.00	INR Two Hundred & Fifty Only
44.05	6/10A, 1WAY, Modular type Switch	15	Each	125.00	1875.00	INR One Thousand Eight Hundred & Seventy Five Only
44.06	16/20A, 1WAY, Modular type Switch	20	Each	125.00	2500.00	INR Two Thousand Five Hundred Only
44.07	5/6A Plug top	10	Each	35.00	350.00	INR Three Hundred & Fifty Only
44.08	15/16A, Plug top	5	Each	75.00	375.00	INR Three Hundred & Seventy Five Only
44.09	RJ11 Telephone Single Jack with shutter	5	Each	40.00	200.00	INR Two Hundred Only
44.1	TV Socket Single Outlet	5	Each	40.00	200.00	INR Two Hundred Only
44.11	RJ45 Computer Socket Cat 6	5	Each	50.00	250.00	INR Two Hundred & Fifty Only
44.12	Step type fan regulator, 240V/50Hz	10	Each	270.00	2700.00	INR Two Thousand Seven Hundred Only
45	Supply of following type of switchgears suitable to operate on 220/440 volt 50 Hz AC supply etc. as required.					
45.1	6-32A, SP, 10KA, MCB, C SERIES	20	Each	110.00	2200.00	INR Two Thousand Two Hundred Only
45.2	20A, SPN, 10KA, MCB, C SERIES	10	Each	350.00	3500.00	INR Three Thousand Five Hundred Only

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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	54
45.3	32A, TPN, 10KA, MCB, C SERIES	10	Each	750.00	7500.00	INR Seven Thousand Five Hundred Only
45.4	40A, TPN, 10KA, MCB, C SERIES	10	Each	1050.00	10500.00	INR Ten Thousand Five Hundred Only
45.5	63A, TPN, 10KA, MCB, C SERIES	10	Each	1100.00	11000.00	INR Eleven Thousand Only
45.6	40A, FP, MCB	5	Each	1100.00	5500.00	INR Five Thousand Five Hundred Only
45.7	63A, FP, MCB	5	Each	1250.00	6250.00	INR Six Thousand Two Hundred & Fifty Only
46	Supply of complete indication lamp assembly with integrated LED of following colours.					
46.1	Red/Yellow/Green	15.00	Each	100.00	1500.00	INR One Thousand Five Hundred Only
46.2	Blue	15.00	Each	175.00	2625.00	INR Two Thousand Six Hundred & Twenty Five Only
47	Supply of following 3 phase 4 wire meters having accuracy class 1.0 with inbuilt selector switch for 3 phase meters suitable for input voltage range 50-520V AC (Peak to Peak) suitable for installation in existing panel					
47.1	Digital Voltmeter (Similar to L&T Cat WL132010)	5.00	Each	1800.00	9000.00	INR Nine Thousand Only
47.2	Digital Ammeter (Similar to L&T Cat WL131010)	5.00	Each	1800.00	9000.00	INR Nine Thousand Only
47.3	Single phase Energy Meter (5-30A) with Box	5.00	Each	2000.00	10000.00	INR Ten Thousand Only
48	Supply of 12V, 180 AH maintenance free battery having quick recharge facility with leak resistant design, provision of magic eye ready to use condition suitable for direct installation at the site.	2	Each	17500.00	35000.00	INR Thirty Five Thousand Only


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NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
SI 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
45	Supply of minimum 36W recess mounting LED fixture size 2'x2' having minimum 100 lumens/watt, life of LED 50000 burning hours, IP 20, THD<10%, CRI min 80, pf 0.9 made out of extruded Aluminium/CRCA/Standard Alloy housing, prewired fixture complete with all accessories suitable for armstrong grid ceiling and operation on 240V/50Hz AC supply etc. as required.	15	Each	1600.00	24000.00	INR Twenty Four Thousand Only
50	Supply of minimum 20W LED batten, having minimum 100 lumens/watt, life of LED 50000 burning hours, IP 20, THD<10%, CRI min 80, pf 0.9 made out of extruded Aluminium/CRCA/Standard Alloy housing, prewired fixture complete with all accessories suitable for operation on 240V/50Hz AC supply etc. as required.	25	Each	230.00	5750.00	INR Five Thousand Seven Hundred & Fifty Only
51	Supply of minimum 9W recessed LED Round Downlighter, having minimum 100 lumens/watt, life of LED 50000 burning hours, IP 20, THD<10%, CRI min 80, pf 0.9 made out of extruded Aluminium/CRCA/Standard Alloy housing, prewired fixture complete with all accessories suitable for operation on 240V/50Hz AC supply etc. as required.	5	Each	410.00	2050.00	INR Two Thousand & Fifty Only
52	Supply of minimum 80W LED highbay flood light, having minimum 110 lumens/watt, life of LED 50000 burning hours, IP 66, THD<10%, CRI min 70, pf 0.9 made out of high pressure die-cast Aluminium housing, prewired fixture complete with all accessories suitable for operation on 240V/50Hz AC supply etc. as required.	5	Each	4500.00	22500.00	INR Twenty Two Thousand Five Hundred Only


 A. M. (2021)

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	55	55
53	Supply of minimum 25W LED Streetlight Illuminaire ,having minimum 110 lumens/watt, life of LED 50000 burning hours, IP 66, THD<10%, CRI min 70, pf 0.9 made out of high pressure die-cast Aluminium housing, prewired fixture complete with all accessories suitable for operation on 240V/50Hz AC supply etc. as required.	5	Each	1150.00	5750.00	INR Five Thousand Seven Hundred & Fifty Only
54	Supply of minimum 6W Surface mounted LED Square Downlighter,having minimum 100 lumens/watt, life of LED 50000 burning hours, IP 20, THD<10%, CRI min 80, pf 0.9 made out of extruded Aluminium/CRCA/Standard Alloy housing, prewired fixture complete with all accessories suitable for operation on 240V/50Hz AC supply etc. as required.	5	Each	350.00	1750.00	INR One Thousand Seven Hundred & Fifty Only
55	Supply of 200W, 6.6 Amp. Bi-pin Halogen lamp suitable for AMA make PAPI fitting complete with all accessories(Osram Cat No. 64386 or equivalent).	30	Each	370.00	11100.00	INR Eleven Thousand One Hundred Only
56	Supply of Bi pin Lamp Holder suitable for AMA make PAPI Lamp.	30	Each	200.00	6000.00	INR Six Thousand Only
57	Supply of membrane (4040) suitable for 250 LPH RO plant installed at Diu Airport (Make - DOW or equivalent)	1	Each	15000.00	15000.00	INR Fifteen Thousand Only
58	Supply of Filter (Candle Jumbo) suitable for 250 LPH RO plant installed at Diu Airport	24	Each	450.00	10800.00	INR Ten Thousand Eight Hundred Only
59	Supply of dosing Chemical suitable for 250 LPH RO plant installed at Diu Airport	30	Litres	500.00	15000.00	INR Fifteen Thousand Only
Total in Figures					7581566.00	INR Seventy Five Lakh Eighty One Thousand Five Hundred & Sixty Six Only
Quoted Rate in Words		INR Seventy Five Lakh Eighty One Thousand Five Hundred & Sixty Six Only				


 15/04/2021
 च. शि. शेवारे / C. S. SHEVARE
 सहायक महाप्रबंधक (अभि.-वि.) / Asstt. General Manager (E-E)
 भारतीय विमानपत्तन प्राधिकरण, क्षेत्रीय मुख्यालय, प. के.
 Airports Authority of India, RHQ, WR
 मुंबई / Mumbai - 400 099.

Signature Not Verified

Digitally signed by CHANDRASHEKHAR SHIVAJI SHEVARE
 Date: 2021.05.25 13:20:25 IST
 Location: eProcurement System for Central PSUs