



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ संख्या: भाविप्रा/आरपीआर/अभि.वि)/सीडब्लू/ WO-01/2023-24
Ref. No.: AAI/RPR/ENGG (E)/CW/WO-01/2023-24/

दिनांक: 28.06.2023
Date: 28.06.2023

स्पीड पोस्ट / ई-मेल
By Speed Post/E-Mail

सेवा में,

मेसर्स अवस्थि इलैक्ट्रिक वर्क्स,
107/265, ब्रम्ह नगर,
कानपुर-208012 (उ.प्र.)

M/s Awasthi Electric Works,
107/265, Brahma Nagar,
Kanpur-208012 (U.P.)

कार्य का नाम:- स्वामी विवेकानन्द हवाई अड्डा, रायपुर में आर वी आर उपकरण की स्थापना।

Name of work:- Installation of RVR Instrument at S.V. Airport, Raipur.

संदर्भ/Ref:- आपकी ई-निविदा जो 10.04.2023 को खोली गई/ Your e- tender opened on 10.04.2023.

महोदय/ Sir,

1. उल्लिखित कार्य हेतु आपकी ई-निविदा के संबंध में आपके द्वारा उद्धरीत कुल **रु. 43,43,00.00** (रुपये तैंतालीस लाख तैंतालीस हजार मात्र) (जी. एस. टी. रहित), जो कि अनुमानित **रु. 41,87,927.00** (जी. एस. टी. रहित) की तुलना में **3.70%** अधिक है और उचित लागत **रु. 41,89,974.00** की तुलना में **3.65%** अधिक है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your e- tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling of **Rs. 43,43,000.00 (Rupees Forty Three Lakhs Forty Three Thousand Only)** (excluding GST), which is **3.70% Above** estimated cost of **Rs 41,87,927.00** (excluding GST) and **3.65% Above** compared to Justified cost of **Rs. 41,89,974.00** (excluding GST).excluding GST.

2. वरिष्ठ प्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, उपरोक्त कार्य के प्रभारी होंगे। आपसे निवेदन है कि आप वरिष्ठ प्रबंधक (अभि-वि) भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, के कार्यालय में दिनांक **08.07.2023** तक उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन एक सौ रूपए मूल्य के गैर अदालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

SM Engg (E), AAI, Swami Vivekananda Airport, Raipur, shall be the Engineer – In-charge of the work. You are requested to attend the office of SM Engg (E) AAI, Swami Vivekananda Airport, Raipur by **08.07.2023** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.

3. आपसे अनुरोध है कि इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा राशि जो टेंडर राशि के **@10%** हैं को प्रस्तुत करें, अन्यथा अनुबंध के पृष्ठ 61 पर शर्त के अनुसार आपके बिल से काटा जाएगा

You are requested to furnish Security Deposit @ 10% of tender amount within 10 days from the date of issue of this letter failing which same will be deducted as per condition on page 61 of contract document from your bill.



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4. आपसे अनुरोध है कि आप ठेका श्रमिक (विनियम एवं उन्मुलन) अधिनियम 1970 के उपबन्धों का अनुपालन करें। साथ ही ठेका श्रमिक (विनियम एवं उन्मुलन) केन्द्रीय नियमावली 1971 एवं केन्द्रीय एवं राज्य सरकारों के न्युनतम वेतन तथा उससे सम्बन्धित अन्य नियमों का पालन 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 and minimum wages act and rules of Central and State Governments, with its upto date amendments thereof.

5. आपको यह भी निर्देश दिया जाता है कि आप वरिष्ठ प्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर (मो. नं. - 7389494314), से अविलम्ब सम्पर्क करें जो आपको कार्यस्थल सौंपेंगे।

You are also directed to contact Sr. Manager (Engg-E), AAI, S.V. Airport, Raipur (Mob. No.- 7389494314), immediately who will arrange to hand over the site to you.

6. कृपया यह भी नोट कर लें कि निविदा के अनुसार कार्य निष्पादन हेतु अनुगत समय 04 (चार) महीने है जो दिनांक **08.07.2023** से माना जाएगा।

Please note that the time allowed for carrying out the work shall be 04 (Four) months and same will be reckoned from **08.07.2023**

7. इस ठेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए कार्य के प्रभारी को संबंधित करेंगे।
Any further correspondence in connection with the contract should normally be addressed to the Engineer - in- charge.

8. कृपया इस पत्र की प्राप्ति सूचना दे तथा इसके साथ संलग्न 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. इस कार्यआदेश के संबंध में किसी प्रकार की टंकणीय त्रुटि/विसंगति होने पर अंग्रेजी संस्करण मान्य होगा।

With reference to this work order, if in case of any typographical mistake/discrepancy arise, the English version shall prevail.

धन्यवाद / Thanking you,

संलग्न / Encl: Schedule

भवदीय / Yours faithfully,

वरिष्ठ प्रबंधक (अ-वि). / Sr. Manager [E-E]
एएआई, स्वामी विवेकानंदा, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur



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प्रतिलिपि (बाह्य):-

1. श्रम प्रवर्तन अधिकारी (केन्द्रीय) एल-7, डी/6, आदर्श सोसायटी, सेक्टर-1, अवन्ति विहार, रायपुर
2. क्षेत्रीय भविष्य निधि आयुक्त-1, कर्मचारी भविष्य निधि संगठन, (श्रम एवं रोजगार मंत्रालय, भारत सरकार), क्षेत्रीय कार्यालय छत्तीसगढ़, खंड-डी योजना नं. 32, इंदिरा गांधी व्यवसायीक परिसर, पन्डरी, रायपुर, (छ.ग.)

प्रतिलिपि (आन्तरिक):-

1. संयुक्त महाप्रबंधक (अभि.-विद्युत), पूर्वी क्षेत्र, भाविप्रा, एन.एस.सी.बी.आई. हवाई अड्डा, कोलकाता
2. उप महाप्रबंधक (सतर्कता), पूर्वी क्षेत्र, भाविप्रा, एन.एस.सी.बी.आई. हवाई अड्डा, कोलकाता

आन्तरिक वितरण:-

(सूचनार्थ)

1. विमानपत्तन निदेशक, स्वामी विवेकानन्द हवाई अड्डा, रायपुर
2. सहा. महाप्रबंधक, (अभि-सिविल)-I, स्वामी विवेकानन्द हवाई अड्डा, रायपुर
3. उप. महाप्रबंधक (वित्त), स्वामी विवेकानन्द हवाई अड्डा, रायपुर
4. सहा. महाप्रबंधक, (अभि-वि), स्वामी विवेकानन्द हवाई अड्डा, रायपुर

वरिष्ठ प्रबंधक (अ-वि). / Sr. Manager [E-E]
एएआई, स्वामी विवेकानन्दा, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur

[Handwritten signature]
वरिष्ठ प्रबंधक (अ-वि) / Sr. Manager [E-E]
एएआई, स्वामी विवेकानन्दा, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur

Airports Authority of India
Swami Vivekananda Airport, Raipur

Schedule of Quantities

Name of Work:- Installation of RVR Instrument at S.V. Airport, Raipur.

S. No.	Item Description	Unit	Qty.	RATE (Rs.)	AMOUNT (Rs.)
	(A) ELECTRICAL WORKS				
1	Supply of following size of 1.1 kv grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS:7098:1988 with upto date amendments.				
(a)	3 X 35 sqmm	Meter	1200	550.00	660000.00
2	Supply of following size of 1.1 kv grade multicore copper conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 with upto date amendments.				
(a)	3 X 4 sqmm	Meter	100	495.00	49500.00
3	Supplying of following size HDPE pipe (PN8, PE 80 grade) 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.				
(a)	63 mm dia (OD-63 mm & ID-51 mm nominal)	Meter	1200	475.00	570000.00
4	Laying of following size HDPE pipe (PN8, PE 80 grade) DWC / HDPE ISI marked along with all accessory like socket, bend, coupler etc. complete with fitting and cutting joints 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.				
(a)	63 mm dia (OD-63 mm & ID-51 mm nominal)	Meter	200	300.00	60000.00
5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 grade of following size in the existing RCC/HUME/METAL pipe as required.				
(a)	upto 35 sqmm	Meter	1200	35.00	42000.00
6	Supply and making end termination with brass compression gland and suitable lugs for following size of PVC insulated and PVC sheathed / XLPE following conductor cable of 1.1 KV grade as required .				
(a)	3 X 35 sqmm, Aluminum Conductor Cable	Set	2	550.00	1100.00
(b)	3 X 4 sqmm, Copper Conductor Cable	Set	6	450.00	2700.00

S. No.	Item Description	Unit	Qty.	RATE (Rs.)	AMOUNT (Rs.)
7	Supply, Installation, Testing and Commissioning of suitable size Out door type Power Enclosure made out of 2 mm thick CRCA sheet Double Door with locking arrangement, canopy and duly power coated/epoxy painted, mounted on 25 x 25 x 5 angle iron frame at a height of 1.5 m above the ground level with frangible leg coupling, suitable PCC foundation/platform and having following accessories etc. complete as required.	Nos.	1	50000.00	50000.00
	(a) 20 Amps DP MCB-01 No. (Incomer)				
	(b) 16 Amps DP MCB-01 No. (Outgoing)				
	(c) 6 Amps DP MCB-03 No. (Outgoing)				
	(d) Power distribution board with 05 nos. of 5 Amps 3 Pin Sockets -01 No. (Outgoing in separate compartment).				
	(e) 9 W LED Lamp having auto switching on/off with panel main door opening/closing				
	(f) Provision of separate compartments having sufficient space for installation of UPS upto 3 KVA and backup batteries including providing ventilation fan on both sides for free air flow arrangement and insect trap mesh, canopy.				
8	Supply, Installation, Testing and Commissioning of suitable size Out door type Secondary Power Enclosure made out of 2 mm thick CRCA sheet Double Door with locking arrangement, canopy and duly power coated/epoxy painted, mounted on 25 x 25 x 5 angle iron frame at a height of 1.5 m above the ground level with frangible leg coupling, suitable PCC foundation/platform and having following accessories etc. complete as required.	Nos.	1	30000.00	30000.00
	(a) Power distribution board with 04 nos. of 5 Amps 3 Pin Sockets -01 No. and controlled with 6 A DP MCB and separate din rail.				
	(b) 9 W LED Lamp having auto switching on/off with panel main door opening/closing				
9	SITC of 2KVA capacity Online UPS suitable for input voltage range of 150 - 280 Volts, Single Phase, 50 Hz, AC input supply and Constant output of 220 volt AC pure sine wave having 15 minutes back up capacity with 8Nos. 12V, 7AH SMF batteries, short circuit, over load, battery deep discharge & overcharge protection etc. complete as required.	Nos.	1	70000.00	70000.00
10	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Mtr.	80	25.00	2000.00

S. No.	Item Description	Unit	Qty.	RATE (Rs.)	AMOUNT (Rs.)
	Supply of Fiber Component				
11	Supply of 12F SM Multi tube (single sheath Armoured OFC Cable)	Meter	3000	100.00	300000.00
12	Supply of Racks & Accessories Signal cabinet enclosure should have IP-66 protection with free airflow arrangement and insect trap mesh. Enclose should have the following:				
	SITC 15U Layout & Mounting One compartment, Pole & Wall Mountable standard mounting rack, 12way DIN Rail Mount With 10way signal cable connector and four number of air tight cable gland for incoming and outgoing flexible power & flexible CAT-6 and also Optical fiber cable one front door With Lock (support padlock) Materials Galvanized steel Single wall, thickness of 1.0/1.2mm, thickness of Mounting Angles: 1.5mm (Higher Thickness based on Project Requirements Only) Structure Assembled, Welded Constructions Ingress Protection IP66 Temperature Control Cooling Not Applicable in IP66- Lighting LED lamp AC230 V or DC 48V LED lamp- Optional Working Temperature: -40°C ~ +55°C, Storage Temperature: -50°C ~ + 70°C, Transport Temperature: - 50°C ~ +70°C Air Pressure 62kpa ~ 101kpa (similar to 0m ~ 5000m altitude) and inbuilt two number of power distribution board each power board should have four number 5Amps. socket.etc as required. 15U-IP66 Dimensions Overall Height 750mm x Useable height 15U-666 mm X Overall Width 600mm Overall Depth 482.6mm X Useable Depth 250mm.	Each	1	150000.00	150000.00
13	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the surface/ recessed Steel/ PVC conduit as required.	Meter	305	110.00	33550.00
14	Supply of HDPE PLB Duct Pipe of size 50mm OD, PE-100, PN-6 as per IS:4984 of complete as required.	Meter	2500	250.00	625000.00
15	Laying of Upto 63mm outer dia PLB HDPE/HDPE Pipe with HDD trenchless method direct in ground in all type soil including 4 mm PP rope coupling of pipe, etc. complete (1.5 to 3 mtr below in normal roads/soil runways and taxiways) in all respect as per specification. (Cost of HDPE Pipe is not included in the item)	Meter	3700	325.00	1202500.00
16	Supply and Fixing of Route/Joint Indicators, painting and sign writing of Route/Joint Indicators, as per specifications.	Each	15	1250.00	18750.00
17	Network Adaptor/ Media converter with all accessories like 12 Port Fully loaded LIU, Patch cords, SC - LC/ SC-SC (3 meter) coupler, Fiber Pigtails, 8 port PoE Giga L-2 switch Two SFP modules.	Job	2	90000.00	180000.00
18	Laying of one number 12 fiber OFC cable in the Existing PLB HDPE pipe / Cable Tray as required.	Meter	3000	35.00	105000.00
Total Cost of (A)					4152100.00

S. No.	Item Description	Unit	Qty.	RATE (Rs.)	AMOUNT (Rs.)
	(B) CIVIL WORK				
19	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m as directed by Engineer-in-Charge.				
	All kinds of soil.	Sqm	56	250.00	14000.00
20	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge.				
	All kinds of soil.	Cum	7	300.00	2100.00
21	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:				
(a)	1:1.5:3 (1 cement :1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	Cum	3	9500.00	28500.00
(b)	1:5:10 (1 cement :5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size).	Cum	10	8250.00	82500.00
22	Centering and shuttering including strutting, propping etc. and removal of form work for:				
	Foundations, footings, bases for columns	Sqm	22	100.00	2200.00
23	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineering-in-Charge.	Sqm	56	1100.00	61600.00
Total Cost of (B)					190900.00
Total (A + B)					4343000.00
Say Rs.					4343000.00

(Rupees in words:- Forty Three Lakhs Forty Three Thousand Only)

Signature Not Verified

Digitally signed by KRISHNA KUMAR SONI
Date: 2023.07.19 13:14:49 IST
Location: eProcurement System for Central PSUs



Sr. Manager (E-E)
AAI, S.V. Airport, Raipur