



भारतीयविमानपत्तनप्राधिकरण

AIRPORTS AUTHORITY OF INDIA

VSI AIRPORT, PORT BLAIR



सं: भा.वि.प्रा./पोब/इंजीनियरिंग(ई)/ झंडा मस्तूल /डबल्यु.ओ/2023-24

दिनांक 24/11/2023

No. AAI/PB/Engg (E)/ Flag Mast/W.O/2023-24

Date: 24.11.2023

सेवा मे/ To,

बीआर पावर नियंत्रण एवं स्वचालन सेवाएँ,

63, सेक्टर-4 (आर) फरीदाबाद

हरियाणा - 121 004,

ईमेल आईडी: brpowercontrol@yahoo.com

फोन नंबर 8586979407

✓ M/s. BR Power Control & Automation Services,

63, Sector-4 (R) Faridabad

Haryana - 121 004,

Email Id: brpowercontrol@yahoo.com

Phone No. 8586979407

काय का नाम: 30.5 मीटर का प्रावधान। वीएसआई हवाई अड्डे, पोर्ट ब्लेयर में एनआईटीबी और अन्य विविध कार्यों के लिए ध्वज मस्तूल।

Name of Work: Provision of 30.5 Mtr. Flag Mast for NITB & other miscellaneous works at VSI Airport, Port Blair.

संदर्भ: आपकी ई-बोली संख्या 630146 (निविदा आईडी संख्या 2023_एएआई_170801_1) 09.11.2023 को खुली

Reference: Your e-bid No. 630146 (Tender ID No. 2023_AAI_170801_1) open on 09.11.2023

महोदय/Sir,

1. उपर्युक्त कार्य के लिए आपका ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर कुल रु. 49,00,954.00 जीएसटी को छोड़कर (रुपए उनचास लाख नौ सौ चौवन मात्र), जो कि निविदा की अनुमानित लागत रु. 55,08,532/- से 11.02% कम है।

Your e-tender for the above mentioned work is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to Rs. 49,00,954.00 excluding GST (Rupees Forty Nine Lacs Nine Hundred Fifty Four Only), which is 11.02% Below the estimated cost of tender Rs.55,08,532/-.

2. उप. महाप्रबंधक (इंजीनियरिंग-इलेक्ट), पोर्ट ब्लेयर हवाई अड्डे कार्य के प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपने मान्यता प्राप्त प्रतिनिधि को, जो आपकी ओर से अनुबंध समझौते पर हस्ताक्षर करने के लिए अधिकृत हो, उप कार्यालय में उपस्थित होने के लिए नियुक्त करें। महाप्रबंधक (इंजीनियरिंग-इलेक्ट), पोर्ट ब्लेयर हवाई अड्डे को 11.12.2023 तक समझौते पर हस्ताक्षर करने और पूरा करने के लिए। अनुबंध अनुबंध रुपये के मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा। 100/- और इसका खर्च आपको वहन करना होगा।

Dy. General Manager (Engg.-Elect), Port Blair Airport shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative,

empowered to sign the contract agreement on your behalf to attend the office of the **Dy. General Manager (Engg.-Elect), Port Blair Airport by 11.12.2023** 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 same shall be borne by you.

3. कृपया रुपये जमा करें. इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा जमा के रूप में 4,90,095.00 (केवल चार लाख नब्बे हजार नब्बे फ़ाइल), ऐसा न करने पर, अनुबंध दस्तावेज़ के पृष्ठ 131 पर जीसीसी खंड 1 ए के अनुसार आपके चल रहे बिलों से कटौती की जाएगी।

Please deposit Rs. 4,90,095.00 (Four Lakhs Ninety Thousand Ninety File only) towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per GCC clause 1A on page 131 of the contract document.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम और केंद्र और राज्य सरकारों के नियमों के प्रावधानों का अनुपालन करें।

You are requested to comply with the provisions of contract labour (Regulation and Abolition) Act of 1970 and contract labour (Regulation and Abolition) Central Rules 1971 and Minimum Wages Act and Rules there of Central and State Governments.

5. आपको सहायक से संपर्क करने का निर्देश दिया जाता है। महाप्रबंधक (इंजीनियरिंग-इलेक्ट), एएआई, पोर्ट ब्लेयर तुरंत, जो आपको साइट सौंपने की व्यवस्था करेंगे।

You are directed to contact Asstt. General Manager (Engg.-Elect), AAI, Port Blair immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि कार्य को पूरा करने के लिए अनुमत समय 06 (छह) महीने होगा, और इसकी गणना इस पत्र के जारी होने के 10वें दिन से की जाएगी।

Please note that the time allowed for carrying out the work shall be 06 (Six) Months, and same shall be reckoned from the 10th day from issue of this letter.

7. अनुबंध के संबंध में कोई भी आगे का पत्राचार सामान्यतः उप को संबोधित किया जाना चाहिए। महाप्रबंधक (इंजीनियरिंग-इलेक्ट), भारतीय विमानपत्तन प्राधिकरण, वी.एस.आई. एयरपोर्ट पोर्ट ब्लेयर - 744103।

Any further correspondence in connection with the contract should normally be addressed to the Dy. General Manager (Engg.-Elect), Airports Authority of India, V.S.I. Airport Port Blair - 744 103.

8. अनुबंध दस्तावेज़ के एससीसी पृष्ठ -11 में उल्लिखित दोष दायित्व अवधि 12 महीने है।

The defect liability period mentioned in SCC page -11 of the contract document is 12 months.



9. कृपया रसीद स्वीकार करें और इसके साथ संलग्न इस पत्र की डुप्लिकेट प्रति हस्ताक्षर करने के बाद स्वीकृति के प्रतीक के रूप में अधोहस्ताक्षरी को लौटा 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.

धन्यवाद/ Thanking you,

भवदीय/ Yours faithfully,

संलग्न: काम की अनुसूची

Enclose: Schedule of Work



(पॉल इवांस जी) / (Paul Evans G)

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

कृते तथा की ओर से अध्यक्ष, भा.वि.प्रा./ For and on behalf of Chairman, AAI

भाविप्रा, पोर्ट ब्लेयर विमानपत्तन/ AAI, Port Blair Airport

Tender Inviting Authority: The Assistant General Manager (Engg-Elect), AAI, VSI Airport, Port Blair.

Name of Work: Provision of 30.5 Mtr. Flag Mast for NITB & other miscellaneous works at VSI Airport, Port Blair

Tender ID: 2023_AAI_170801_1

Name of the Bidder/ Bidding Firm / Company :	M/s BR power Control and automation Services						
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 #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
1	Design,Supply, Installation, Testing and Commissioning of 30.5M height 20 sided polygon flag mast in three sections, hot dip galvanized and suitable to withstand 248 KMPH wind velocity and as per IS 875 along with Special Type Dome with the help of suitable equipments along with assembly of operating system and Flag. The shaft shall be PU painted with a coating of each primer and PU paint. The work consists of 1.Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates. 2. Providing system for raising and lowering of Flag. It shall have double drum winch, 6 mm dia stainless steel wire rope and integral power tool motor for raising and lowering of Flag, including Supply & installation of one National Flag of size 20 ftX30 ft. in 100 % knitted polyester (140 gsm), with reinforced super strong nylon webbing on all 3 sides and rope/toggle sleeve suitable for fixing on 30.5 meter flag mast as per site condition. 3. SITC of 2 Nos of LED type Aviation Obstruction light including supply and laying 3C x 2.5 Sq.mm size copper armoured cable from mast base to fitting. 4.Provision of lightning finial. 5.Construction of design based cement concret foundation with M30 grade concrete & Fe-500 grade reinforcement for the flagmast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 metre depth with all materials and labour and soil investigation.	item1	1	Job	1145484.00	1145484.00	INR Eleven Lakh Forty Five Thousand Four Hundred & Eighty Four Only
2	Supply of National Flag of size 20 ftX30 ft. in 100 % knitted polyester (140 gsm), with reinforced super strong nylon webbing on all 3 sides and rope/toggle sleeve suitable for fixing on 30.5 meter flag mast as per site condition.	item2	20	Each	25844.00	516880.00	INR Five Lakh Sixteen Thousand Eight Hundred & Eighty Only
3	Design,Supply & erection of 5Mtr high hot dip galvanised octagonal pole suitable to mount one no. LED flood light fitting at top along with foundation bolts manufactured from special steel, nuts, washers etc. including supply and fixing of one number 350W LED floodlight luminaries including supply and laying 3 core X 2.5 sq mm copper power cable from Connector inside pole to luminaire , providing connections etc. as required including foundation. (Fitting model Bajaj BNEP 20FL 350 W LED or equivalent)	item3	4	Job	59500.00	238000.00	INR Two Lakh Thirty Eight Thousand Only
4	SITC of 3 KVA online UPS system of following capacity with 230 V, 50 Hz, single phase input and 230 V, 50 Hz, single phase output along with SMF batteries to provide 30 minutes back up time,cabling b/w UPS & Battery, DC 2POLE Breaker for battery protection etc as per specifications and as required.	item4	1	Each	58310.00	58310.00	INR Fifty Eight Thousand Three Hundred & Ten Only

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
5	Supply of 350 W ±5% energy efficient Flood Light LED luminaire with minimum system lumen output of 35000 lm, PF>0.95, CRI>70, CCT - 5700K ± 500K, IP 66 protected, die-cast aluminium housing with heat resistant diffuser and MS powder coated bracket suitable to operate on 240 V, 50 Hz AC complete as required suitable for Apron High Mast.	item5	35	Nos.	15650.00	547750.00	INR Five Lakh Forty Seven Thousand Seven Hundred & Fifty Only
6	Supply of 18 watt low intensity twin type aviation obstruction lamp conforming to ICAO standards suitable to for 230 VAC +/- 15% with super bright red LED approximate 300 nos per lamp etc, as required suitable for Apron High Mast. Ip rating shall be IP 65 as per IS 12947 of model GLN 704 in Crompton or similar in other approved makes.	item6	3	Nos.	8850.00	26550.00	INR Twenty Six Thousand Five Hundred & Fifty Only
7	Design, Fabrication, Supply, Installation, Testing and Commissioning of totally enclosed double door cubical type top sloped outdoor control panel suitable for 415 V, 3 Phase, 4 Wire 50 Hz AC supply system conforming & tested design as per IEC 61439-1 & 2 IS 7096 of suitable size made out of 14 SWG CRCA sheet steel totally enclosed, weather, dust, vermin proof, IP-54 protection, complete with accessories, Selector switch for Auto/Manual Operations, Push Button for Raise & Lower, terminal blocks for termination of cables with top/bottom entry as per site conditions, locking arrangement, painting, etc. with required size auxiliary bus bars/ insulated conductors/ flexible strips, metering instruments and allied accessories etc. and control wiring with 2.5 Sq.mm. FRLS PVC insulated copper conductor cable including the following minimum accessories as per technical specifications and drawing as approved by engineer-in-charge. The feeder pillar has to be supplied with suitable pedestal (600MM Height, 300MM from foundation level) MS angle iron frame of MS channel base for grouting in the PCC including all civil works like excavation, PCC, brick work pedestal, plastering, refilling etc and proper gland plate at the bottom. The bottom base channel shall be of MS section of minimum 100 mm x 50 mm x 5 mm thick, i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade. The operating handle of the highest unit shall be at a height not more than 1.7 mt. Overall height of the board shall not exceed 2.3 metre. Cubicle for housing 3KVA UPS with battery for 60 minutes back up time, cubicle shall have exhaust fan fitted to ventilation duct with lovers at the end with 6A MCB for control. Incomer: 63 Amps, 4 Pole MCCB, 25 kA breaking capacity, Ics = 100% Icu with inbuilt Overcurrent, Short circuit & Earth fault Protection with variable current & time delay setting, Instantaneous protection, with microprocessor based release suitable rated Cast Resin CTs of Class I accuracy of required burden and Digital Multifunction Meter of Class 1.0, LED Phase Indication Lamps, ON/OFF/TRIP LED indication lamp along with control MCBs as backup protection, panel mounted rotary handle, Spreader Terminals etc. as required. Busbar: One Set of FP Aluminium Bus Bars of minimum of 100 A Capacity with heat shrinkable coloured sleeves and i/c DMC/SMC bus bar cross section supports & their spacing etc. for meeting fault level of 25 KA for 1 Sec with adequate size aluminium busbar for interconnection of incomer and outgoing switchgears and 20x3mm copper earth strip etc, as required. Outgoing: for UPS 32 Amps 2 Pole MCB-1 Nos 25 Amps 2 Pole MCB-1 Nos For Lights 25 Amps 2 Pole MCB-1 Nos 25 Amps 2 Pole power Contactor - 1 No 16 Amps, SP MCB - 2 Nos 24 HR Setting Timer to operate above contactor on Auto mode and Selector switch for Auto/Manual Operations for motor 10 Amps 3 Pole Rocker type Motor protection Circuit breaker - 1 No Illuminated Push Button (Raise & Lower) - 2 Nos 9 Amps 3 Pole power Contactor - 2 Nos Spare 32 Amps 4 Pole MCB-1 Nos 6 Amps, single Pole MCB - 1 No All above MCB shall be 10KA C-Curve type.	item7	1	Job	127400.00	127400.00	INR One Lakh Twenty Seven Thousand Four Hundred Only



NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
8	Design,Supply, installation, testing & commissioning of totally enclosed double door cubical type top sloped outdoor LT Feeder Pillar suitable for 415 V, 3 Phase, 4 Wire 50 Hz AC supply system conforming & tested design as per IEC 61439-1 & 2/IS 7098 & with IP-54 protection. (i) The Feeder Pillar shall be compartmentalized type having space and arrangement for incoming & outgoing; cable , switchgear, insulated and properly supported TPN bus bars, DMC/ SMC supports, joint shrouds, cable alleys, support and terminations/connectors, inter-connection between bus bars and switchgear with required size auxiliary bus bars/ insulated conductors/ flexible strips, metering instruments and allied accessories etc. and control wiring with 2.5 Sq.mm. FRLS PVC insulated copper conductor cable (ii) The Feeder Pillar shall be fabricated out of CRCA sheet not less than 2.0 mm thick for load bearing members and 1.6 mm for doors & 3 mm thick for gland plates, it shall have double door and inbuilt locking arrangement. The framework may be MS Angle Iron/ Channel/ Bolted type construction. The feeder pillar has to be supplied with suitable pedestal (600MM Height,300MM from foundation level)MS angle iron frame of MS channel base for grouting in the PCC including all civil works like excavation, PCC, brick work pedestal, plastering, refilling etc.The bottom base channel shall be of MS section of minimum 100 mm x 50 mm x 5 mm thick, i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade.The operating handle of the highest unit shall be at a height not more than 1.7 mt. Overall height of the board shall not exceed 2.3 metre. The Feeder Pillar shall have TPN aluminium alloy bus bars of high conductivity with continuous current carrying capacity of maximum 130A/ sq.cm, DMC/ SMC bus bar supports, with short circuit withstand capacity of 50KA for 1 Sec The entire panel shall have a common copper earth bar of size 20 mm x 3 mm at the rear with 2 Nos. earth stud, and control wiring with 2.5 sq. mm. PVC insulated copper conductor S/C cable, cable alleys, cable gland plates in two half, i/c providing following switch gears, metering Two Incomers with mechanical interlocking Two Incomers each with 250A, 36 KA, Four Pole MCCB (Ics=Icu) with inbuilt Overcurrent, Short circuit & Earth fault Protection with variable current & time delay setting, Instantaneous protection, with Microprocessor Based Releases and provided with separate suitable rated Cast Resin CTs of Class I accuracy of required burden and Digital Multifunction Meter of Class 1.0, LED Phase Indication Lamps, ON/OFF/TRIP LED indication lamp alongwith 2 Amps control MCBs as backup protection,panel mounted rotary handle,Spreader Terminals etc. as required. BuscouplerOne Nos. 250A, 36 KA, Four Pole MCCB (Ics=Icu) with inbuilt Overcurrent, Short circuit & Earth fault Protection with variable current & time delay setting, Instantaneous protection, with Microprocessor Based Releases,panel mounted rotary handle,Spreader Terminals etc. as required. Busbar: One Set of FP Aluminium Bus Bars of minimum of 400 A Capacity with heat shrinkable coloured sleeves and i/c DMC/SMC bus bar cross section supports & their spacing etc. for meeting fault level of 50 KA for 1 Sec with adequate size aluminium busbar for interconnection of incomer and outgoing switchgears and 20x3mm coper earth strip etc, as required. Outgoing:- 160 A, 36 KA, Four Pole MCCB (Ics=Icu) - Two Nos. 100 A, 25 KA, Four Pole MCCB (Ics=Icu) - Two Nos. 63 A, 25 KA, Four Pole MCCB (Ics=Icu) - four Nos. above MCCB's with inbuilt Overcurrent, Short circuit & Earth fault Protection with variable current & time delay setting, Instantaneous protection, with microprocessor based release and provided with suitable rating Class I Cast Resin CTs with Class 1.0 digital Multifunction Meter, ON/OFF/TRIP LED indication lamp along with control MCBs as per Standrad practice etc. as required.	item8	1	Job	395000.00	395000.00	INR Three Lakh Ninety Five Thousand Only
9	Supply of aluminium conductor XLPE insulated, PVC sheathed, armoured power cable of 1.1 KV grade conforming to IS-7098 Part 1(1988) amended up to date.						
9.1	3.5 Core x 300 sqmm	item9	500	Mtr	1211.00	605500.00	INR Six Lakh Five Thousand Five Hundred Only
9.2	4 Core X 16 Sq mm	item10	200	Mtr	160.00	32000.00	INR Thirty Two Thousand Only
10	Supply of copper conductor XLPE insulated, PVC sheathed, armoured power cable of 1.1 KV grade conforming to IS-7098 Part 1(1988) amended up to date.						
10.1	4 Core X 2.5 Sq mm	item11	100	Mtr	225.00	22500.00	INR Twenty Two Thousand Five Hundred Only
11	Supplying and laying of nominal dia in mm 63 OD/ 50 ID, ISI certified (IS 14930 Part 2 amended up to date) HDPE DWC pipe complete with all accessories 75 cm below ground level including excavation and refilling complete as required	item12	60	Mtr	490.00	29400.00	INR Twenty Nine Thousand Four Hundred Only
12	Supplying and laying of nominal dia 160 mm wall thickness (17.8 to 19.7), ISI certified (IS 4984) HDPE pipe complete with all accessories 75 cm below ground level including excavation and refilling complete as required	item13	800	Mtr	825.00	660000.00	INR Six Lakh Sixty Thousand Only
13	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/trays etc. as required.						

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
13.1	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	item14	120	Mtr	190.00	22800.00	INR Twenty Two Thousand Eight Hundred Only
14	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.						
14.1	Upto 35 sq. mm	item15	200	Mtr	65.00	13000.00	INR Thirteen Thousand Only
14.2	Above 185 sq. mm and upto 400 sq. mm	item16	800	Mtr	177.00	141600.00	INR One Lakh Forty One Thousand Six Hundred Only
15	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.						
15.1	Upto 35 sq. mm	item17	100	Mtr	115.00	11500.00	INR Eleven Thousand Five Hundred Only
15.2	Above 185 sq. mm and upto 400 sq. mm	item18	100	Mtr	177.00	17700.00	INR Seventeen Thousand Seven Hundred Only
16	Supplying and making end termination with brass double compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.						
16.1	3.5 Core x 300 sqmm	item19	4	Set	4500.00	18000.00	INR Eighteen Thousand Only
16.2	4 Core X 16 Sq mm	item20	2	Set	770.00	1540.00	INR One Thousand Five Hundred & Forty Only
17	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having watering pipe etc. with charcoal/ coke and salt as required	item21	3	Job	14000.00	42000.00	INR Forty Two Thousand Only
18	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground /on surface or in recess as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required including excavation and refilling	item22	40	Mtr	256.00	10240.00	INR Ten Thousand Two Hundred & Forty Only
19	Providing and laying 6 SWG dia G.I. Wire at 0.50 metre below ground/in existing pipe/surface/recess etc for earth connection from earth electrode/looping & making end termination using lugs etc as required.including excavation and refilling	item23	500	Mtr	110.00	55000.00	INR Fifty Five Thousand Only
20	Constructing masonry chamber 60x60x60cm inside with hollow concrete blocks in cement mortar 1:5 (1 cement : 5 fine sand) for cable crossing with RCC top slab (100mm thick) 1:2:4 mix (1cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), necessary excavation, foundation concrete 1:5:10 mix (1 cement : 5 fine sand:10 grades stone aggregate 40mm nominal size), and inside plastering with cement mortar 1:3 (1cement : 3 coarse sand), 12mm thick finished with a floating coat of neat cement complete as per standard design.	item24	2	Job	17700.00	35400.00	INR Thirty Five Thousand Four Hundred Only
21	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required 3½ X 300 sq. mm	item25	2	Job	15800.00	31600.00	INR Thirty One Thousand Six Hundred Only

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
22	SITC of IP 65, polycarbonate distribution board with hinged transparent lids for 415 V, 3 Phase, 4 Wire 50 Hz AC supply system as per IEC 61439-2 with installation of 50x6mm Aluminium busbars(RYBN) with minimum spacing of 26mm b/w Phase to body/earth & 32mm b/w Phase to phase on DMC/ SMC supports mounted on DIN rails/ mounting plates. Installation depths extendable by using lids of different heights or extension frames; Flange with cable arrangement space knockouts with fixing wedges and seal as required for termination of two 3½ X 300 sq. mm cable distribution board shall be mounted on MS angle iron frame of MS channel base of minimum 75 mm x 50 mm x 5 mm thick for grouting in the PCC including all civil works like excavation, PCC, brick work pedestal, plastering, refilling etc.Top bus bar shall be at a height of 1.7 mt. from foundation. Make: Hensel Mi or Equivalent	item26	2	Job	18500.00	37000.00	INR Thirty Seven Thousand Only
23	Providing and fixing 250A, 50 KA, Four Pole MCCB (lcs=lcu) with inbuilt Overcurrent, Short circuit & Earth fault Protection with variable current & time delay setting, Instantaneous protection, with Microprocessor Based Releases,panel mounted rotary handle,Spreader Terminals in existing cubicle panel board including drilling holes/ cutting cubicle panel,arranging & fixing Al auxilliary bus bars RYBN (Rating 1.5 times the MCCB rating)for connecting MCCB, making connections,retrofitting with suitable rating Class I Cast Resin CTs with Class 1.0 digital Multifunction Meter, ON/OFF/TRIP LED indication lamp along with control MCBs as per Strandard practice, control wiring with 2.5 sqmm copper wiring etc. as required.	item27	4	Job	14700.00	58800.00	INR Fifty Eight Thousand Eight Hundred Only
Total in Figures						4900954.00	INR Forty Nine Lakh Nine Hundred & Fifty Four Only
Quoted Rate in Words	INR Forty Nine Lakh Nine Hundred & Fifty Four Only						

[Signature]
24/11/2023
DGM (E-E)