



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संख्या: भा0वि0प्रा0/वारा0/सं.म.प्र.अभि0(विद्युत)/507/W-3/2022-23/8848-55/ दिनांक: 21.11.2022
Ref:- AAI/VNS/JGM Engg.(E)/507/W-3/2022-23/ Date: 21.11.2022

सेवा में,

To,

मेसर्स सेंटर टैप इंजीनियरिंग,
30, कामेश्वर ट्वीन्स 100 फुट रोड,
श्रेयांश टेकरा, अहमदाबाद-380015

M/s. Centre Tap Engineering
30, Kameshwar twins 100 Foot Road
Shreyas Tekra, Ahmedabad -380015

कार्य का नाम:- रिप्लेसमेंट ऑफ फॉयर एलार्म डिटेक्शन सिस्टम इनक्लूडिंग ऑपरेशन एण्ड मेन्टेनेन्स ऑफ फॉयर एलार्म सिस्टम एण्ड इक्जीसिटिंग फॉयर फाईटिंग सिस्टम ऐट एल.बी.एस.आई. एयरपोर्ट वाराणसी।

Name of work:- Replacement of Fire Alarm Detection System including Operation & Maintenance of Fire Alarm System & existing Fire Fighting System at LBSI Airport Varanasi.

संदर्भ:-ई-निविदा (2022_AAI_123288_1) खोलने का दिनांक 07.10.2022

Ref:- Your Tender ID (2022_AAI_123288_1) opened on 07.10.2022

प्रिय महोदय, Dear Sir,

- उपरोक्त कार्य के लिए रुपये **49,85,000.00** (जीएसटी रहित) (रुपये उनचास लाख पचासी हजार मात्र) की मद दर निविदा, जो कि कार्य की अनुमानित लागत रुपये **58,55,612.00** (रुपये अनठावन लाख पचपन हजार छः सौ बारह मात्र) से 14.87% (चौदह दशमलव आठ सात प्रतिशत) कम है, आपके द्वारा निविदा प्रपत्र में दर्शायी गयी मद दरों पर भरी गई है, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती 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, totaling to **Rs. 49,85,000.00** (excluding GST) (Rupees Forty Nine Lacs Eighty Five Thousand Only) which is 14.87% (Fourteen Point Eight Seven Percent) below the Estimated cost of Rs. **58,55,612.00** (Rupees Fifty Eight Lacs Fifty Five Thousand Six Hundred Twelve Only)
- संयुक्त महाप्रबन्धक (अभि0-वि0) भा.वि.प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी इस कार्य के कार्य प्रभारी अभियन्ता होंगे तथा सहायक महाप्रबन्धक (अभि0-वि0)/सहायक प्रबन्धक (अभि0-वि0), उनके प्राधिकृत प्रतिनिधि होंगे। आपसे अनुरोध है कि दिनांक **30.11.2022** तक संयुक्त महाप्रबन्धक (अभि0-वि0), के कार्यालय में उपस्थित होकर संविदा अनुबन्ध को हस्ताक्षरित कर पूर्ण करें। अनुबन्ध 100/-रुपए के गैर न्यायिक स्टाम्प पेपर पर सम्पादित किया जाएगा, स्टाम्प पेपर की कीमत आपके द्वारा वहन की जाएगी।
- Jt. General Manager (Engg.-E) AAI, LBSI Airport, Varanasi shall be the Engineer-in-charge of the work and Asst.General Manager (Engg.- E)/Asstt. Manager (E-E), shall be the authorized representative of Engineer-in- charge. You are requested to attend the office of Jt. General Manager Engg. (E) AAI, LBSI Airport, Varanasi by **30.11.2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100.00 (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.

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पृष्ठ - 2/ 3

3. निविदा के साथ प्राप्त धरोहर राशि रुपये 1,17,112.00 (रुपये एक लाख सतरह हजार एक सौ बारह मात्र) संविदा प्रपत्र के अनुच्छेद अनुसार प्रतिभूति निक्षेप राशि का हिस्सा मानकर उसमें बदल दिया जाएगा। कृपया शेष प्रतिभूति निक्षेप राशि रुपया 3,81,388.00 (रुपये तीन लाख इक्यासी हजार तीन सौ अठासी मात्र) इस पत्र के निर्गत दिनांक से दस दिनों के भीतर जमा करें अन्यथा उक्त धनराशि की कटौती संविदा प्रपत्र की पृष्ठ संख्या 16 के शर्त संख्या 1ए के अनुसार चालू लेखा बिलो से की जाएगी।
3. The earnest money amount of Rs. 1,17,112.00 (Rupees One Lacs Seventeen Thousand One Hundred Twelve Only) received along with your tender will be treated and converted as a part of Security Deposit. Please deposit Rs. 3,81,388.00 (Rupees Three Lakhs Eighty One Thousand Three Hundred Eighty Eight Only) towards balance Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bill as per conditions of clause no. 1A on page 16 of Clause of Contract of contract document.
4. आपसे अनुरोध है कि संविदा श्रमिक प्रावधान (विनिमय एवं उन्मूलन) एक्ट 1970, श्रमिक प्रावधान (विनिमय एवं उन्मूलन)-केन्द्रीय नियम 1971, न्यूनतम मजदूरी अधिनियम एवं इस सम्बन्ध में केन्द्र/राज्य सरकार के नियमों का पालन करना सुनिश्चित करें।
4. You are requested to comply with the provisions 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 with upto date amendments.
5. आपको निर्देशित किया जाता है कि आप तुरन्त प्रभाव से सहायक महाप्रबन्धक (अभि0-वि0), भा.वि.प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी से सम्पर्क करें जो आपको कार्यस्थल सौपने की व्यवस्था करेंगे।
5. You are also directed to contact Asstt. General Manager (Engg.-E), AAI, LBSI Airport, Varanasi immediately who will arrange to hand over the site to you.
6. कृपया ध्यान दें कि कार्य पूर्ण करने की अवधि चार (4) माह है जो कि इस पत्र के जारी होने के 10 वें दिन के पश्चात या साईट सौपने के दिन जो भी पहले हो से प्रभावी मानी जाएगी।
6. Please note that the time allowed for carrying out the work period is **Four (4) Months** and the same shall be reckoned from 10th day after issue of this letter or actual taking over the site whichever is earlier.
7. संविदा के सन्दर्भ में किसी भी प्रकार का पत्राचार सामान्यतः संयुक्त महाप्रबन्धक (अभि0-वि0), भा.वि.प्रा., लाल बहादुर शास्त्री अन्तरराष्ट्रीय हवाई अड्डा, वाराणसी को सम्बोधित करें।
7. Any further correspondence in connection with the contract should normally be addressed to the Jt. General Manager (E-E), AAI, Lal Bahadur Shastri International Airport, Varanasi.
8. कृपया इस पत्र की पावती भेजें एवं पत्र कि अनुलिपि जो कि संलग्न है को हस्ताक्षरित कर अधोहस्ताक्षरी को स्वीकृत चिन्ह के रूप में वापस करें।
8. 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.

शेष पृष्ठ 3 पर

21.11.2012
Jdms



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9 उपरोक्त के हिन्दी पाठ में कोई अन्तर या द्विधार्थकता होने की स्थिति में अंग्रेजी पाठ मान्य होगा।

In case of difference or ambiguity in Hindi and English version, the English version will prevail.

धन्यवाद।

संलग्नक- यथोपरि

Encl:- As above

भवदीय

21/11/2017
कृते अध्यक्ष

संयुक्त महाप्रबंधक (अभि०-विद्युत)

For and on behalf of the chairman, AAI
Jt. General Manager (Engg,-E)

SCHEDULE OF QUANTITY

Name of Work :- Replacement of Fire Alarm Detection System including Operation & Maintenance of Fire Alarm System & existing Fire Fighting System at LBSI Airport Varanasi

S. N.	Description of Items	Unit	Qty	Rate	Amount
1	SH-1: Supply, Installation, Testing & Commissioning Supply, installation, testing and commissioning of Networkable Microprocessor based 10 Loops intelligent Addressable Fire Alarm Control panel with minimum 168 character LCD display. The panel should be equipped with loop capacity to take minimum 100+100 intelligent addressable detectors/devices in one loop. Minimum Two access levels, capable of taking Protocol devices. Graphical Display, sufficient numbers of programmable relay controls for controlling fire pump room, monitoring of fire sprinkler and fire hydrant pump, 240 Volts, 50 Hz AC Power supply, automatic battery charger, 24 Volts sealed maintenance free lead acid batteries sufficient for 24 hours normal working and then be capable of operating the system for 2 hours during an emergency conditions as required. The panel shall be UL/EN listed including SITC of IP based Autodialler. 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 have necessary provisions for interfacing with Building Management System with open protocol BACNET / MODBUS etc. complete as per specification and site requirement and including suitable network &/or communication card/port/BMS card (as applicable) shall be provisioned for the same, including dismantling of old/faulty panel complete as required.	Each	1	1000000.00	1000000.00
2	Supply, Installation, Testing & Commissioning of Graphic User Interface (GUI) / Operator work station with PC having Intel Pentium i5 Processor including Serial ports (RS232) and USB ports and following accessories etc. complete with software all as specified): a. 4 Gigabytes of RAM b. 1 TB SSD hard disk c. 27" LED colour monitor d. Mouse with Mouse Pad e. Standard Key Board f. Latest Windows Operating System (10 or above) g. B & W Multifunction Laser Printer (A4 size) - 1 No. h. Software for Automatic Fire Detection and Alarm System compatible with the Fire Alarm System to be installed (with Lifetime Usage Key/Dongle) i. Compatible UPS 800 VA (minimum)- 01 No.	Each	1	500000.00	500000.00
3	Supply, installation, testing and commissioning of UL/EN listed (Latest version) intelligent addressable Multi Criteria Detector {Smoke + heat (fixed and rate of rise)} with inbuilt fault isolator / isolator base, with unique optical sensing chamber, visible LED, fully coated circuit board, superior RF/Transient protection suitable for 2 wires loop connection, with electronic/rotary switch/suitable addressing feature to programme the detectors complete with plug into common separate base & housing constructed of LEXAN (or polycarbonate equivalent) including rectification of all existing loops suitable to interface with the existing Addressable Fire Alarm system including plug in common base including dismantling of old/faulty detectors complete as required.	Each	500	3000.00	1500000.00
4	Supply, installation, testing and commissioning of UL/EN listed (Latest version) intelligent addressable Manual Pull Station (not break glass type) with inbuilt fault isolator / isolator module suitable for semi flush mounting 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 specification including dismantling of old/faulty MCPs complete as required	Each	10	5500.00	55000.00

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S. N.	Description of Items	Unit	Qty	Rate	Amount
5	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 & Ventillation/Pressurisation fans/hooter complete with termination etc as required and as per enclosed specification.	Each	2	5000.00	10000.00
6	Supply, installation, testing and commissioning of UL/EN listed(Latest version) intelligent addressable Monitor module with inbuilt fault isolator / isolator module for connecting flow switch/pressure switch and other external system with fire alarm system complete with termination etc as required and as per enclosed specification.	Each	2	5000.00	10000.00
7	Supply, installation, testing and commissioning of UL/EN listed(Latest version) Response Indicator(LED in polycarbonate housing) for getting fire indications of detectors i/c mounting boxes installed above false ceiling area interconnecting to loop cable etc. complete with termination etc as required and as per enclosed specification including dismantling of old/faulty response indicators complete as required	Each	50	500.00	25000.00
8	Supply, installation, testing and commissioning of UL/EN listed(Latest version) Wall mounted Hooter-cum-strobe with inbuilt fault isolator / isolator module with minimum 90dB to Max. 120 dB output at a distance of 1mtr. and with required power supply converter (230VAC to 12/24V DC) complete with termination etc as required and as per enclosed specification	Each	10	5500.00	55000.00
9	Supply, installation, testing and commissioning of UL/EN listed(Latest version) Addressable Motorised Auto Align Project Beam detector with transmitter, receiver & control panel suitable to interface with the Addressable Fire Alarm system including dismantling of old/faulty items complete as required.	Each	2	60000.00	120000.00
10	Supplying & Laying of 2C X 1.5 Sq. mm. Armoured FRLSZH Copper Cable 1100V grade as per IS 7098(Part 1) 1988, amended upto date on surface/existing conduit/existing trench/raceway etc complete as required.	Mtr.	5000	150.00	750000.00
SH-2:Annual Maintenance & Operations of Fire Alarm System & Existing Fire Hydrant System					
11	Annual maintenance & operations of Fire Alarm System & Fire Fighting system involving operation, attending to complaints and taking rectification action, ensuring serviceability/ satisfactory working condition of the systems, carrying-out preventive & routine maintenance, maintenance of records/ documents etc. by deputing one no. fire trained skilled manpower and one no. semi-skilled manpower in two shifts on all days including Sundays and holidays as per tender specifications, terms & conditions included in this contract.	Month	24	40000.00	960000.00
Total					4985000.00

Amount in words : Forty Nine Lacs Eighty Five Thousand Only.

Jt. General Manager/Engg.(E)
AAI, LBSI Airport Varanasi.

51/11/2022