



रजिस्टर्ड ए.डी. दवारा/By Regd. A.D.

सं.सं. भाविप्रा/भोपाल/उप महाप्रबंधक(अभि.-वि.)/का.आ.-10/Capital/2024-25/1286(1-3)/334(1-3) दिनांक: 08.11.2024

Ref. No: AAI/BPL/DGM(E-E)/WO-10/Capital/2024-25/1286(1-3)/334(1-3) Dt. 08.11.2024

सेवा में,

मेसर्स आदित्य टेक्नो प्रोडक्ट्स प्रा.लि.,
फ्लैट नं.102(भू-तल), प्लॉट नं.123,
सेक्टर-6 वैशाली, गाज़ियाबाद, उ.प्र.- 201010
ई-मेल: info@adityatechno.in,

M/s Aditya Techno Products Pvt.Ltd.,
Flat No. 102(Ground Floor), Plot No. 123
Sector-6 Vaishali, Ghaziabad,
U.P.- 201010
E-mail: info@adityatechno.in

विषय :- “राजा भोज विमानतल, भोपाल में नए फायर स्टेशन का निर्माण। उपशीर्ष: पॉवर सप्लाय, फायर अलार्म सिस्टम और संबद्ध कार्यों का प्रावधान।”

Subject: “Construction of New Fire Station at R.B. Airport, Bhopal. SH: Provision of Power Supply, Fire Alarm System and allied works.”

संदर्भ : 1) दिनांक 14.10.2024 को खोली गई आपकी ई-निविदा

Ref.: 1) Your e-tender opened on dated 14.10.2024

महोदय/Dear Sir,

- उल्लेखित कार्य हेतु आपकी ई-निविदा में आपके द्वारा उद्धृत कुल **रु. 44,96,831/-** (रु. चवालीस लाख छियानवे हजार आठ सौ इकतीस मात्र) जी.एस.टी. रहित की नियत मद दर पर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से एतद् द्वारा स्वीकृत की जाती है, जो कि ई-निविदा की न्यायसंगत राशि **रु. 63,76,926/-** (रु. तिरसठ लाख छिहत्तर हजार नौ सौ छब्बीस मात्र) जी.एस.टी. रहित से **29.48 % 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. 44,96,831/- (Rupees Forty Four Lakh Ninety Six Thousand Eight Hundred Thirty One Only) Excl. GST** which is **29.48% below** the Justified cost put to E-Tender of **Rs. 63,76,926/- (Rupees Sixty Three Lakh Seventy Six Thousand Nine Hundred Twenty Six Only) Excl. GST.**
- 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 **02.12.2024** तक उप महाप्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, भोपाल विमानपत्तन के कार्यालय में उपस्थित हों। संविदा करार **रु 500/- (पांच सौ रुपये)** के न्यायिकेतर (नॉन - ज्युडिशियल) स्टॉप पेपर पर बनाया जायगा तथा स्टॉप पेपर की लागत आपके द्वारा वहन की जाएगी।
Dy. General 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. General Manager (Engg.-Elect.), Airports Authority of India, Raja Bhoj Airport, Bhopal by **02.12.2024** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs. 500/- (Rupees Five Hundred Only)** and the cost of the stamp paper shall be borne by you.

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3. कृपया इस पत्र के जारी होने के 10 दिनों के अंदर प्रतिभूति जमा के रूप में रु. **4,49,683/-** (रु. चार लाख उनचास हजार छह सौ तेरासी मात्र) की राशि इस कार्यालय में जमा करा दें अन्यथा करारनामों की संविदा की सामान्य शर्त के पृष्ठ संख्या - 15 पर दी गई शर्त 1ए के अनुसार उक्त राशि आपके बिल से काट ली जाएगी।

Please deposit Rs. **4,49,683/- (Rupees Four Lakh Forty Nine Thousand Six Hundred Eighty Three 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 1A on page 15 of the contract document.

4. आपसे अनुरोध है कि आप टेका श्रमिक (विनियम एवं उन्मूलन) अधिनियम 1970 के उपबंधों एवं टेका 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 टेका 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) सौंपने 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 करें की कार्य पूरा करने के लिए आपको **6 (छः) माह** का समय प्रदान किया जाता है। यह समय **18.11.2024** से माना जायगा।

Please note that the time allowed for carrying out the work shall be **6 (Six) Months** and same shall be reckoned from **18.11.2024**.

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. General 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.

संलग्नक /Enclosure: 1. BOQ (total 12 Pages)

भवदीय / Yours Faithfully

(प्रमोद कुमार ठाकरे / Pramod Kumar Thakre)

उप महाप्रबंधक (अभि.-विद्युत)

Dy. General 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

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Item Rate BoQ

Tender Inviting Authority: SM(E-E), AAI, R.B. Airport, Bhopal

Name of Work: Construction of New Fire station at R.B. Airport, Bhopal. SH: Provision of power supply, fire alarm system and allied works.

Contract No: AAI/BPL/ENGG(E)/NIT-08/2024-25

Name of the Bidder/
Bidding Firm /
Company : ADITYA TECHNO PRODUCTS PVT LTD

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 #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder (Without GST) Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words	TEXT #	NUMBER #	NUMBER #	TEXT #
1	2	4	5	13	53	55				
1.00	Supply of Following Size. XLPE insulated, PVC sheathed Al. conductor armoured power cable of 1.1 KV grade conforming to IS:7098 Part-I with upto date amendment etc. complete as required. 3.5 core x 240 sq.mm.	840.00	Meter	2280.00	1915200.00	INR Nineteen Lakh Fifteen Thousand Two Hundred Only				
2.00	Supply 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. in the existing trench, complete as required. 120 mm dia (OD-120 mm & ID-103 mm nominal)	720.00	Meter	55.00	39600.00	INR Thirty Nine Thousand Six Hundred Only				
3.00	Providing and Fixing of 100 mm dia (medium class) G. I. pipes i/c digging work of 0.5 meter depth & 0.3 meter width for the road crossing & filling the surface with 1:3:6 PCC of 1 foot width and 4 inches deep complete as required.	60.00	Meter	200.00	12000.00	INR Twelve Thousand Only				
4.00	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/PVC pipe as required. Above 185 sq. mm and upto 400 sq. mm	780.00	Meter	50.00	39000.00	INR Thirty Nine Thousand Only				

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1	2	4	5	13	53	55
5.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required. Above 185 sq. mm and upto 400 sq. mm	20.00	Meter	50.00	1000.00	INR One Thousand Only
6.00	Laying and fixing of one number PVC insulated and PVC sheathed XLPE power cable of 1.1 KV grade of following size on cable tray/surface etc as required. Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	40.00	Meter	55.00	2200.00	INR Two Thousand Two Hundred Only
7.00	Supplying and making end termination with brass compression gland and aluminum lugs for following size of XLPE insulated and PVC sheathed aluminum conductor cable of 1.1 KV grade as required. 3.5 core x 240 Sq.mm (62 mm)	4.00	Set	350.00	1400.00	INR One Thousand Four Hundred Only
8.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 3 x 6 sq. mm	50.00	Meter	90.00	4500.00	INR Four Thousand Five Hundred Only
9.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 2 X 10 sq. mm + 1 X 6 sq. mm earth wire	50.00	Meter	119.00	5950.00	INR Five Thousand Nine Hundred & Fifty Only
10.00	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 + 1% in both the case. UPS will withstand 10% overload for minimum 3 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.	2.00	Job	8000.00	16000.00	INR Sixteen Thousand Only

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1	2	4	5	13	53	55
11.00	Totally type tested & Design varified Assembly as per IEC 614369 Part 1 & 2 Supply, Installation, Testing & Commissioning of Electrical LT Panel cubicle type as per 61439-1 & 61439-2, made out of 2 mm thick CRCA sheet and 3 mm thick gland plate, 100x100 x3 mm suitable MS channels frame in the bottom/ legs for grouting in foundation etc totally enclosed IP 42, free standing, floor mounting, dust and vermin proof, indoor, compartmentalised with concealed hinged lockable doors, suitable for operation on 3 phase, 415 V, 50Hz AC system with TPN busbars including internal control wiring with minimum 2.5 sqmm size FRLS PVC insulated flexible wires/cable, interconnection, duly powder coated painting etc. as per technical specifications including following switchgears, metering instruments and accessories in the Panel as per the approved drawing.					
11.01	INCOMER 2 No- 250A, 36KA, 4 pole MCCB (Ics = Icu= 100%) with thermal magnetic release Make- L&T Cat no: DU-250 or Equivalent approved make					
11.02	BUSCOUPLER 1 No- 250A, 36KA, 4 pole MCCB (Ics = Icu= 100%) having thermal magnetic release with electrical & mechanical interlocking with both incomers Make- L&T Cat no: DU-250 or Equivalent approved make					
11.03	Busbar 1 Set of 250 Amp(Minimum) TPN busbars of high conductivity electrolytic grade aluminium with heat shrinkable colour sleeves & DMC/SMC supports					
11.04	Outgoing 10 nos -63A, 18KA, 4 pole MCCB with thermal magnetic release DU-100D (Make-L&T or Equivalent approved make).					
11.05	10nos -100A, 18 KA, 4 pole MCCB with thermal magnetic release DU-100D (Make-L&T Equivalent approved make).					
11.06	Other Accessories 2 nos:- Digital multifunction LED type VAF+PF meter with RS-485 communication port of suitable range with suitable CTs for 3 phase 4 wire operation with selector switch.					

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NUMBER #	Sl. No.	TEXT # Item Description	NUMBER # Quantity	TEXT # Units	NUMBER # BASIC RATE In Figures To be entered by the Bidder (Without GST) Rs. P	NUMBER # TOTAL AMOUNT in Rs. P	TEXT # TOTAL AMOUNT In Words
1		2					
11.07		20 nos-LED type indicating lamps for 'ON' (Red) with 2 Amp control MCB	4	5	13	53	55
11.08		08 nos -ON , OFF and Trip LED type indicator for incommers & ON and OFF LED type indicator for buscoupler MCCB's with 2 Amp control MCB					
11.09		06 nos: -LED type Indicating Lamp for phase indication with 2Amp control MCB					
11.10		23 Sets: (1 set for each MCCB) -Extended Rotary operating mechanism as required.					
11.11		Internal connections, industrial connectors , control circuit protections, electrical & mechanical interlocking between incommers & bus coupler, 40x6 mm AL common Earth & any other accessories etc as required.	1.00	Job	181000.00	181000.00	INR One Lakh Eighty One Thousand Only
12.00		Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia (Drilling of 300 mm dia, 4.5 Mtr deep by using Borewell machine) including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (with charcoal/ coke and salt) as required.	8.00	Set	2480.00	19840.00	INR Nineteen Thousand Eight Hundred & Forty Only
13.00		Supplying and laying 25 mm X 5 mm G.I strip at 0.50 meter below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Joining shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50 mm)	80.00	Meter	78.00	6240.00	INR Six Thousand Two Hundred & Forty Only
14.00		Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	40.00	Meter	115.00	4600.00	INR Four Thousand Six Hundred Only
15.00		Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, copper tube, having single prong at top, with 85 mm dia 3 mm thick copper base plate including holes etc. complete as required.	3.00	Each	900.00	2700.00	INR Two Thousand Seven Hundred Only
16.00		Fixing of lightning conductor finial (single prong) with base plate including holes etc. complete as required.	3.00	Each	150.00	450.00	INR Four Hundred & Fifty Only

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1	2	4	5	13	53	55
17.00	Joining copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting / nut bolting/ sweating and soldering etc as required.	3.00	Each	75.00	225.00	INR Two Hundred & Twenty Five Only
18.00	Fixing of copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	250.00	Meter	185.00	46250.00	INR Forty Six Thousand Two Hundred & Fifty Only
19.00	Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	50.00	Meter	185.00	9250.00	INR Nine Thousand Two Hundred & Fifty Only
20.00	Earthing with copper earth plate 600 mm X 600 mm X 3 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.	3.00	Set	8500.00	25500.00	INR Twenty Five Thousand Five Hundred Only
21.00	Providing and fixing 25 mm X 5 mm copper 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	30.00	Meter	250.00	7500.00	INR Seven Thousand Five Hundred Only
22.00	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	15.00	Meter	220.00	3300.00	INR Three Thousand Three Hundred Only
23.00	Supply & installation single dome LED type Aviation Obstruction light suitable to operate on 1ph, 230 V, 50Hz power supply including suitable arrangement for installation on the highest location of the building Make/Model:- Bajaj/ BGAV 302 LED OR Equv. Approved	2.00	Each	2500.00	5000.00	INR Five Thousand Only
24.00	Supply of 250 mm sweep heavy duty non metallic exhaust fan suitable for operation on 240V, 50Hz A.C. supply, 1400 rpm with all accessories including louvers, shutters etc. complete as required.	3.00	Each	1308.00	3924.00	INR Three Thousand Nine Hundred & Twenty Four Only
25.00	Supply of wall mounted fan, 400 mm sweep suitable for operation on 240V, 50Hz A.C. supply with pull code control operations and high speed motor etc. complete as required.	25.00	Each	2096.00	52400.00	INR Fifty Two Thousand Four Hundred Only

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1	2	4	5	13	53	55
26.00	Supply, Installation, Testing and Commissioning of self standing storage type water cooler of storage capacity 80 Liter and cooling capacity 60 liter/Hr. with full stainless steel body & storage tank, ecofriendly refrigerant R134 A, 01 no. of cold water outlet, 01 no. of normal water outlet, Thermostat to control temperature automatically, 850watt, suitable for operation on 230 V, 50 Hz single phase AC supply. PF>0.85, along with Hermetic type compressor with over load protection, condenser fan, conform to IS:1475 (latest), Cooler to be provide with the limit switch to control the level of water in storage tank and switches ON/OFF, with supplying and fixing water purifier 20" sediment filter, 20" activated carbon filter, copper-zinc filtration and UV lamp of 8 watt (02 nos.) at last point purification system for bacteriological disinfection accordingly to provide cool water continually without over flow and inbuilt safety features etc; complete etc. as required. Make - Eureka Forbes limited or equivalent.	2.00	Job	14200.00	28400.00	INR Twenty Eight Thousand Four Hundred Only
27.00	SITC of Hand Dryer with automatic ON-OFF mode by getting ON through electronic infrared detection sensor when hand approaches and switches ofwith predetermined timing,duty of continuous repeat use,sound level not more than 74 db protection level IP 23 effective air flow 61-98 m 3/hour/1017-1634/min protrusion 100mm from the wall ,indoor wall mounting by integral formed bracket, provided with sheathed 3 core flexi cable 1 mtr. length .3 pin 15 A starderd plug top suitable for 240 v single phase ,50A AC supply.	2.00	Each	2900.00	5800.00	INR Five Thousand Eight Hundred Only
28.00	Supply of LED highbay light luminaire of minimum 120 system wattage (approx) having LED light output minimum 12000 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 ± 10 %, 50 Hz AC supply with all accessories complete as required & as per specifications.	18.00	Each	10500.00	189000.00	INR One Lakh Eighty Nine Thousand Only
29.00	Supply of LED street light luminaire of minimum 60 system wattage (approx) having LED light output minimum 6600 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 ± 10 %, 50 Hz AC supply with all accessories complete as required & as per specifications. (for 6 mtr. pole)	50.00	Each	4000.00	200000.00	INR Two Lakh Only

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1	2	4	5	13	53	55
30.00	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	820.00	Meter	170.00	139400.00	INR One Lakh Thirty Nine Thousand Four Hundred Only
31.00	Supply of cables armoured 1.1 KV grade copper conductor XLPE insulated PVC sheathed as per IS 7098 as amended upto date as per site requirement: 4 core 16 Sq.mm	150.00	Meter	841.00	126150.00	INR One Lakh Twenty Six Thousand One Hundred & Fifty Only
32.00	Supply of GI pipes of 65 mm dia, ISI marked, medium class sizes as per site requirement	30.00	Meter	1000.00	30000.00	INR Thirty Thousand Only
33.00	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. 65 mm dia. GI pipe.	30.00	Meter	50.00	1500.00	INR One Thousand Five Hundred Only
34.00	Supply 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. 63 mm dia (OD-63 mm & ID-51 mm nominal)	770.00	Meter	150.00	115500.00	INR One Lakh Fifteen Thousand Five Hundred Only
35.00	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)	770.00	Meter	30.00	23100.00	INR Twenty Three Thousand One Hundred Only
36.00	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 Sq.mm	800.00	Meter	20.00	16000.00	INR Sixteen Thousand Only

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1	2	4	5	13	53	55
37.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required Upto 35 Sq.mm	20.00	Meter	20.00	400.00	INR Four Hundred Only
38.00	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. Upto 35 sq. mm (clamped with 1mm thick saddle)	140.00	Meter	30.50	4270.00	INR Four Thousand Two Hundred & Seventy Only
39.00	Supplying and making end termination with aluminium lugs for 4 X 16 sq. mm size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 grade as required (excluding gland).	96.00	Set	93.00	8928.00	INR Eight Thousand Nine Hundred & Twenty Eight Only
40.00	Supplying and making end termination with brass compression gland and copper lugs for 4 X 16 sq. mm (28mm) size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required.	10.00	Set	204.00	2040.00	INR Two Thousand & Forty Only
41.00	Supply and installation of High Hot dip galvanised 6 Mtr octagonal pole made of 3mm thick HT Sheet with Top dia 70mm A/f (min) & bottom dia 130 mm (min), base plate 220x220x12mm, weatherproof reinforced door opening suitable for inbuilt MCB, Mica sheet (275x75x4mm) and Stud Terminal. It's includes single arm 1.0 Mtr long customised bracket with suitable degree tilting angle as per site requirement made of 40mm dia and 4Nos J-Type M-20X600mm long 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.	30.00	Each	6500.00	195000.00	INR One Lakh Ninety Five Thousand Only
42.00	Erection of metallic pole of following length in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) RCC foundation of size 0.45 X 0.45 X 1.2 Metre Cube with proper size of foundation bolts including excavation, refilling and fixing of bracket etc. as required. Upto 6 Meter	30.00	Each	1500.00	45000.00	INR Forty Five Thousand Only

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1	2	4	5	13	53	55
43.00	ITC of Light fitting on street light pole bracket including wiring with 3C X 1.5sqmm flexible FR PVC copper cable including connection, fixing of 6-32A SP MCB C series with connectors & DIN rail etc complete as required.	30.00	Each	250.00	7500.00	INR Seven Thousand Five Hundred Only
44.00	Installations, testing, commissioning of street light luminaire complete with all accessories on 40 mm dia (M class) GI bracket of 1.5 mtr long complete with 2 nos. 25 mm X 3mm M.S. flat iron clamps, bolts and nuts including drilling holes for steel fastener, including connection with 1.5 sq. mm mm FRLS PVC insulated, copper conductor, single core cable and earthing complete etc as required.	20.00	Each	480.00	9600.00	INR Nine Thousand Six Hundred Only
45.00	Cement concrete work with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) for foundations/repairs/ making good the damages as per site requirement, directions of E-I-C	5.00	Cum	4300.00	21500.00	INR Twenty One Thousand Five Hundred Only
46.00	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.	770.00	Meter	15.00	11550.00	INR Eleven Thousand Five Hundred & Fifty Only
47.00	Supply, Installation, Testing & Commissioning of Microprocessor based 2 Loop main fire alarm control panel fully networkable with each loop capable of taking 199 devices, 8 line x 20 character alpha-numeric liquid crystal display. The panel shall be soft addressable type with in-built programmer key pad . The panel shall be able to give pin point location of all fire/fault conditions. The panel shall be capable to automatically switch off respective control switches when ever any alarm is triggered. The panel shall have in built rectifier, Loop cards, provision for internal & external printer(if required), L C D unit to indicate Fire/Fault Signal with address and analog output, complete in all respects, integral SMF lead acid batteries with sealed cells of 24 V capable of running for a minimum of 24 hours with integral battery charger complete in normal conditions and 30 minutes in alarm condition as required and as per specification. (Make: Honeywell or approved make)	1.00	Each	25800.00	25800.00	INR Twenty Five Thousand Eight Hundred Only

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1	48.00	2 Supply installation testing and commissioning of UL Listed/ EN54 listed, Vds approved analog addressable intelligent automatic adaptable to varying environment conditions, multicriteria Photo +heat detector advanced decentralize intelligence,CPU failure mode,alarm & operating data memory with inbuilt fault isolator complete with base, self adhesive sticker indicating loop number and address etc. to be installed under/above false ceiling, roof and concealed space, etc. interconnecting to loop cable complete as required.	4	5	13	53	55
			130.00	Each	1250.00	162500.00	INR One Lakh Sixty Two Thousand Five Hundred Only
	49.00	Supply, installation testing and commissioning of UL Listed/ EN54 listed, Vds approved soft addressable type manual call point 1 stage (break glass type) with in built LED lighting up automatically to confirm its actuation complete as per specification as required.	4.00	Each	1250.00	5000.00	INR Five Thousand Only
	50.00	Supply, Installation, Testing & Commissioning of UL Listed/ EN54 listed, Vds approved Addressable Loop powered hooter with strobe (85 dba) complete as required.	4.00	Each	1550.00	6200.00	INR Six Thousand Two Hundred Only
	51.00	Supply, Installation,Testing & Commissioning of UL Listed/ EN54 listed, Vds approved Addressable transponder/ Control Modules programmable required for tripping , pressurisation fans, Exhaust fans etc. This shall include all accessories like power supply, relays etc complete as required.	17.00	Each	1550.00	26350.00	INR Twenty Six Thousand Three Hundred & Fifty Only
	52.00	Supply, installation, testing and commissioning of Response Indicators outside the rooms for getting fire indications of detectors installed above false ceiling area interconnecting to loop cable complete as required.	24.00	Each	75.00	1800.00	INR One Thousand Eight Hundred Only
	53.00	Supply of centrifugal end suction pumpset, suitable for 415 V, 50 Hz, 3 Phase AC power supply with IE3 foot mounted motor 9.3 kW/ 12.5 HP / 6pole, min efficiency required 82 %, suction x discharge size : 200 x 150 mm, duty point 3350 LPM x 3 minute 10050.00 ltr. MoC : casing - C.I. impeller Bronze& shaft seal : mechanical seal, pump make : Kirloskar or equivalent, Motor make : CG/BBL/ABB/Kirloskar/Havells/ LHP complete etc. as required.	2.00	Each	225007.00	450014.00	INR Four Lakh Fifty Thousand &Fourteen Only

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1	2	4	5	13	53	55
54.00	ITC of 9.3 kW/ 12.5 HP centrifugal end suction pumpset suitable for 415 V, 50 Hz, 3 Phase AC power supply with M.S.fabricated common base plate, coupling, coupling guard, foundation bolts etc. and Suitable cement concrete foundation duly plastered and with anti vibration pads. as per the requirement of OEM complete etc. as required.	2.00	Each	500.00	1000.00	INR One Thousand Only
55.00	Supply and fixing of 200 mm dia of 5.0 mm thickness GI pipe, including bend, Tee, Flanges etc. for the suction of water from UG sump through pump complete etc. as required as per site requirement and upto the satisfaction of E-I-C.	20.00	Meter	1500.00	30000.00	INR Thirty Thousand Only
56.00	Supply and fixing of 150 mm dia medium class GI pipe, including bend, Tee, flanges etc. for the discharge of water from UG sump through pump complete etc. as required as per site requirement and upto the satisfaction of E-I-C.	20.00	Meter	1150.00	23000.00	INR Twenty Three Thousand Only
57.00	Supply and fixing of 200 mm dia foot valve, for the suction of water from UG sump complete etc. as required as per site requirement and upto the satisfaction of E-I-C.	2.00	Each	6500.00	13000.00	INR Thirteen Thousand Only
58.00	Supply and fixing of pressure guage for monitoring pressure near the Pump at suitable location complete etc. as required as per site requirement and upto the satisfaction of E-I-C.	2.00	Each	600.00	1200.00	INR One Thousand Two Hundred Only
59.00	Supply and fixing of 150 mm dia C. I. NRV at the discharge side of water supply line at suitable location complete etc. as required as per site requirement and upto the satisfaction of E-I-C.	2.00	Each	4500.00	9000.00	INR Nine Thousand Only
60.00	Supply and fixing of 150 mm dia C. I. sluice valve at the discharge side of water supply line at suitable location complete etc. as required as per site requirement and upto the satisfaction of E-I-C.	2.00	Each	6700.00	13400.00	INR Thirteen Thousand Four Hundred Only
61.00	S.I.T.C. of common enclosure outdoor type control panel with two starter, ammeter, voltmeter, single phase preventer, on/off switch as per the requirement of OEM of 9.3 kW/ 12.5 HP centrifugal end suction pumpset suitable for 415 V, 50 Hz, 3 Phase AC power supply complete etc. as required.	1.00	Each	12500.00	12500.00	INR Twelve Thousand Five Hundred Only

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1	2	4	5	13	53	55
62.00	Supply of 3 core x 6 Sqmm flat submersible PVC insulated PVC sheathed industrial copper cable, voltage grade 1100 V, conforming to IS:694 suitable for submersible pump motor complete etc as required.	100.00	Meter	450.00	45000.00	INR Forty Five Thousand Only
63.00	Supply of 1.1 kW/1.5 HP, openwell submersible motor pumpset suitable for 220/230 V, 50 Hz, single Phase AC power supply to discharge of 300-700 LPM at the head of 8 to 22 mtr with suction x delivery : 65 x 40 mm, MoC casing : CI, impeller : CI/Noryl, shaft : SS of Make: KIRLOSKAR model no. KOSI-1.522 or equivalent.	2.00	Each	35000.00	70000.00	INR Seventy Thousand Only
64.00	ITC of 1.1 kW/1.5 HP, openwell submersible motor pumpset suitable for 220/230 V, 50 Hz, single Phase AC power supply complete etc. as required.	2.00	Each	500.00	1000.00	INR One Thousand Only
65.00	S.I.T.C. of control panel for openwell submersible motor pumpset with contactor, ammeter, voltmeter, single phase preventer, dry run protection, on/off switch as per the requirement of OEM of 1.1 kW/1.5 HP, openwell submersible motor pumpset suitable for 220/230 V, 50 Hz, single Phase AC power supply complete etc. as required.	2.00	Each	3200.00	6400.00	INR Six Thousand Four Hundred Only
66.00	Supply of 3 core x 2.5 Sqmm flat PVC insulated PVC sheathed industrial copper cable, voltage grade 1100 V, conforming to IS:694 suitable for submersible pump motor complete etc as required.	50.00	meter	160.00	8000.00	INR Eight Thousand Only
Total in Figures					4496831.00	INR Forty Four Lakh Ninety Six Thousand Eight Hundred & Thirty One Only
Quoted Rate in Words		INR Forty Four Lakh Ninety Six Thousand Eight Hundred & Thirty One Only				



उप महाप्रबंधक (अभि.-विद्युत)
Dy. General Manager (Engg.-Elect.)