



संदर्भ सं. एएआई/सीएचक्यू/आईएमयू/जेजीएम(ई-ई)/डब्ल्यूओ-04/2022-23/ 166

दिनांक:-22.09.2022

Ref. No. AAI/CHQ/ IMU/ JGM(E-E)/ WO-04/2022-23/ 166

Date:-22.09.2022

To,
प्रति,

M/s Manish Electricals,
मेसर्स मनीष इलेक्ट्रिकल्स,
Kalpana Nagar, C.P. Colony,
कल्पना नगर, सी.पी. कॉलोनी,
Morar, Gwalior-474006.
मोरार, ग्वालियर-474006.

Name of Work: Repair and Maintenance Contract of Fire Alarm, Fire Detection & Fire Hydrant System at R.G. Bhawan, New Delhi for two years (Year 2022-23 & 2023-24).
कार्य का नाम: आर. जी. भवन, नई दिल्ली में दो साल के लिए फायर अलार्म, फायर डिटेक्शन और फायर हाइड्रेंट सिस्टम की मरम्मत और रखरखाव अनुबंध। (वर्ष 2022-23 & 2023-24).

Ref : Price Bid Opened on CPP portal on Dt. 26.08.2022
संदर्भ मूल्य बोली दिनांक 26.08.2022 को सी पी पी पोर्टल पर खोली गई।

टेंडर आईडी /Tender ID : 2022_AAI_12197_6

Dear Sir,
श्रीमान,

1. ऊपर उल्लिखित कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर कुल रु. 43,14,794/- (तिरतालिस लाख चौदह हजार सात सौ चौरानवे रुपये मात्र) जो कि निविदा में लगाई गई उचित लागत 60,49,164/- (साठ लाख उनन्चास हजार एक सौ चौसठ रुपये मात्र) से 28.67% कम है।

Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totalling to Rs. 43,14,794/- (Rupees Forty Three Lakh Fourteen Thousand Seven Hundred Ninety Four Only) which is 28.67% below the Justified cost put to the tender Rs. 60,49,164/-.

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2. संयुक्त महाप्रबंधक इंजीनियरिंग (ई)-आईएमयू, एएआई, आर.जी. भवन, कार्य का प्रभारी अभियंता होगा। आपसे अनुरोध है कि संयुक्त महाप्रबंधक अभियांत्रिकी (ई)-आईएमयू के कार्यालय में 07.10.2022 तक अनुबंध समझौते पर हस्ताक्षर करने और पूरा करने के लिए उपस्थित हों। अनुबंध 100/- रुपये (केवल एक सौ रुपये) के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

Joint General Manager Engg. (E)-IMU, AAI, R.G. Bhawan, shall be the Engineer-in-charge of the work. You are requested to attend the office of **Joint General Manager Engg. (E)-IMU**, by **07.10.2022** 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. कृपया रुपये 4,31,479/- (रु. चार लाख इकतीस हजार चार सौ उनासी मात्र) इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर जमानत राशि के रूप में जमा करें, ऐसा न करने पर, यह राशि आपके चल रहे बिलों से शर्तों के अनुसार काट ली जाएगी।

Please deposit **Rs. 4,31,479/- (Rs. Four Lakh Thirty One Thousand Four Hundred & Seventy Nine 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 terms & conditions of contract document.

4. आपसे अनुरोध है कि ठेका श्रमिक (विनियमन और उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम और उसके नियमों के प्रावधानों 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 thereof central and state Governments.

5. आपको प्रबंधक अभियांत्रिकी (ई) – आई एम यू से संपर्क करने का भी निर्देश दिया जाता, जो तुरंत आपको साइट सौंपने की व्यवस्था करेगा।

You are also directed to contact **Manager Engg. (E)- IMU** immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय 24 महीने होगा और इसे 23.09.2022 से प्रभावी माना जाएगा।

Please note that the time allowed for carrying out the work shall be **24 Months** and same shall be reckoned **with effective from 23.09.2022**.

7. अनुबंध के संबंध में कोई और पत्राचार सामान्य रूप से संयुक्त महाप्रबंधक इंजीनियरिंग (ई) -आईएमयू, एएआई, राजीव गांधी भवन सफदरजंग हवाई अड्डे, नई दिल्ली -03 को संबोधित किया जाना चाहिए।

Any further correspondence in connection with the contract should normally be addressed to the **Joint General Manager Engg. (E)-IMU, AAI, Rajiv Gandhi Bhawan Safdarjung Airport, New Delhi-03**.

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8. किए गए कार्य के कुल मूल्य का दस प्रतिशत बिल से सुरक्षा जमा के रूप में काट लिया जाएगा। कोई अन्य कटौती सरकार के दिशा-निर्देश के अनुसार किया जाएगा।

Ten percent of total value of work done shall be deducted as security deposit from the bill. Any other deductions as per govt. guidelines will be done.

9. आप किसी भी दोष के लिए अपने स्वयं के खर्च पर अच्छा और सही करने के लिए जिम्मेदार होंगे, जो दोष देयता अवधि के भीतर विकसित हो सकता है या देखा जा सकता है जिसे पूरा होने की प्रमाणित तिथि से 06 (छह) महीने माना जाएगा। शर्तों के अनुसार दोष देयता अवधि समाप्त होने के बाद सुरक्षा जमा वापस किया जाएगा।

You will be responsible to make good and remedy at your own expense of any defect which may develop or may be noticed within the defects liability period which shall be reckoned **06(Six) Months** from the certified date of completion. The security deposit shall be refunded after expiry of defects liability period as per terms & Conditions of Contract document.

10. कृपया पत्र की प्राप्ति की पावती दें और इस पत्र की डुप्लीकेट प्रति हस्ताक्षर के बाद स्वीकृति के रूप में लौटाएं, जो इसके साथ संलग्न है।

Please acknowledge the receipt of the letter and return the duplicate copy of this letter enclosed herewith after sign as a taken of acceptance.

11. यह कार्य आदेश संख्या एएआई/सीएचक्यू/आईएमयू/जेजीएम(ई-ई)/डब्ल्यू ओ-04/2022-23 दिनांक. 22.09.2022 जो इस कार्य आदेश के संबंध में भविष्य में सभी पत्राचार के लिए आपके द्वारा उद्धृत किया जाएगा।

This work order is allowed the number AAI/CHQ/IMU/JGM(E-E)/WO-04/2022-23 Dt. 22.09.2022 which be quoted by you for all future correspondence in connection with this work order.

12. संदर्भित सभी पत्र अनुबंध समझौते के हिस्से से होंगे।

All the letters referred shall from the part of Contract agreement.

13. जीएसटी प्रावधानों के गैर-अनुपालन और किसी इनपुट क्रेडिट की रुकावट के मामले में एएआई की क्षतिपूर्ति करना आपकी जिम्मेदारी होगी।

In case of non- compliance of GST provisions and blockage of any input credit, it shall be your responsibility to indemnify AAI

14. दरों में जीएसटी को छोड़कर सभी कर शामिल हैं। हालांकि, जीएसटी, जैसा लागू हो, अनुबंध के नियमों और शर्तों के अनुसार वैध जीएसटी चालान के खिलाफ एजेंसी द्वारा एएआई को प्रदान की गई किसी भी कर योग्य आपूर्ति/सेवाओं/निर्माण के लिए ठेकेदार को भुगतान किया जाएगा और ठेकेदार के ओवरहेड और लाभ जैसी कोई अतिरिक्त राशि नहीं होगी। इस खाते में भुगतान किया जाएगा।

The rates are inclusive of all taxes but excluding of GST. However, GST, as applicable, shall be paid to the contractor for any taxable Supply /services/construction rendered by the agency to AAI against a valid GST invoice as per terms and conditions of the contract and no additional amount such as contractor's overhead and profit will be paid on this account.

15. आपके द्वारा सभी इनपुट क्रेडिट एएआई को दिए जाएंगे।

All input credits will be passed on to AAI by you.

16. यदि दोनों भाषाओं में कोई विसंगति पाई जाती है तो अंग्रेजी संस्करण को अंतिम माना जाएगा।

If any discrepancy found in both languages, then English version shall be considered final.

आपका विश्वासी,
Yours faithfully,



संयुक्त महाप्रबंधक, इंजीनियरिंग (ई) –आई एम यू,

Jt. GM, Engg. (E)-IMU,

राजीव गांधी भवन, सीएचक्यू,

Rajiv Gandhi Bhawan, CHQ,

सफदरजंग हवाई अड्डा,

Safdarjung Airport,

नई दिल्ली-110003

New Delhi-110003

For and on behalf of 'Chairman'

कृते अध्यक्ष, भा.वि.प्रा

Airports Authority Of India

भारतीय विमानपत्तन प्राधिकरण

संलग्नक: - 1. मात्रा की अनुसूची (पेज-1 से 2)

Encl: - 1. Schedule of Quantity (Page-1 to 2)

N.O.O.

को कॉपी:-/Copy to:-

1. एसएम (ई-ई)-आईएमयू, एएआई, आर.जी. भवन, नई दिल्ली।
SM (E-E)-IMU, AAI, R.G. Bhawan, New Delhi.
2. प्रबंधक इंजीनियरिंग (ई), आईएमयू, एएआई, आर.जी. भवन, नई दिल्ली।
Manager Engg.(E), IMU, AAI, R.G. Bhawan, New Delhi.
3. कार्य आदेश फ़ाइल
Work Order File
4. समझौते की प्रति।
Agreement Copy.

Schedule Of Quantity

NAME OF WORK:- Repair and Maintenance contract of Fire Alarm, Fire Detection & Fire Hydrant System at R.G. Bhawan New Delhi for two Years (year 2022-23, 2023-24)

Tender ID: 2022_AAI_121976

S. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
				(Excluding GST)	(Excluding GST)
1.00	Periodical Maintenance of conventional & addressable fire alarm detection and hydrant system at R.G. Bhawan by deploying adequate manpower as per the conditions of contract involving repairs & maintenance, faults finding and attending breakdowns and taking rectification action, ensuring serviceability, satisfactory working condition of the systems, preventive maintenance on daily, weekly, monthly, quarterly, yearly basis, maintenance of records/documentation etc. on all working days and holidays round the clock etc as required and as per scope of work given in special conditions of contract. (Agency has to quote the rate after thoroughly checking the manpower assessment and other relevant clauses in SCC)	Months	24	159786.00	3834864.00
2.00	Supplying of following spares as per list of preferred makes and should be suitable with existing system, as on requirement basis.				
2.01	Optical Type Smoke Detector with builtin LED and mountable Base (Similar to Apollo Series 65)	No.	30	100.00	3000.00
2.02	Addressable multi sensor photo thermal detector (in compatible with Existing Edwards Est 3 panel, Similar to Model:-SIGAPHS/PHD)	No.	15	1500.00	22500.00
2.03	Addressable Heat detector in compatible with Existing Edwards Est 3 panel (Similar to SIGA HRD)	No.	3	1600.00	4800.00
2.04	Addressable multi criteria photo thermal detector -Morley IAS (in compatible with Existing Morley IAS DXc2/ DXc1 panel)	No.	6	700.00	4200.00
2.05	Conventional Manual Call Point (ABS Body) with glass (preferred make or in compatible with existing System)	No.	4	450.00	1800.00
2.06	Addressable Manual Call Point (Similar to Edwards, Model:- SIGA 271/278)	No.	2	1500.00	3000.00
2.07	Addressable Control Relay Module (Similar to Edwards, Model:- SIGA CR)	No.	6	1500.00	9000.00
2.08	Addressable Monitor Relay Module (Similar to Edwards, Model:- SIGA CT1)	No.	4	1400.00	5600.00
2.09	Electronic Hooter/ programmable sounder for addressable system (Similar to Edwards, Model:- SIGA G1RF)	No.	2	1800.00	3600.00
2.10	Mother Board CPU 3-ANNCPU3 for existing Repeater panel in compatible with existing Edwards EST-3 Main Panel System	No.	1	27500.00	27500.00
2.11	Mother Board CPU for EST-3 Main Panel (in compatible with existing Edwards Main Panel System)	No.	1	30000.00	30000.00
2.12	Mother board for Softchip Conventional FADS panel	No.	1	11000.00	11000.00
2.13	Zonal Card for Softchip Conventional FADS panel	No.	1	4000.00	4000.00
2.14	MotherBoard of Morley Ias FADS Panel (DXc2/ DXc1)	No.	1	4000.00	4000.00
2.15	7AH, 12V maintenance free battery for fire Alarm panels	No.	2	1200.00	2400.00
2.16	Pressure Switch (Similar to Danfoss 35/36)	No.	2	900.00	1800.00



S. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
				(Excluding GST)	(Excluding GST)
2.17	Swinging type MS hose reel drum made up of 18SWG sheet along with 30 Mtrs. long and 20mm dia ISI marked thermoplastic hose reel confirming to IS:12585 fitted with gun metal globe valve and nozzle complete with brackets, nuts, bolts etc.	No.	2	6500.00	13000.00
2.18	Pressure gauge (0-16Kg/ cm2)	No.	4	400.00	1600.00
2.19	Single headed Hydrant valve with instantaneous SS 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	No.	2	5390.00	10780.00
2.20	Supplying of 2x1.5 sqmm fire survival armoured cable, 600/1000V rated with annealed copper conductor having glass mica fire barrier tape covered by an extruded layer of Cross Linkable Ethylene Propylene Rubber (EPR) insulation and LSZH inner bedding, steel wire armouring & LSZH outer sheath complete as required.	Meter	90	120.00	10800.00
2.21	Supplying of FRLS PVC insulated copper conductor, single core cable, Size 1.5 sqmm	Meter	90	20.00	1800.00
3.00	Supplying and fixing of following sizes of ISI marked steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.				
3.01	20 mm dia.	Metre	50	170.00	8500.00
3.02	25 mm dia.	meter	50	225.00	11250.00
4.00	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.				
4.01	150 mm Dia.	Meter	30	240.00	7200.00
4.02	100 mm Dia.	Meter	90	1050.00	94500.00
5.00	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 150 mm dia. size as required	Each	1	12000.00	12000.00
6	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with S.G. Iron/ Steel disc duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :				
6.01	150 mm Dia.	Each	2	6000.00	12000.00
6.02	100 mm Dia.	Each	1	4800.00	4800.00
7	Supply, Installation, Testing and Commissioning of dual plated cast iron Non-Return Valve, PN 1.6(Pressure class 16) of following sizes confirming to relevant standards complete with, rubber gasket, GI bolts, nuts, washers etc. as required.				
7.01	200 mm Dia.	Each	1	9000.00	9000.00
7.02	150 mm Dia.	Each	1	7000.00	7000.00

S. No.	Description of Items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
				(Excluding GST)	(Excluding GST)
8.00	Hiring of welder with welding machine and all accessories i/c consumable items required for welding work ,complete etc as per satisfaction of Engineer-in-charge (Remarks: One Job is considered for full working day).	Job	10	3000.00	30000.00
9.00	Visit of Specialized Authorized Engineer, on requirement basis, for checking of servicibility of (Make: - Edwards System Technology, Model: - EST-3) addressable fire detection alarm panel (01 Unit) which includes checking of healthiness of complete system, including both hardware & software, reporting of faults/ deficiencies to E-I-C, programming of device(if required) and submitting the healthiness report to E-I-C	Visit	8	2000.00	16000.00
10.00	Visit of Specialized Authorized Engineer, on requirement basis, for checking of servicibility of (Make: - Morley-IAS DXSE) addressable fire detection alarm panel (02 units) which includes checking of healthiness of complete system, including both hardware & software, reporting of faults/ deficiencies to E-I-C, programming of device(if required) and submitting the healthiness report to E-I-C	Visit	8	2000.00	16000.00
11.00	Visit of Specialized Authorized Engineer, on requirement basis, for checking of servicibility of (Make: - SOFT CHIP Panel with Agni mother board) conventional fire detection alarm panel (02 units) of 16 zones each, which includes checking of healthiness of complete system, including both hardware & software, reporting of faults/ deficiencies to E-I-C, programming of device(if required) and submitting the healthiness report to E-I-C	Visit	4	3000.00	12000.00
12.00	Re-painting of Fire hydrant boxes, pipelines and other accessories on requirement basis, with good synthetic enamel paint of approved brand and manufacture of required colour (Post Box Red) to give an even shade, one or more coats on old work i/c cleaning, scraping etc. complete as required.	SqMtr	330	150.00	49500.00
13.00	Upgradation/ Replacement of 'Fire Works' graphic software for integrating Edwards EST-3 FADS panel of C -Block with a desktop computer for displaying FADS graphics with user interface, along with preparation of Auto CAD Building drawing superimposed with Fire Alarm and Detection System already installed in the building. However the auto CAD building plan will be provided by AAI. The agency should provide the copy the software and license key etc. after successful commissioning of it, as directed by the EIC. Item also includes to provide 4 sets of A1 size colored drawing (of each floor from lower basement level to 3rd floor) and soft copy (CD/ Pendrive) of FADS drawing prepared in the item.	Job	1	14000.00	14000.00
Total					4314794.00

(GST extra as applicable)


Jt.GM(E-E)-IMU
CHQ, R.G. Bhawan, AAI,
New Delhi