



भारतीयविमानपत्तनप्राधिकरण
AIRPORTS AUTHORITY OF INDIA
VSI AIRPORT, PORT BLAIR



सं: भा.वि.प्रा./पोब/इंजीनियरिंग(ई)/33 केवी/डबल्यू.ओ-12/2023-24
 No. AAI/PB/Engg (E)/ 33KV/W.O-12 /2023-24

दिनांक 08/02/2024
 Date: 08.02.2024

सेवा मे/ To,

के बी कॉन्ट्रैक्ट (पी) लिमिटेड,
 311 जैना टावर-2, जिला. केंद्र,
 जनक पुरी, नई दिल्ली - 110 058,
 ईमेल आईडी: kbcontractspvtltd@gmail.com
 फ़ोन नंबर 011-25515014

M/s. K B Contract (P) Ltd,
 311 Jaina Tower-2, Dist. Centre,
 Janak Puri, New Delhi - 110 058,
 Email Id: kbcontractspvtltd@gmail.com
 Phone No. 011-25515014

काय का नाम: आरएमयू से आउटडोर पैनल तक 33 केवी एचटी केबल के प्रावधान सहित 33 केवी आउटडोर एचटी पैनल का विस्तार।

एसएच: वीएसआई हवाई अड्डे, पोर्ट ब्लेयर पर स्टैंडबाय 33 केवी वीसीबी पैनल और एचटी केबल का प्रावधान।

Name of Work: Augmentation of 33 KV Outdoor HT Panel including Provision of 33 KV HT Cable from RMU to Outdoor Panel.

SH: Provision of Standby 33 KV VCB Panel & HT Cable at VSI Airport, Port Blair.

संदर्भ: आपकी ई-बोली संख्या 654209 (निविदा आईडी संख्या 2023_एआई_176236_1) 12.01.2024 और 01.02.2024 को खोला गया।

Reference: Your e-bid No. 654209 (Tender ID No. 2023_AAI_176236_1) opened on 12.01.2024 and 01.02.2024.

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. 41,60,750.00 जीएसटी को छोड़कर (इकतालीस लाख साठ हजार सात सौ पचास रुपये मात्र), जो निविदा की अनुमानित लागत रुपये से 3.88% अधिक है। 40,05,493/- (जीएसटी को छोड़कर)।

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. 41,60,750.00 excluding GST (Rupees Forty One Lacs Sixty Thousand Seven Hundred Fifty Only), which is 3.88% above the estimated cost of tender Rs. 40,05,493/- (excluding GST.)

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 02.03.2024 तक समझौते पर हस्ताक्षर करने और

पूरा करने के लिए। अनुबंध अनुबंध रुपये के मूल्य के गैर-न्यायिक स्टॉप 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 **02.03.2024** 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 4,16,075.00 (केवल चार लाख सोलह हजार पचहत्तर रुपये), ऐसा न करने पर, निविदा दस्तावेज़ के पृष्ठ 17 पर जीसीसी खंड 1 ए के अनुसार आपके चल रहे बिलों से कटौती की जाएगी।

Please deposit Rs. 4,16,075.00 (Four Lakhs Sixteen Thousand Seventy Five only) towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per GCC clause 1A on page 17 of the tender 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 की विशेष शर्त के पैरा 17 में उल्लिखित दोष दायित्व अवधि निविदा दस्तावेज सौंपने की तारीख से 12 महीने हैं

The defect liability period mentioned in Para 17 of Special Condition of Contract the tender document is **12 months** from the date of handing over.

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

Encl. : 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

Validate

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Help

Item Rate BoQ

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

Name of Work: Name of Work: Augmentation of 33 KV Outdoor HT Panel including Provision of 33 KV HT Cable from RMU to Outdoor Panel.

SH: Provision of Stand By 33 KV VCB Panel & HT Cable at VSI Airport, Port Blair.

Tender ID: 2023_AAI_176236_1

Name of the
Bidder/ Bidding
Firm / Company
:

K B CONTRACT (P) 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 #	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 (Excluding GST) in Rs. P	TOTAL AMOUNT In Words (Excluding GST)
1	2	3	4	5	7	8	10
1	Provision of 1 NO 33KV VCB Panel as incomer as retrofit to the Existing outdoor VCB panel Supply, Installation, Testing & Commissioning of outdoor type (IP 54) floor mounted metal clad, 33 kV Switch Board VCB panel with 01 Nos. VCBs, totally enclosed & fully interlocked, truck mounting, horizontal draw out, horizontal isolation type vacuum breaker as per IS13118 / IEC 62271-100 (2007) for breakers & 200 (2003), for panels/IS3427 as amended up to date, having capacities as mentioned below, free standing extensible on both sides, single break, trip free mechanism, motorised charged and auto / manually closing breaker suitable for use on 33 KV, 3 Phase, 50Hz A.C. supply with short circuit fault level of 1500 MVA, complete with self contained short time current 26.3 kA for 3 sec, Internal Arc Test for AFLR 26.3 kA for 1 sec at individual compartments i.e busbar, VCB, and cable compartment, rack in and rack out mechanism, air insulated but encapsulated copper bus bars capacity meeting fault level current, breaker featured with mechanical ON / OFF indicator with hand trip device, Breaker control TNC switch and all accessories such as shunt trip coil, and auxiliary switch of NO + NC (as per requirement but minimum 4 nos for each switch), motorised and manually operated spring assisted closing mechanism, emergency trip push button, interconnections, space heaters, earthing, etc. and equipped with following switchgears and accessories, connections suitable for cable upto 3C x 300 sqmm XLPE cable of 33 KV grade (cable entry from bottom), Separate earthing switch shall be provided for Cable earthing and Bus Bar earthing. The earthing switch / Earth trolley shall be so designed that it is impossible to earth a live. cable terminations suitable for 3C x 300 sq.mm. XLPE 33 kV cable.						
1.1	This job includes foundation for Additional VCB panel and PCC platform of suitable thickness for HT isolator panel yard as per direction of Engineer in-charge. Necessary Modification to the existing HT panel Platform also need to be considered by the contractor nothing extra will be paid against any civil Works for Installation of HT Panel. Further the successful tenderer shall extend the Covered shed with painted GI roofing sheet 0.8 mm thick, horizontal & vertical supports with Medium guage painted GI Pipes of dia 50mm&100mm including foundation as per the extension of VCB panel with out any additional cost to AAI. The Foundation, Platform & roof shall be an extension to the existing structure. The quoted price for item No.1 shall be inclusive of all such works mentioned above i.e construction of Cement Concrete platform for the extension of VCB panel, required modifications to existing panel and extension of existing roofing of sufficient length and width as per site requirement etc.						

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1	2	3	4	5	7	8	10
1.2	INCOMER (Each Incomer consists of following). 1 No - 1250 Amp ,33 KV VCB, 3 Phase, 50Hz (Model:Schneider EVO PACT HVX-O-362612W254)) 1 set - LED indication lamp for RYB Breaker, ON- OFF- TRIP, Trip Circuit healthy, Spring Charged, DC Supply Healthy fails etc. 1 No - Multifunction Meter with accuracy class 0.5 LED display of I,V, Hz, Active, Reactive, Apparent Power & Energy, Power factor, %THD, Maximum demand, with RS 485 / Ethernet port and protection MCB and required accessories to complete the system 1 set - 33 kV/110 Volts PT Class 0.5 accuracy and 100 VA burden with 1 No. VAF (0- 36 kV), digital type, and protection HRC fuse for HT metering upto 36kV on incomer. 1 Nos - Dual core CTs for each phase 100A /5 of 15 VA burden (7.5 VA for each core) and accuracy Class-0.5 for metering and class 5P10 for protection. 1 set of each relays- Aux. relays for Anti Pumping & indication,Trip Circuit supervision relay ,Master Trip Circuit Relay 1 Nos. of over current & short circuit 51, 51N & one earth fault element with numerical IDMT relay with Over & under voltage, Over & under frequency, shunt trip on 24volts DC, on RS 485 modbus/ Ethernet port communication consisting over current and earth fault with last 20 trip history, 1 set- Earth Switch / Earthing Trolley for busbar & Cables respectively BUSBAR 1250 amps TP,36 KV copper Bus bar with heat shrinkable insulated sleeves with cast epoxy insulator to withstand full short circuit currents upto 26.3 kA for 1 second.Including providing & extending the existing busbars & auxiliary busbars for retrofitting the new breaker cubicle with the existing panel. Providing & Extending earth bus bar with 50 mm X 5 mm copper strip inside the panel Interlock and control wiring including supplying and laying of 2.5sqmm copper conductor multicore control cable as required for extending DC/AC supply, indication,metering, safety tripping & for providing electrical & mechanical interlocking b/w the incomers,Including providing mechanical interlock in existing incomer						
1.3	Breaker cubicle shall have the following Accessories Indoor Surge Arrestor 30KV RMS,10KA Peak shall be provided on each phase inside the panel 60 watts space heater with thermostat wiring to all the control/indication/protection elements shall be backed by appropriate rated MCB's as per standard practice. SITC of SMPS with required battery backup as per tender technical specification for control supply item1 includes Items in S.No 1,1.1, 1.2 &1.3 as above	item1	1	No.	1250000.00	1250000.00	INR Twelve Lakh Fifty Thousand Only
2	Supply of 3 Core 300 Sq.mm sizes of XLPE insulated PVC sheathed aluminium conductor armoured power cable of 33 kV grade (33 kV- earthed) conforming to IS: 7098 (Part-II) amended upto date.	item2	300	Meter	3800.00	1140000.00	INR Eleven Lakh Forty Thousand Only
3	Laying of one number XLPE power cable of 33 KV grade of following size in the existing masonry open duct as required.Above 120 sq. mm and upto 400 sq. mm	item3	50	Meter	100.00	5000.00	INR Five Thousand Only
4	Laying of one number XLPE power cable of 33 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. This work includes clearing of blockage if any for the Hume pipes already laid by other vendor s. (Cable size Above 120 sq. mm and upto 400 sq. mm)	item4	130	Meter	200.00	26000.00	INR Twenty Six Thousand Only
5	Supplying and making cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 33 KV grade as required 3 Core 300 Sq.mm. (Indoor type) Note:- Onside of the HT Cable need to be terminated to the Compact RMU with Compact VCB supplied and installed by State Electricity Department. Hence the HT Termination kit shall be as per the suitbale model and make and need to be executed with proper coordination with state electricity department.	item5	2	Set	24000.00	48000.00	INR Forty Eight Thousand Only
6	Providing, laying and fixing following dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar 1:2 (1 cement : 2 fine sand) including trenching (125 cm deep) and refilling etc as required.- 250 mm dia	item6	150	Meter	2500.00	375000.00	INR Three Lakh Seventy Five Thousand Only

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1	2	3	4	5	7	8	10
7	Earthing with copper earth plate 600mm x 600mm x 3.0mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal and salt complete as required.	item7	3	Set	27000.00	81000.00	INR Eighty One Thousand Only
8	Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required.	item8	20	Meter	2700.00	54000.00	INR Fifty Four Thousand Only
9	Constructing masonry Chamber Constructing masonry Chamber 2m x 2m x1.5m inside, in precast cement concrete solid block made from 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) in cement mortar 1:4 (1 cement : 4 coarse sand) including necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) of thickness 250 mm, and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design. Necessary partition in the middle of the chamber may be constructed for proper support to the Chamber covers	item9	11	Each	50000.00	550000.00	INR Five Lakh Fifty Thousand Only
10	Providing and placing RCC Rectangular Covers on chambers Providing and placing in position 150 mm thick, factory made machine batched & machine mixed Precast RCC Rectangular Covers on chambers of various sizes of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways, neat cement punning on finished surface, 2 Nos. 12 mm dia bar for hooks etc. i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge. Slab Size:- 1.2 mtr x 2.4mtr (The RCC Chamber cover may be precasted at factory or casted at site as per requirement)	item10	22	Each	15000.00	330000.00	INR Three Lakh Thirty Thousand Only
11	This work includes dismantling of the existing chain link fencing for installation of HT Panel and re installation of the same by extension of Chain link Fencing as per the site requirement including Providing & fixing G.I. chain link fabric fencing for HT Isolator Panel for the extended gap portion of the HT yard for making the fencing complete. Providing and fixing G.I. chain link fabric fencing of size 2mx6m & overall height of 2 mtr for HT Isolator Panel in mesh size 50x50 mm made of G.I. wire of dia. 4 mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade including strengthening with 2 mm dia wire or nuts, bolts and washers as required in angle iron post & strut of size 65x65x5mm including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete as per the direction of Engineer-in-charge. The angle iron posts at middle/centre of each face shall be bedded in cement concrete blocks 45x45x 60 cm of mix 1:2:4 (1 cement:2 fine sand : 4 graded stone aggregate 40 mm nominal size) which shall be erected on a cement concrete base of 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)of thickness 10 cm, and the angle iron posts at corner shall be strutted on both sides with struts embedded in cement concrete blocks of size 70x45x50 cm of the same mix as for centre/middle posts with synthetic enamel paint complete as required. The cost of excavation, concreting, installation and painting is included in the scope of work.	item11	1	Job	95000.00	95000.00	INR Ninety Five Thousand Only
12	Supply of following height self supported aluminium alloy "A" type ladders with Main Extrusion made up of Aluminium alloy 'C' Section 66 x 32 x 3 mm thickness of HE 30 grade T6 temper, front and back both side provided with 65 mm flat heavy duty mullion box steps, working platform as required. (Make: SEW / GKM /BATHLA/ ALCO/LIBERTI)						
12.1	Height: 6 ft (DOUBLE SIDE STEPS)	item12	2	Each	9500.00	19000.00	INR Nineteen Thousand Only
12.2	Height: 8 ft (DOUBLE SIDE STEPS)	item13	2	Each	12500.00	25000.00	INR Twenty Five Thousand Only

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1	2	3	4	5	7	8	10
12.3	Height: 10 ft (DOUBLE SIDE STEPS)	item14	3	Each	15750.00	47250.00	INR Forty Seven Thousand Two Hundred & Fifty Only
13	Supply of heavy duty 20 ft Aluminium Single Ladders with 20 rungs, Dimensions :6.21×0.50×0.10m; Duty Rating 130kg with Extra wide anti skid steps, non-marring legs,plastic foot mats	item15	1	Each	18000.00	18000.00	INR Eighteen Thousand Only
14	Supply of Fluke Non-Contact Battery Powered Voltage Detector; Range: 90 V to 1000 V Ac	item16	1	Each	6300.00	6300.00	INR Six Thousand Three Hundred Only
15	Supply of Infrared Thermometer for Noncontact Surface Temperature Measurement Model: Fluke 62max	item17	1	Each	16200.00	16200.00	INR Sixteen Thousand Two Hundred Only
16	Supply of Mild Steel Powder Coated Heavy Duty Storage Racks of 22 Gauge Shelf 16 Gauge Angle with Adjustable Pallet Racks-5No's; Load Per Layer 100kg;H/W/D:7/3/1.25 feet;	item18	5	Each	15000.00	75000.00	INR Seventy Five Thousand Only
Total in Figures						4160750.00	INR Forty One Lakh Sixty Thousand Seven Hundred & Fifty Only
Quoted Rate in Words		INR Forty One Lakh Sixty Thousand Seven Hundred & Fifty Only					

[Signature]
08/02/2024