



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Ref : AAI/VZ/ENGG (E)/CW/WO-04/22-23/52/

Date: 02/08/2022

To
M/s Quality Engineering Services,
D. No. 39-16-791, Srikantha Nagar,
Road No. 9, Arilova,
Visakhapatnam - 530040
Email : qualityengineeringvizag@gmail.com

// SPEED POST //
email

Name of work : Replacement of Fire alarm detectors and FAS panel and Replacement of AC Units & Air curtains at MSSR Building, Yarada hills AAI Visakhapatnam.

- Ref
1. Our tender ref. No. 2022_AAI_110655_1 at NIC CPP e-portal.
 2. Your price-bid opened on 12/07/2022.
 3. AAI mail dated 15/07/2022 - Reg. Negotiation.
 4. M/s. Quality Engineering Services, Visakhapatnam letter No. Nil dated 18/07/2022 - Reg. Negotiation.

प्रिय महोदय / Dear Sir(s),

1. ऊपर उल्लिखित कार्य के लिए आपका टेंडर जी.एस.टी छोड़कर उद्धृत दरों यानी - **रु 12,23,070/-** (केवल बारह लाख तेईस हजार सत्तर रुपए) पर भारतीय विमानपत्तन प्राधिकरण के अध्यक्ष की ओर से स्वीकार किया गया है, जो जी.एस.टी को छोड़कर तथा छूट के बाद अनुमानित लागत से **4.46%** के ऊपर है - **रु 11,70,854/-** (जी.एस.टी को छोड़कर)।

Your tender for the work mentioned above is here by accepted on behalf of the Chairman, Airports Authority of India at the quoted rates amounting to **Rs. 12,23,070/- (Rupees Twelve lakhs twenty three thousand and seventy only)** excluding GST and after discount, which is **4.46% above** the estimated cost of **Rs. 11,70,854/- (Excluding GST)**.

2. वरिष्ठ प्रबंधक (अभि -वि) विशाखपट्टणम हवाईअड्डा कार्य के अभियंता प्रभारी होंगे। आपसे अनुरोध है कि अपने अधिकृत प्रतिनिधि को प्रतिनियुक्त करें जो वरिष्ठ प्रबंधक (अभि -वि) विशाखपट्टणम के कार्यालय में **11/08/2022** तक उपस्थित होकर अनुबंध समझौते पर हस्ताक्षर करके समझौते पूरा करने का अधिकार है। अनुबंध समझौते को 100/- मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टैप पेपर की लागत आपके द्वारा वहन की जाएगी।

Senior Manager Engg (Elect), Visakhapatnam 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 Senior Manager Engg (Elect), Visakhapatnam by **11/08/2022** to sign and complete the Agreement. The Contract Agreement shall be executed on a non- judicial stamp paper of value of **Rs. 100/-** and the cost of the stamp paper shall be borne by you.

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3. कृपया इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सिक्क्योरिटी डिपॉजिट के रूप में रु **1,22,307/-** (केवल एक लाख बाईस हजार तीन सौ सात रुपए) जमा करें, विफल होने से GCC पृष्ठ - 18 पर अनुबंध की शर्त 1(ए) के अनुसार आपके बिल से कटौती की जाएगी।

Please deposit **Rs. 1,22,307/- (Rupees One lakh twenty two thousand three hundred and seven only)** towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your bill as per condition 1(A) on GCC page - 18 of the contract document.

4. आपसे अनुरोध है कि 1970 के ठेका श्रम (विनियमन और उन्मूलन) अधिनियम और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम, 1986 के प्रावधानों का पालन करने के लिए निर्माण श्रमिक (रोजगार और शर्तों का विनियमन) सेवा अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम, 1996 जैसा कि जीसीसी और न्यूनतम मजदूरी अधिनियम, 1948 और कर्मचारी भविष्य निधि और विविध में निर्दिष्ट है। प्रावधान अधिनियम, 1952 और ईएसआई अधिनियम, 1948 जैसा कि निविदा के जीसीसी और उसके नियमों में निर्दिष्ट है केंद्र और राज्य सरकारें।

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, Child Labour (Prohibition & Regulation) Act, 1986 Construction Workers (Regulation of Employment and Conditions of Service) Act 1996, Building and other construction workers welfare cess Act, 1996 as specified in GCC and minimum wages act, 1948 and Employees Provident Fund & Misc. Provisions Act, 1952 and ESI Act, 1948 as specified in GCC of tender and rules thereof Central and State Governments.

5. आपको प्रबंधक (इंजी-विद्युत)-III, विशाखपट्टणम हवाईअड्डा से तुरंत संपर्क करने के लिए निर्देशित किया जाता है जो आपको साइट सौंपने की व्यवस्था करेगा।

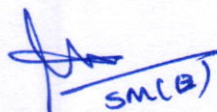
You are also directed to contact Manager Engg. (Elect)-III / Visakhapatnam Airport immediately who will arrange to handover the site to you.

6. कृपया ध्यान दें कि कार्य पूरा करने के लिए अनुमत समय **०४ (चार) महीने** का होगा जो इस पत्र जारी करने का १० वीं दिन से माना जाएगा।

Please note that time allowed for completion of the work shall be **04 (Four) months** which shall be reckoned from **10th day** of placing the letter.

7. इस संविदा के संबंध में आगे की कोई पत्राचार के लिए **वरिष्ठ प्रबंधक (अभि -वि)**, भा.वि.प्रा, विशाखपट्टणम - ५३०००९ को संबोधित किया जाना चाहिए।

Any further correspondence in connection with this contract should normally be addressed to **Senior Manager Engg (Elect)**, AAI, Visakhapatnam Airport, Visakhapatnam - 530 009.


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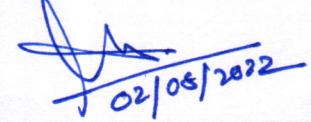
8. कृपया प्राप्ति की पावती भेजें और स्वीकृति टोकन के रूप में अधोहस्ताक्षरी की हस्ताक्षर के बाद इस पत्र की डुप्लिकेट कॉपी को वापस भेजें।

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.

संलग्न: 03 पृष्ठ की अनुसूची

Encl : Schedule of quantities 03 page

भवदीय / Yours faithfully,



[मनोज कुमार साहू / MANOJ KUMAR SAHOO]

वरिष्ठ प्रबंधक (अभि -वि) / Senior Manager Engg. (Elect)

आधायक्ष, भा वि प्रा, की ओर से / On behalf of Chairman, AAI

भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India

विशाखपट्टणम हवाईअड्डा / Visakhapatnam Airport

विशाखपट्टणम / Visakhapatnam - 530 009

मनोज कुमार साहू / Manoj Kumar Sahoo
वरिष्ठ प्रबंधक (अभि-विद्युत) / Sr. Manager (Engg-E)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
विशाखपट्टणम हवाईअड्डा / Visakhapatnam Airport

ध्यान दें : व्याख्या के संबंध में किसी भी विवाद की स्थिति में अंग्रेजी पाठ को प्रामाणिक माना जाएगा।

Note : In the event of any dispute regarding interpretation the English text will be treated as authentic.

Visakhapatnam Airport,
Visakhapatnam - 530 009.

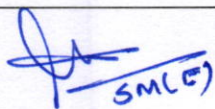
E-Mail : elavz@aai.aero & manojasahoo@aai.aero
Phone No. 0891-2851104 & 2851150

WORK ORDER SCHEDULE OF QUANTITIES - 'A'

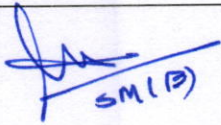
Name of work : Replacement of Fire alarm detectors and FAS panel and AC units & Air curtains at MSSR building, Yarada hills AAI Visakhapatnam.

Tender id No. 2022_AAI_110655_1

Item No.	Description of item	Qty	Unit	Rate	Amount
	SH-I :Replacement of Fire alarm detectors & FAS panel				
1	SITC of UL/EN listed (latest version) intelligent addressable multisensor 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 polycarbonate complete with connections etc. as required and to be installed under/ above false ceiling roof and concealed space including dismantling of existing smoke and heat detectors and submission to AAI store complete as required as per technical specifications. (Cost of plug in common base shall deemed to be included in cost of detectors)	55	No	2950.00	162250.00
2	SITC of UL/EN listed (Latest Version) intelligent Addressable type Heat Detector (Fixed cum-rate of rise type) with inbuilt fault isolator / isolator base with range upto 60° C complete with all fixing accessories like base, base box, self adhesive sticker indicating loop number and address etc. to be installed under/above false ceiling, roof and concealed space,interconnecting to loop cable including dismantling of existing smoke and heat detectors and submission to AAI store complete as required as per technical specifications.	2	No	3000.00	6000.00
3	SITC of UL/EN listed (latest version) intelligent addressable Manual Pull station (not break glass type) suitable for semi flush mounting 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 poly carbonate equivalent with clear operating instruction complete with connections including dismantling of existing mannual call station and submission to AAI store etc. as required as per technical specifications.	5	No	2600.00	13000.00
4	SITC of UL/EN listed (latest version) loop powered addressable Hooter-cum- strobe with inbuilt fault isolator / isolator module with minimum 90dB output at a distance of 1 mtr. including dismantling of existing hooters and submission to AAI store etc. as required and as per technical specifications.	5	No	3700.00	18500.00
5	SITC of UL/EN listed (Latest Version) Addressable type fault isolator for isolating shorted, de-linked and loose circuits between two successive fault isolators with automatic resetting arrangement to be interconnecting to loop cable including dismantling of existing fault Isolator and submission to AAI store etc. complete as required and as per technical specifications.	2	No	2800.00	5600.00


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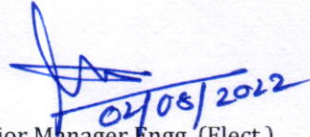
Item No.	Description of item	Qty	Unit	Rate	Amount
6	SITC of UL/EN listed Microprocessor based Intelligent Analogue Addressable type Fire alarm control panel of two loop, each loop having capacity of connecting minimum 99 +99 intelligent addressable detectors and device in any combination, with minimum 80 character LCD display, zone creatable, event historical logging, flash EPROM, CPU Main Board, 24 volts sealed lead acid batteries sufficient for 24 hours running in normal condition and 30 minutes in alarm condition,sufficient serial ports, programmable at site,including supply of autodialer and connecting with fire control panel, dismantling of existing panel and submission to AAI store etc. complete as required as per technical specifications. etc complete as required.	1	No	130000.00	130000.00
7	Supply, Laying, Fixing, Testing and Commissioning of XLPE insulated, PVC sheathed 2c x 1.5 sq.mm FRLS , stranded copper conductor , armoured cable,600/1100V conforming to IS 7098 (Part I) with upto date amendments including both end terminations with copper lugs & glands etc. on existing cable tray / surface suitably clamped as per site requirement complete as required.	662	Mts	82.00	54284.00
8	Supply installation testing and commisioning of 24V dc power supply system, it shall provide supplies to hooter/conventional sounder/strobers . It shall have LED indications for power supply ON, batter fail, battery charging etc ,shall have inbuilt battery charging circuit with 2 no of 12 V, 7 AH batteries.	5	No	2800.00	14000.00
9	SITC of UL/EN listed (latest version) Intelligent addressable Control Module/ Relay Module (output module) with inbuilt fault isolator / isolator module for activate hooter/conventional sounders/strobers etc complete with termination etc. complete as required and as per technical specifications.	10	No	2800.00	28000.00
10	Supply, installation, testing and commissioning of Response Indicators (metal plate) for getting fire indications of detectors installed above false ceiling area interconnecting to loop cable complete as required.	24	EA	155.00	3720.00
	SH-II : Replacement of AC Units & Air curtains				
11	SITC of 2.0 TR Split Inverter Cool Type air conditioner unit fitted with copper tube condensor, hermetically sealed rotary compressors operating on refrigerant R-32 / Non CFC, 5 Star Rating, suitable for wall mounting with cordless remote and operation on 230V, 50Hz single phase A.C supply including fixing the outdoor unit with fabricated MS Stand etc complete as required and as per enclosed technical specification including supply of suitable size of Copper tube with nitrile insulation and suitable size PVC insulated FR type cu wire of 3 mtr length.(Noter: Cost of gas charging as per site requirement is also included in this item.)	3	EA	50000.00	150000.00


SM (B)

Item No.	Description of item	Qty	Unit	Rate	Amount
12	SITC of 3.0 TR vertical split type air conditioner of floor mounting type fitted with copper tube condensor, rotary compressors operating on refrigerant R-32 /Non CFC, with cordless remote and operation on 415V, 50 Hz three phase A.C supply including fixing the outdoor unit with fabricated MS Stand or as per site specification including supply & interconnection of suitable size of Copper tube with nitrile insulation and suitable size PVC insulated FR type copper wire of 3 mtr length. (Note: Cost of gas charging as per site requirement is also included in this item.)	5	EA	101000.00	505000.00
13	Supply and fixing of extra refrigerant copper piping with nitrile insulation (if required) and PVC insulated FR type copper wire suitable for 3.0 TR Vertical Split AC unit as mention In BOQ item No. -12 etc complete as required	45	Meter	1350.00	60750.00
14	Supply and fixing of extra refrigerant copper piping with nitrile insulation (if required) and PVC insulated FR type copper wire suitable for 2.0 TR Split AC unit as mention in BOQ Item No-11 etc complete as required.	3	Meter	950.00	2850.00
15	Supply and fixing of drain pipe connection from indoor to outside wall including all accessories etc complete as required.	50	Meter	250.00	12500.00
16	SITC of RO + UV storage type water purifier with minimum storage capacity of 6ltr ,minimum flow rate 15 LPH, Filter Change Alarm,UV fail Alaram, including 20" external prefilter and fully automatic operated suitable for 230V , 50 Hz AC supply etc . (Simillar to Make:EUREKA FORBES/KENT/AQUA)	3	EA	21000.00	63000.00
17	Supply and fixing of dual AC Controller with protection of AC against under voltage,Over voltage,under load & over load,alarm for AC fail,power fail & high temprature and suitable for operating at 230V±10%, 50 Hz,Single Phase A.C.Supply. (Simillar to make Minilec,Model:-PROTOCOLM4)	9	EA	7200.00	64800.00
	Total amount excluding GST				1294254.00
	Less : Discount @ 5.5%				-71183.97
	Total after discount				1223070.03
	Say :				1223070.00

(Rupees Twelve lakhs twenty three thousand and seventy only)

* Note : Rates quoted are excluding GST.


 04/08/2012
 Senior Manager Engg. (Elect.)
 AAI / Visakhapatnam

मनोज कुमार साहू /Manoj Kumar Sahoo
वरिष्ठ प्रबंधक (अभि-विद्युत)/Sr. Manager (Engg-E)
भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India
विशाखपट्टणम हवाईअड्डा/Visakhapatnam Airport