



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ संख्या :

Ref. No. : AAI/RHQ/NER/AGM (E-E)/GHY/WO-06 /2020-21/

दिनांक :

Date. : 12.03.2021

सेवा में /To,

M/s COOLTEK INDIA

Plot No-103, Green Park, Daulatpur,

Pailan, Joka, Kolkata-700104.

Email – cooltekindia.skb@gmail.com

विषय: "ओल्ड आर.ई.डी. बिल्डिंग, गुवाहाटी हवाई अड्डे पर रिजर्व लाउंज और सुधार कार्य प्रदान करना। SH: इंटेलिजेंट एड्रेसेबल फायर अलार्म एंड डिटेक्शन सिस्टम और फायर हाइड्रेंट सिस्टम के प्रावधान के लिए विद्युत कार्य।" के लिए कार्य आदेश.

Sub: Work Order for "Providing Reserve Lounge and Improvement Works at Old RED Bldg., Guwahati Airport. SH: Electrical Works for Provision of Intelligent Addressable Fire Alarm & Detection System and Fire Hydrant System".

संदर्भ: ई-Bid. 2020_AAI_70100_1 आपकी कीमत बोली 05.03.2021 को खोली गई।

Ref: E-Bid no. 2020_AAI_70100_1, your price bid opened on 05.03.2021.

महाशय/Dear Sir(s),

1. ऊपर उल्लिखित कार्य के लिए आपका टेंडर, अध्यक्ष, एएआई द्वारा आपके मोल भाव उद्धृत आइटम दरों पर, रु 25,26,627.00 (रुपए पच्चीस लाख छब्बीस हजार छह सौ सत्ताईस केवल) की राशि के लिए स्वीकार किया जाता है। जो GST को छोड़कर है।

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, AAI at the item negotiation rates quoted by you, for an amount of Rs. 25,26,627.00 (Rupees twenty-five lakh twenty-six thousand six hundred twenty-seven Only) Excluding GST.

2. उप महाप्रबंधक (इंजी.-विद्युत), भा.वि.प्र. क्षेत्रीय मुख्यालय, उ.पू.क्षे गुवाहाटी -781015, कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपना प्रत्यायित प्रतिनिधि जिसे कि आप की ओर से संविदा करार पर हस्ताक्षर करने की शक्ति दी गई है को उप महाप्रबंधक (इंजी.-विद्युत) के कार्यलय में करार पर हस्ताक्षर करने के लिए दिनांक 22.03.2021 को तैनात करें। (संविदा करार रु 100/- के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको ही वहन करनी होगी।)

Dy. General Manager (Engg.-E), AAI, RHQ-NER, Guwahati-781015, 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.-E) by 22.03.2021 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Hundred only) and the cost of the stamp paper shall be borne by you.

[Handwritten Signature]
12/03/2021

Contd...2/-

3. कृपया सुरक्षा जमा राशि रुपये 2,52,663.00 (रुपए दो लाख बावन हजार छह सौ तिरेसठ केवल) इस पत्र के जारी होने की तारीख से 10 (दस) दिनों के भीतर जमा करें। ऐसे न करने पर संविदा दस्तावेज, के पृष्ठ 16 पर दी गई खंड संख्या 1(ए) की शर्त के अनुसार रूनिंग बिल में से काट दिया जाएगा।

Please deposit **Rs. 2,52,663.00** (Rupees two hundred fifty-two thousand six hundred sixty-three only) towards security deposit within 10 (Ten) days from the date of issue of this letter, failing which, the same will be deducted from your running bill as per Tender **Clause No. 1(A)** on page 16 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 नियम केंद्र / राज्य सरकारों के प्रावधानों का पालन करें।

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

5. आपको सहायक महाप्रबंधक (अभि-विद्युत), भा.वि.प्र., क्षेत्रीय मुख्यालय, उ.पू.क्षे गुवाहाटी-15, से तुरंत संपर्क करने के लिए निर्देशित दिया जाता है जो आपको साइट सौंपने की व्यवस्था करेगा। कृपया ध्यान दें कि कार्य पूरा होने के लिए अनुमत समय 03 (तीन) महीना है जिसे इस पत्र की जारी होने की तारीख से 10 दिन गिना जाएगा।

You are also directed to contact the Asstt. General Manager (E-E), AAI, RHQ, NER, Guwahati Airport, immediately who will arrange to handover the site to you. Please note that the time allowed for completion of the work is **03 (Three) Months** which shall be reckoned from 10th day from the issue of this letter.

6. इस काम के लिए आपकी निविदा इस पुरस्कार पत्र के साथ समझौते का हिस्सा बन जाएगी। अन्य सभी नियम एवं शर्तें एनआईटी के अनुसार होंगी।

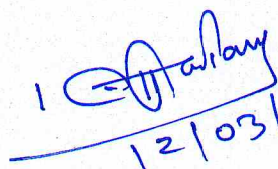
Your tender for this work shall form part of the agreement along with this award letter. All other terms & conditions shall be as per NIT.

7. अनुबंध के संबंध में आगे कोई पत्राचार आम तौर पर उप. महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, आरएचक्यू, एनईआर, गुवाहाटी - 781015 को संबोधित किया जाना चाहिए।

Any further correspondence in connection with the contract should normally be addressed to the Dy. General Manager (E-E), AAI, RHQ, NER, Guwahati Airport – 781015.

8. कृपया रसीद को स्वीकार करें और इस स्वीकृति को टोकन के रूप में आपके द्वारा विधिवत हस्ताक्षरित और मुद्रांकित इस आदेश की डुप्लिकेट प्रतिलिपि वापस करें।

Please acknowledge the receipt and return the duplicate copy of this order duly signed & stamped by you as a token of your acceptance.


12/03/2021

Contd... 3/-

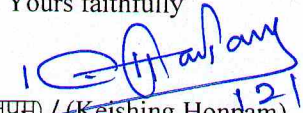
9. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी ।

In case any discrepancy is found, then English version will be taken as correct.

धन्यवाद/Thanking you,

अनुलग्नक : शिड्युल ऑफ क्वान्टिटी।
Encl: Schedule of Quantities.

Yours faithfully


(कैशिंग होनपम) / (Keishing Honpam)

सहायक महाप्रबंधक (इंजी.-विद्युत)

Asst. General Manager (Engg.-E)

कृते अध्यक्ष की ओर से,

For and on behalf of Chairman

भा. वि. प्र., क्षेत्रीय मुख्यालय, उ.पू.क्षे गुवाहाटी-15

BILL OF QUANTITIES

Name of Work: Providing Reserve Lounge and Improvement Works at Old RED Bldg., Guwahati Airport
(SH: Electrical Works for Provision of Intelligent Addressable Fire Alarm & Detection System and Fire Hydrant System)

Tender ID: 2021_AAI_70100_1

SCHEDULE OF WORK / ITEM(S)

Sl.No As per CPPP BOQ	Item No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00		SH: I FIRE ALARM & DETECTION SYSTEM				
1.10	1	Supply, Installation, Testing & Commissioning of UL /EN listed (latest version) Modular Microprocessor based expandable intellegent Addressable Type Fire Alarm Control Panel of 3 (three) loop, with minimum 320 character graphics / LCD display with touch screen or other keypad and minimum 4000 events history log in the nonvolatile memory (EPROM), The panel should be equipped with loop capacity to take minimum 240 intelligent addressable detectors/ devices (In any combination) in one loop. Four access levels, capable of taking Protocol Devices, Graphical Display, sufficient numbers of programmable relay controls for controlling ventilation fan, fire pump room, monitoring of fire sprinkler and fire hydrant pump, 230 volts, 50 Hz AC power supply, automatic battery charger, 24 volts sealed maintenance free lead acid batteries sufficient for 2 hours normal working and then be capable of operating the system for 30 minutes during an emergency / fault conditions along with battery stand as required. The panel shall have facility for seamless integration with PA system (For Giving trigger Signal to start pre-recorded Digital Voice Evacuation from PA system in case of fire). The panel shall be compatible for Building Management System with open protocol BACNET / MODBUS etc. as per specification, complete as required.	1.00	Each	196547.00	196547.00
1.20	2	Supply, Installation, Testing & commissioning of UL / EN listed (latest version) intelligent addressable multi criteria detector {Smoke + heat } with inbuilt fault isolator / isolator base and with unique optical sensing chamber, visible LED, fully coated circuit board, superior RF / Transient protection suitable for 2 wires loop connection, complete with plug into common separate base & housing constructed of LEXAN (or polycarbonate) complete with connections etc. as required and to be installed below / above false ceiling roof and concealed space and as per enclosed specifications ,complete as required. (Cost of plug in common base shall deemed to be included in cost of detectors)	386.00	Each	2492.00	961912.00

12/13/21

SI.No As per CPPP BOQ	Item No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.30	3	Supply, installation, testing and commissioning of UL / EN listed (Latest Version) intelligent Addressable type Heat Detector (Fixed cum-rate of rise type) with inbuilt fault isolator / isolator base with max. triggering temperature programable from 58 degree C to 69 degree C complete with all fixing accessories like base, base box, self adhesive sticker indicating loop number and address etc. to be installed below / above false ceiling, roof and concealed space, etc. interconnecting to loop cable, etc. as per specification complete as required.	18.00	Each	2260.00	40680.00
1.40	4	Supply, installation, testing and commissioning of UL / EN listed (latest version) Intelligent addressable Control Module/ Relay Module (output module) with inbuilt fault isolator / isolator module for tripping of AHU & Ventilation / pressurization fans / hooter complete with termination etc. complete as required and as per enclosed specifications	6.00	Each	4365.00	26190.00
1.50	5	Supply, installation, testing and commissioning of UL / EN listed (Latest Version) Response Indicators for getting fire indications of detectors i/c mounting boxes installed above false ceiling area interconnecting to loop cable etc. as per specification complete as required.	22.00	Each	155.00	3410.00
1.60	6	Supply, Installation, Testing & commissioning of UL / EN listed (latest version) intelligent addressable Manual call station (Resettable pull / push type) suitable for semi flush mounting, IP 54 for indoor use & IP 65 for outdoor use with inbuilt fault isolator / isolator module with double gang outlet box, equipment for key operated test reset lock, electronic or rotary switches for address setting. Manual pull station shall be connected with two wire to SLC loop of Fire Control Panel. Cover shall be made out of LEXAN (or polycarbonate equivalent) with clear operating instruction and the word Fire appearing on the front complete with connections etc. as required and as per enclosed specifications.	12.00	Each	4200.00	50400.00
1.70	7	Supply, installation, testing and commissioning of UL / EN listed (latest version) loop powered addressable Hooter-cum- strobe with inbuilt fault isolator / isolator module with adjustable sound level in the range of min. 90 db to Max. 120 db at 1M distance complete with termination etc. as required and as per enclosed specification.	9.00	Each	4626.00	41634.00
1.80	8	Providing, installation, testing & commissioning of UL / EN listed (Latest Version) Monitor Module / input module with inbuilt fault isolator / isolator module (for monitoring different electrical / mechanical device etc.) as per specifications.	3.00	Each	2850.00	8550.00
1.90	9	Supplying & drawing of 2 x 1.5 sqmm FRLS unarmored cable, 600 / 1000V rated with annealed copper conductor as per applicable IS standard complete in existing surface / recessed steel / PVC conduit as required.	1690.00	Meter	105.00	177450.00

10/11/2021
12/13/2021

SI.No As per CPPP BOQ	Item No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
2.00		SH:II FIRE HYDRANT SYSTEM				
2.10	10	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required. (a). 150 mm. Dia	150.00	Meter	2850.00	427500.00
2.20	11	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : (a). 50 mm dia	164.00	Meter	743.00	121852.00
2.30	12	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : (a). 80 mm dia	78.00	Meter	1188.00	92664.00
2.40	13	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : (a). 100 mm dia	38.00	Meter	1740.00	66120.00
2.50	14	Supplying and fixing single headed internal hydrant valve with instantaneous Gunmetal/Stainless Steel coupling of 63 mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/Stainless Steel cap and chain as required : (a) Single headed Gunmetal	3.00	Set	5250.00	15750.00
2.60	15	Supplying and fixing Single headed external yard hydrant valve with 1 No. 63 mm dia instantaneous FM Gunmetal/Stainless Steel coupling and cast iron wheel, ISI marked, conforming to IS 5290 (type A) with blank Gunmetal/Stainless Steel cap and chain as required : (a) Single headed Gunmetal	2.00	Set	5250.00	10500.00
2.70	16	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze / gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required : (a). 50 mm dia	3.00	Set	1682.00	5046.00


 12/3/2021

SI.No As per CPPP BOQ	Item No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
2.80	17	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze / gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required : (a) 100 mm dia	3.00	Set	2989.00	8967.00
2.90	18	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN 1.6 with non rising spindle, bronze/gun metal seat, ISI marked complete with nuts, bolts, washers, gaskets and conforming to IS 780 of following sizes as required: (a) 150mm dia	1.00	Set	15075.00	15075.00
3.00	19	Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required : (a) 100mm dia	2.00	Set	10190.00	20380.00
3.10	20	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required : (a) Gun Metal	10.00	Set	4525.00	45250.00
3.20	21	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required. 20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS :20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS:12585 20 mm nominal internal dia gun metal globe valve & nozzle. Drum and brackets for fixing the equipments on wall. Connections from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket: (a) 30 m	3.00	Set	6500.00	19500.00
3.30	22	Supplying & fixing 63 mm dia gun metal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required : (a) Gun metal	5.00	Each	1875.00	9375.00
3.40	23	Supplying and fixing of fire brigade connection of cast iron body with gun metal male instantaneous inlet couplings complete with cap and chain as reqd. for suitable dia MS pipe connection conforming to IS 904 as required : (a) 2 way-100 mm dia M.S. Pipe	1.00	Set	3500.00	3500.00
3.50	24	Supplying and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200 mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25 mm dia gun metal wheel valve with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	1.00	Set	18500.00	18500.00
3.60	25	Supply and fixing of weather proof cabinet to enclose 2 nos of RRL hose pipes and 1 no of short branch pipe for both indoor and outdoor use. Size: 1000mm X 1200mm X 300mmD	5.00	Each	4800.00	24000.00

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12/3/2021

Sl.No As per CPPP BOQ	Item No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
4.00		SH:III FIRE EXTINGUISHER				
4.10	26	Supply, installation, testing and commissioning ISI marked (IS:15683) Fire Extinguisher, Carbon-di-oxide type capacity 4.5 Kg. Flat base including valve, discharge hose of not less than 10 mm dia, 1M long and complete in all respects including initial fill with CO2 gas conforming to IS:307-1966 and wall suspension bracket complete as required & as per specifications.	9.00	Each	5500.00	49500.00
4.20	27	Supply, installation, testing and commissioning ISI marked (IS:15683) portable fire extinguisher, water (gas pressure) type capacity 9 kg with gun metal cap and nozzle and complete in all respects including initial fill and wall suspension brackets complete as required & as per specifications.	9.00	Each	2329.00	20961.00
4.30	28	Supply, installation, testing and commissioning of 6kg ABC (Powder Type) Fire Extinguisher, Mild Steel Cylinders ISI marked fitted with pressure indicating gauge, internal tube, squeeze lever type valve fully charged with ABC 90 powder (Mono Ammonium Phosphate) pressured by Nitrogen complete in all respects including wall suspension bracket complete and conforming to IS:15683 as required and as per specifications.	18.00	Each	2523.00	45414.00
		Total in Figures				2526627.00


 (Keishing Honpam)
 Asstt. General Manager (E-E)
 AAI, RHQ, NER, Guwahati-15

12/3/2021