

संदर्भ संख्या : भाविप्रा/इंदौर/अभि. वि/कार्य आदेश-06/2025-26/477-87 दिनांक : 04/06/2025
Ref. No.: AAI/ID/ENGG(E)/WO-06/2025-26 Date: 04/06/2025

प्रति,

मेसर्स फोकस आई टेक्नोक्राफ्ट प्राईवेट लिमिटेड,

एफबी-176, स्कीम नं. 94,

पिपलीहाना स्वयंसेवक रोड,

बिहाईन्ड कासलीवाल होंडा, रिंग रोड,

इन्दौर - 452016

M/s Focus Eye Technocraft Private Limited,

FB-176, Scheme No. 94,

Pipliyahana Square Service Road,

Behind Kashliwal Honda, Ring Road,

Indore - 452016

कार्य का नाम:- रिकॉन्फिगरेशन ऑफ इंटीग्रेटेड टर्मिनल बिल्डिंग एंड रेनोवेशन ऑफ ओल्ड टर्मिनल बिल्डिंग
एट दे.अ.बा.हो. एयरपोर्ट, इन्दौर।

सबहेड: प्रोविजन ऑफ एफआईडीएस, पीए सिस्टम एंड सीसीटीवी।

Name of Work: - Reconfiguration of Integrated Terminal Building & Renovation of Old Terminal Building at DABH Airport, Indore.

SH: Provision of FIDS, PA System & CCTV.

संदर्भ :- 1) आपकी दिनांक 29/05/2025 को खोली गई ई-निविदा 2025_AAI_224989

एवं रिवर्स ऑक्शन दिनांक 30.05.2025

Your E-Tender No.2025_AAI_224989 Opened on dated 29/05/2025 and Reverse Auction carried out on 30/05/2025.

प्रिय महोदय / Dear Sir,

- उपरोक्त कार्य हेतु आपका टेण्डर, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से, आपके द्वारा बताये गये मद मुल्यों पर आपकी टेण्डर राशि कुल लागत ₹ 3,53,69,478/- (रुपये तीन करोड़ तिरेपन लाख उनहत्तर हजार चार सौ अठत्तर मात्र जी.एस.टी. रहित) है, जो कि टेण्डर की अनुमानित लागत राशि ₹ 3,83,60,699/- जी.एस.टी. रहित से 7.80 % (लगभग) कम है, पर स्वीकृत किया जाता है।

Your Tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to ₹ 3,53,69,478/- (Rupees Three Crore Fifty Three Lakh Sixty Nine Thousand Four Hundred Seventy Eight Only Excluding GST) which is 7.80% (Approx.) below the Estimated cost put to tender of ₹ 3,83,60,699/- Excluding GST.

- उप महाप्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो कि करारनामों पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 19.06.2025 तक उप महाप्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर के कार्यालय में उपस्थित हो तथा करारनामों को पूरा करें। ठेके का करारनामा रुपये 100/- के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा, तथा स्टाम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Continued on page No. ...02

-02-

The Deputy General Manager (Engg.-Elect.) AAI, DABH Airport, Indore 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 Deputy General Manager (Engg.-Elect.), AAI, DABH Airport, Indore by 19.06.2025 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of Rs. 100/- and the cost of Stamp paper shall be borne by you.

3. कृपया ₹ 35,36,948.00 (रुपये पैंतीस लाख छत्तीस हजार नौ सौ अड़तालीस मात्र) प्रतिभूति जमा के रूप में यह पत्र के जारी करने की तारीख से 10 दिन के अंदर जमा कीजिए, अन्यथा यह राशि ठेका दस्तावेज के जीसीसी के पृष्ठ क्र. 26 के Clause '1A' की शर्त के अनुसार काटी जाएगी।

Please deposit ₹ 35,36,948.00 (Rupees Thirty Five Lakh Thirty Six Thousand Nine Hundred Forty Eight Only) towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted as per condition of Clause '1A' on page no. 26 of GCC of the contract document.

4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम (नियमन तथा उन्मुलन) तथा 1971 के केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मुलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों का अनुपालन करेंगे।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 and Minimum Wages Act & Rules thereof Central and State Government.

5. आपको निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (अभि.-विद्युत), भाविप्रा, दे. अ.बा.हो. विमानतल, इन्दौर से मिलें वह आपको साईट सौपने की व्यवस्था करेंगे। कृपया नोट कर लें कि काम करने का अनुमानित समय 75 (पचहत्तर) दिन है जो कि इस पत्र के जारी करने के 10 दिन बाद से गिना जाएगा।

You are also directed to contact Asstt. General Manager (Engg-E), AAI, DABH Airport Indore immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work is 75 (Seventy Five) Days which shall be reckoned from the 10th day after issue of this Letter.

Continued on page No.03



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

देवी अहिल्याबाई होलकर विमानपत्तन, इंदौर-452 005

(आई.एस.ओ.9001:2015 आई.एस.ओ.14001: 2015 एवं आई.एस.ओ. 45001:2018 प्रमाणित विमानतल)

DEVI AHILYA BAI HOLKAR AIRPORT, INDORE-452 005

(ISO 9001:2015, ISO 14001: 2015 & ISO 45001: 2018 Certified Airport)

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6. इस ठेके के संबंध में आगे कोई भी पत्राचार उप महाप्रबंधक (अभि.-विद्युत), भा.वि.प्रा., दे.अ. बा. हो. विमानतल, इन्दौर म.प्र.-452005 के पते पर किया जाए।

Any further correspondence in connection with this contract should normally be addressed to Deputy General Manager (Engg. -E), AAI, D.A.B.H. Airport, Indore, M.P.- 452005.

7. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।

All letters referred above shall form part of contract.

8. ठेका दस्तावेज की शर्तों के अनुसार त्रुटि दायित्व अवधि 12 (बारह) माह की होगी जोकि कार्य समाप्ति के बाद से गिनी जायेगी।

The Defects Liability Period will be 12 (Twelve) Months from the recorded date of Completion of work as per terms of Contract.

9. कृपया पावती भेजें एवं आपकी स्वीकृति के प्रतीक के रूप में इस कार्य आदेश की डुप्लीकेट प्रति पर हस्ताक्षर कर अधोहस्ताक्षरी को पुनः भेजने का कष्ट करें।

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.

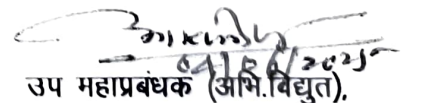
10. यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।

If there is any discrepancy between English and Hindi, then meaning derived in English will be given precedence.

धन्यवाद / Thanking You,

संलग्न / Enclosure: 1) Schedule 'A' - 05 Pages.

भवदीय / Yours Faithfully,


उप महाप्रबंधक (अभि.विद्युत),

Deputy General Manager (Engg-Elect)

भा.वि.प्रा. इन्दौर विमानतल, इन्दौर

AAI, D.A.B.H. AIRPORT, INDORE



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

देवी अहिल्याबाई होलकर विमानपत्तन, इंदौर-452 005

(आई.एस.ओ.9001:2015 आई.एस.ओ.14001: 2015 एवं आई.एस.ओ. 45001:2018 प्रमाणित विमानतल)

DEVI AHILYA BAI HOLKAR AIRPORT, INDORE-452 005

(ISO 9001:2015, ISO 14001: 2015 & ISO 45001: 2018 Certified Airport)

आंतरिक वितरण / Internal Distribution :

1. विमानपत्तन निदेशक भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।
Airport Director, AAI, D.A.B.H. Airport, Indore.
2. उप महाप्रबंधक (अभि.-सिविल), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।
Dept. General Manger (Engg.-Civil), AAI, D.A.B.H. Airport, Indore.
3. सहायक महाप्रबंधक (अभि.-वि.), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।
Asstt. General Manger (Engg.-Elect.), AAI, D.A.B.H. Airport, Indore.
4. प्रभारी (वित्त), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।
In-charge (Finance), AAI, D.A.B.H. Airport, Indore.
5. प्रबंधक (अभि.-विद्युत), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।
Manager. (Engg. Elect.), AAI, D.A.B.H. Airport, Indore.
6. कनिष्ठ कार्यपालक, (अभि.-विद्युत) भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।
JE (Engg. Elect.), AAI, D.A.B.H. Airport, Indore.
7. कार्य फाईल/ Work file
8. अनुबंध/Agreement

04/08/2023
उप महाप्रबंधक (अभि.विद्युत),
Deputy General Manager (Engg-Elect)
भा.वि.प्रा. इन्दौर विमानतल, इन्दौर
AAI, D.A.B.H. AIRPORT, INDORE

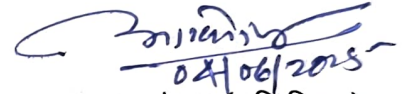
देवी अहिल्याबाई होलकर विमानतल इन्दौर दूरभाष -- 0731-2626609

DEVI AHILYA BAI HOLKAR AIRPORT INDORE PHONE 0731-2626609

NOO :

बाह्य वितरण / External Distri

1. महाप्रबंधक (अभियांत्रिकी.), भाविप्रा, एकीकृत प्रचालन कार्यालय भवन, न्यू एयरपोर्ट कॉलोनी, पारसीवाड़ा के सामने, सहार रोड़, विले पार्ले (पूर्व), मुम्बई-400099
General Manager (Engg.), AAI, Integrated Operational Office Bldg., New Airport Colony, Opp. Parsiwada, Sahar Road, Andheri (East), Mumbai - 400099


04/06/2015

उप महाप्रबंधक (अभि.विद्युत),
Deputy General Manager (Engg-Elect)
भा.वि.प्रा. इन्दौर विमानतल, इन्दौर
AAI, D.A.B.H. AIRPORT, INDORE



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

देवी अहिल्याबाई होलकर विमानपत्तन, इंदौर-452 005

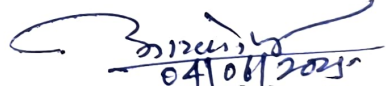
(आई.एस.ओ.9001:2015 आई.एस.ओ.14001: 2015 एवं आई.एस.ओ. 45001:2018 प्रमाणित विमानतल)

DEVI AHILYA BAI HOLKAR AIRPORT, INDORE-452 005

(ISO 9001:2015, ISO 14001: 2015 & ISO 45001: 2018 Certified Airport)

आंतरिक वितरण / Internal Distribution :

1. विमानपत्तन निदेशक भा.वि.प्रा.,दे.अ.बा.होलकर विमानतल, इन्दौर।
Airport Director, AAI, D.A.B.H. Airport, Indore.
2. उप महाप्रबंधक (अभि.-सिविल), भा.वि.प्रा.,दे.अ.बा.होलकर विमानतल, इन्दौर।
Dept. General Manger (Engg.-Civil), AAI, D.A.B.H. Airport, Indore.
3. सहायक महाप्रबंधक (अभि.-वि.), भा.वि.प्रा.,दे.अ.बा.होलकर विमानतल, इन्दौर।
Asstt. General Manger (Engg.-Elect.), AAI, D.A.B.H. Airport, Indore.
4. प्रभारी (वित्त), भा.वि.प्रा.,दे.अ.बा.होलकर विमानतल, इन्दौर।
In-charge (Finance), AAI, D.A.B.H. Airport, Indore.
5. प्रबंधक (अभि-विद्युत), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।
Manager. (Engg. Elect.), AAI, D.A.B.H. Airport, Indore.
6. कनिष्ठ कार्यपालक, (अभि-विद्युत) भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।
JE (Engg. Elect.), AAI, D.A.B.H. Airport, Indore.
7. कार्य फाईल/ Work file
8. अनुबंध/Agreement


04/06/2025

उप महाप्रबंधक (अभि.विद्युत),
Deputy General Manager (Engg-Elect)
भा.वि.प्रा. इन्दौर विमानतल, इन्दौर
AAI, D.A.B.H. AIRPORT, INDORE

SCHEDULE OF QUANTITY

Configuration of Integrated Terminal Building & Renovation of Old Terminal Building at DABH Airport, Indore.
Provision of FIDS, PA System & CCTV.

Sl. No.	Product Description	Unit	Qty	Unit Price	Total Amount
SH: CCTV Cameras					
1	Supply, Installation, Testing and commissioning of IP PTZ DAY/NIGHT COLOUR MEGA PIXEL ONVIF OUTDOOR CAMERA Image Device: ~ 1/2.8" or better CCD/CMOS sensor, Focal length (For Outdoor Camera): ~ 4.5 mm 135 mm, MFZ, P-iris or better, Optical zoom (For Outdoor Camera): 30 x or better, Number of Pixels: 1920 x 1080, Resolution: 1080p HD @Max Frame Rate (60 Hz/50 Hz):60/50 fps or better, Minimum Illumination : B/W: 0.007 lux or better; Colour: 0.01 Lux or better, Pan Travel: 360° Continuous, Tilt Travel: 0 - 90°, SD Card: Support upto 1TB (Encrypted storage), Power supply (Outdoor): IEEE 802.3bt PoE++ Type 4 Class 7 24VAC 48VDC, (Support Dual Power Redundancy) ,Housing (Outdoor): IP 66 rated, NEMA4x, IK10 certified for vandal proof rating, Mount: Surface/Ceiling/pipe/corner/parapet/ pendant with wall mount bracket/In Ceiling as required. The camera OEM housing and mount should be: Of the same make as that of camera and suitable for the model number offered as specified by the manufacturer and should be an integrated unit, CE certified & UL listed. Should have all the features as mentioned in tender with back box & pole mount, complete etc. as required.	Nos	5	225,439.25	1127196.23
2	Supply, Installation, Testing and commissioning of IP DAY/NIGHT MVF COLOUR MEGA PIXEL ONVIF OUTDOOR BULLET CAMERA; Image Device: ~ 1/2.8" CMOS sensor; Lens : f ~ 4.7-47 mm (+/- 10% for Outdoor Camera), P-Iris or better; Number of Pixels : 1920 X 1080; Resolution: 1080p HD @Max Frame Rate (60 Hz/50 Hz):60/50 fps or better; Minimum Illumination : B/W: 0.01 Lux or better; Colour: 0.02 Lux or better; Outdoor cameras: With IR sensor; Video Stream: Quad streaming H.264 or Better video stream for independent viewing and recording; Wide Dynamic Range (WDR): True WDR 120dB or better; SD Card: up to 2TB (encrypted Storage);Power supply (Outdoor): PoE IEEE 802.3af, PoE+ IEEE 802.3at Type 2 Class 4 24 VAC (Support Dual Power Redundancy);Housing (Outdoor): IP 66 rated, IP67, NEMA 4x and IK10, Mount: Surface/Ceiling/pipe/corner/parapet/pendant with wall mount bracket/In Ceiling as required ,Of the same make as that of camera and suitable for the model number offered as specified by the manufacturer and should be an integrated unit ,CE certified & UL listed; complete with all accessories. Should have all the features as mentioned in tender. with back box & pole mount, complete etc. as required.	Nos	58	82,251.75	4770601.43
3	Supply, Installation, Testing and commissioning of IP DAY/NIGHT MVF COLOUR MEGA PIXEL ONVIF DOME CAMERA; 5MP Resolution (2560 x 1920), H.265 H.265 Bullet Camera, True day / night, Up to 70m IR distance with Smart IR, Shutter Speed 1/4s to 1/32000s, Memory Capacity 1GB RAM and 512MB Flash, Focal Length 2.7mm to 13.5mm, P-iris, 30fps @ all resolution (up to 60 fps on resolution of 1920x1080), Image Setting with time stamp, text overlay, flip & mirror, ROI, Saturation, Brightness, Contrast, Wide Dynamic, Sharpen, white balance, video rotation, AGC etc. EIS, Slow Shutter support, Defog, Video Privacy 8 zones video mask, Multiple Exposure Method, 2D/3D DNR One Touch Auto-Focus by Motorized V/F Lens, True WDR up to 120dB, 3D DNR, Triple streams, Smart codec by ROI, 2-way Audio with built-in MIC & Alarm IN/OUT, On-board Encrypted Storage, Advanced Intelligent Video Analytics with AI Object Classification with AI Object Analytics, Object Classes: Person, Bicycle, Bus, Car, Motorbike, Train, Truck, Any Class, Trigger Rules: Object Detected, Perimeter, Linger, Dwell, Abandoned / Removed, Enter, Exit, Crowd, Queue, AI Tamper Detection Blackout, Whiteout, Scene Change (FoV tamper), Object Sub-Classes: Person Clothing Colour, Vehicle Colour, Network Protocol TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, TLS, RTSP, ICMP, Unicast, Multicast, NTP, SMTP, WS-Security, SNMP, CIFS, FSTP, UPnP™, SIP, Built-in micro SD card slot, up to 1TB (Encrypted Storage), ONVIF Profile S, G, T & M, Cyber Security Secure Boot, Enhanced Security Mode (forces complex passwords, HTTPS and disables discovery); TLS 1.2 (256 bit cipher minimum); Security Overview Page (status and configuration); RTSP Authentication; IEEE 802.1X Client; Remote Accessible Audit logs; Role-Based Access Control, Video Encryption for local storage and streaming, CE, FCC, UL & BIS, NDAA Compliant IP67 / IK10, Operating Temperature -40°C to 60 °C, 0% ~ 95% relative humidity, complete etc. as required.	Nos	148	43169.22	6389044.17

[Handwritten Signature]

Item	Product Description	Unit	Qty	Unit Price	Total Amount
4	Supply, Installation, Testing and Commissioning of Network Video Recorder 150 IP Channels should support Storage Drive Bays: 12 SATA Processor: intel i7 Processor Cooling: 4 Internal Fans Record to Disk Throughput: 700Mbps, RAM (GB): 32 GB, Storage Drives 3.5" for Storage: 12 Hot Swappable, Per SATA: 20 TB Maximum Storage: 240 TB, RAID 5, OS Drive: 256GB SSD, Operating System support Both Ubuntu Linux & Windows Compatible and supplied with Windows 10 LTSC Video Display Output: 1 x HDMI 2.0b + 1 x DP 1.4a + 1 VGA (3 simultaneous max) USB Front/Back: 2 x USB 3 x / 3 x USB 3.2 Gen2 + 2 x USB 3.2 Gen1 NIC Port: 2 x 2.5 Gbps "Output Max Power (W): 500W (max) 100-240vac", Operating Temperature: 4.5°C to + 35° C, Regulatory certificates: UL, CE, FCC, BIS, NDAA Compliant, 140 TB inbuilt storage for 30 days recording (Resolution 2.0 MP, 25 FPS, 2 MBPS bandwidth, continue recording) with update subscription valid till warranty and AMC period Should have all the features as mentioned in tender, complete etc. as required.	Nos	3	1,199,144.93	3597434.78
5	Supply, Installation, Testing, Commissioning (SITC) of Video Management Software (VMS) for approx 240 cameras, Max server connections per client -512 (thick client), 16 (web client), Operating System should be Linux server compatibility, with Free Windows, Linux and Mac clients, Browser-based viewing of live/stored video, Tablet/Smartphone based viewing of live/stored video, Auto-detect and connect to 1,000s of supported IP cameras, Fish-eye/panoramic lens support (live and recorded), Client bandwidth throttling, Pre-post alarm recording, Soft triggers, Per-camera min/max retention, Time-lapse recording, Extended storage, Archiving, Audit trail, Setup Indicators, Custom user groups, Third-party integrations, Smart search, Email notifications for system health events, Surveillance Keyboard support, Health dashboard of NVRs and attached cameras, Advanced user role management, Dynamic client connection management, Scheduled configuration backups and recoveries, Scheduled version updates LDAP, Active Directory, Compatible with Virtual Appliance, View cameras on multiple monitors, PTZ control and presets, Digital PTZ control and presets, Motion and alarm indication, Event linking on discrete inputs, Event linking on video, serial and health events, Event-driven and time-based video switching, Camera groups, Camera Links, Multi-streaming, Event notifications, Maps, Two-way audio, Hierarchical maps for fast camera navigation, Video Push, Camera inspection workflow, Thumbnail & timeline search, List Search, POS and ATM serial text search, Multi-camera playback, Export to DVD, Export to .AVI, .MP4, .MOV or .EXE file, Multiple camera export, Bookmarking, Case Management, Customizable video wall Data integration from retail and access control systems, The VMS software shall have the capability to run multiple client applications simultaneously on one workstation with multiple monitors. Up to 12 monitors shall be configured on a single workstation with one (1) client application running on each monitor. Because decompressing video is CPU-intensive, the PC workstation shall have multiple core processors with a recommendation of one core for each VMS client application. Access Control System and Video should be seamlessly Integrated. VMS Software should support Virtualisation environments and likely runs in any virtualization environment that presents virtual NIC MAC addresses through the virtualized operating system. VMS Software should support Recorder Hardware Monitoring - Full, Maximum Monitored Recorders 2,000, VMS software shall support on Camera Edge with complete video management system (VMS) software solution that runs directly on an IP camera and stores video to an SD card in the camera, VMS should support 20+ international Language. VMS Software should be Cloud compatible. VMS should be pre-integrated with 100+ third camera OEM, and integrated with 5000+ Different Cameras models, complete etc. as required.	Lot	1	2860680.14	2860680.14
6	Supply, Installation, Testing and commissioning of Enterprise license for one spare failover recorder installed on any, up to 128 IP camera channels, complete etc. as required.	Nos	1	1,582,871.30	1582871.30
7	Supply, Installation, Testing and commissioning of POE SWITCH 24 PORT WITH 2 TRANSRECEIVER, complete etc. as required.	Nos	9	123,655.82	1112902.42
8	Supply, Installation, Testing and commissioning of POE SWITCH 8 PORT WITH 2 TRANSRECEIVER, complete etc. as required.	Nos	9	59,381.66	534434.91
9	Supply, Installation, Testing and commissioning of Core switch 24 port WITH TRANSRECEIVER, complete etc. as required.	Nos	1	1,151,179.13	1151179.13
10	Supply, Installation, Testing and commissioning of RACK 42U 800*1000, complete etc. as required.	Nos	3	49,884.43	149653.29
11	Supply, Installation, Testing and commissioning of RACK 9U 500*600 with fan pdu cable manager, complete etc. as required.	Nos	7	10,744.34	75210.37
12	Supply, Installation, Testing and commissioning of Patch Panel - 24p, complete etc. as required.	Nos	14	10,744.34	150420.74
13	Supply, Installation, Testing and commissioning of patch cord 1 meter, complete etc. as required.	Nos	138	278.20	38391.82

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Product Description		Unit	Qty	Unit Price	Total A
	Supply, Installation, Testing and commissioning of patch cord 2 meter. complete etc. as required.	Nos	10	341.52	3415.16
15	Supply, Installation, Testing and commissioning of Liu 12 port loaded with pigtail & tray. complete etc. as required.	Nos	8	1,146.38	9171.06
16	Supply, Installation, Testing and commissioning of LC-SC PATCH CORD. complete etc. as required.	Nos	32	1,741.16	55717.07
17	Supply, Installation, Testing & Commissioning of industrial grade 24 X 7 working . 55" LED Display Monitor , mouse, keypad accessories as required as per specification complete in all respect. complete etc. as required.	Nos	10	79,143.57	791435.65
18	Supply, Installation, Testing & Commissioning of work station having following specifications:- Processor Intel @ i5 750 2.66 GHz with internal memory of 4 GB RAM. Operating system window 7 professional 64-bit (WOW 64mode) or window 7 professional 32-bit NVIDIA 1 GB independent graphic card. Resolution support for cameras 2560x1600 display resolution capable and direct X true colour 32 bit. Dual link VDI outputs. Client software shall support Dual monitors each displaying 16 cameras simultaneously. A maximum of 32 cameras viewing per workstation at a time. Programmable to sequence. complete etc. as required.	Nos.	2	152,765.31	305530.62
19	Supply, Installation, Testing & Commissioning of Desktop surveillance keypad for Windows and Linux client applications. Includes 10 character numeric entry, 16 user definable buttons, pan/tilt/zoom joystick, left/right arrow wheel. Comes with one year of warranty. complete etc. as required.	Nos.	1	114,686.22	114686.22
20	Supply, Laying, Testing and commissioning of CAT6A Cable on existing wall/surface/tray complete etc. as required.	Mtr	9300	67.15	624514.68
21	Supply, Laying, Testing and commissioning of Armoured CAT6 Cable on existing wall/surface/tray complete etc. as required.	Mtr	3500	86.34	302184.52
22	Supply, Laying, Testing and commissioning of single mode 6 core Multimode Fibre optic cable, Indoor armoured with suitable size medium class PVC conduit pipe, terminations, Junction Box, Connectors, Cable tie's & Tags, slicing and other accessories as required. complete etc. as required.	Mtr	2000	76.75	153490.55
SH: FIDS System					
23	Supply, Installation, Testing & Commissioning of FIDS Servers installed with Core Server software & licenses. complete etc. as required.	Set	1	1,438,973.91	1438973.91
24	Supply, Installation, Testing & Commissioning of FIDS Workstation PCs, with client software. complete etc. as required.	Nos.	2	167,880.29	335760.58
25	Supply, Installation, Testing & Commissioning of Industrial/Professional. Grade 55" LED Display Monitor with floor/ ceiling/wall mount as per site requirement. complete etc. as required.	Nos.	18	79,143.57	1424584.17
26	Supply, Installation, Testing & Commissioning of Layer 2 network Switch 24 ports with 19" wall mount Network Rack of suitable size, Jack Panel & other accessories. complete etc. as required.	Nos.	2	71,948.70	143897.39
27	Supply, Installation, Testing & Commissioning of 3 core 1.5sqmm PVC insulated and FRLSH Round Sheathed Multi Core bright annealed bare copper conductor heavy duty Industrial cable power cable on existing wall/surface/tray with accessories as required. complete etc. as required.	Meter	1200	134.30	161165.08
28	Supply, Laying, Testing & Commissioning of CAT6A cable in existing conduit with accessories including termination with wall/surface mount box as required. complete etc. as required.	Meter	2400	76.75	184188.66
29	Supply and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess / cable tray including cutting the wall and making good the same in case of recessed conduit as required. 25 mm. complete etc. as required.	Meter	2400	67.15	161165.08
30	Supply, Installation, Testing & Commissioning of 6A single pole MCBs with appropriate mounting as per site requirements. complete etc. as required.	Nos.	14	959.32	13430.42
31	Supplying and fixing following way. single pole and neutral, sheet steel, MCB distribution board, 240 V. on surface/recess. complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections. powder painted including earthing etc. as required. (Buy without MCB/RCCB/Isolator) 16 way, Double door. complete etc. as required.	Nos.	1	12,471.11	12471.11
SH: PA System					
32	Supply, Installation, Testing & Commissioning of EN 54 Certified 6W ceiling mount speaker with excellent speech & music reproduction Rated Power: 6Watts, Power Tapping: 6/3/1.5W - Effective frequency range(-10 dB) : 100 Hz to 18 KHz - SPL at rated power (1KHz at 1 m) 95 dB - Opening Angle 1 KHz / 4 KHz: 180° / 49°. complete etc. as required.	Nos.	205	6,235.55	1278288.49

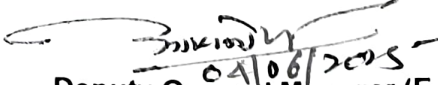
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	Product Description	Unit	Qty	Unit Price	Total Amount
33	Supply, Installation, Testing & Commissioning of EN 54 Certified -High-efficiency rectangular shaped 30 W Music horn loudspeaker, a two-way system, resulting in an extended frequency range and high sensitivity which makes it ideal for high quality speech and music reproduction,with weather protection IP66 - Max. Power: 45 W, Rated Power: 30 Watts, Power tapping: 30 / 15 / 7.5 / 3.75 W - Effective frequency range(-10 dB) : (212 Hz to 20 kHz) - SPL at rated power (1Khz) 115 dB - Self extinguishing acc. to UL94 V0 Safety acc. to EN 60065 Emergency acc. to EN 54-24 / BS 5839-8 / EN 60849 Self-extinguishing ABS acc. to UL 94 V 0 Water and dust protection acc. to IEC 60529, IP 66 Wind-force Bft 11. complete etc. as required.	Nos.	6	21,488.68	128932.06
34	Supply, Installation, Testing & Commissioning of EN 54 certified- 6W Metal Grill Cabinet mount speaker with excellent speech & music reproduction - Rated Power: 6Watts, Power Tapping: 6/3/1.5W - Effective frequency range(-10 dB) : 160 Hz to 20KHz - SPL at 6W/1W (1Khz at 1 m) 102 dB / 94 dB - Opening angle at 1 kHz / 4 kHz (-6 dB): 180°/ 180° (horizontal) 180°/ 180°(vertical) - EN54 Certified , IP 21. complete etc. as required.	Nos.	56	7,194.87	402912.70
35	Supply, Installation, Testing & Commissioning of IP based Digital Public Address and Emergency Sound System Controller certified to International standards of Emergency Sound System EN 54 and ISO 7240-16, marked for CE and compliant with the RoHS directive. The system shall be fully IP-network based and all system devices shall communicate via IP, using an Audio over IP (AoIP) protocol that supports standards AES67 or equivalent for audio and using AES128 or equivalent for control with optional encryption and authentication to prevent unauthorized access, misuse and modification of data. It shall be capable of receiving Dante and AES67 audio streams. The audio part shall support Layer 3 connections via routers between subnets with latency of less than 10ms and synchronized outputs. The control data part shall be guaranteed by Transmission Control Protocol (TCP) Layer 4. The system shall support >100 simultaneous channels for music routing and making calls. A system based on a single system controller shall support at least 120 system devices and 500 zones. The system controller shall dynamically assign network audio channels for audio routing between system devices across multiple subnets. The system controller shall have dual power supply inputs and power supplies. It shall keep an internal log of fault events and call events. The system controller shall provide a secure TCP/IP open interface for remote control and diagnostics. The system controller shall provide front-panel LED indications for the status of power supplies and the presence of faults in the system upto 2000 faults and provide additional software monitoring and fault reporting features. The Controller should have provision of 'Hot redundancy' i.e. in case of failure of working controller the standby controller should automatically take over the faulty duty controller. complete etc. as required.	Nos.	1	815,418.55	815418.55
36	Supply, Installation, Testing & Commissioning of IP based Digital Class-D multi channel Amplifier 600W each with 4 channels. The amplifier shall adapt the maximum output power of each amplifier channel to its connected loudspeaker load, with free assignable output power per channel. EN 54 certified and ISO 7240-16, marked for CE and compliant with the RoHS directive. The amplifier shall have a built-in independent spare amplifier channel or the channel shall be available in controller for automatic failover. The amplifier shall provide an interface for control data and multi-channel digital audio over IP using dual Ethernet ports for redundant network connection via IP Controller, supporting RSTP and loop-through cabling, with automatic failover to an analog lifeline input. The amplifier shall have dual power supply inputs and power supplies. All amplifier channels shall have independent A/B zone outputs with support for class-A loudspeaker loads. All amplifier channels shall supervise the integrity of connected loudspeaker lines without interruption of audio distribution. The amplifier shall provide front-panel LED status indications for the network link, ground fault, power supplies and audio channels, and provide additional software monitoring and fault reporting features. Audio-over-IP, using the high-quality digital audio interface, compatible with AES67, high-definition digital audio format with 24-bit sample size and 48 kHz sample rate. Digital signal processing on all amplifier channels, including equalization, limiting and delay, to optimize and tailor the sound in each loudspeaker zone. complete etc. as required.	Nos.	3	527,623.77	1582871.30

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Product Description		Unit	Qty	Unit Price	Total Amount
37	Supply, Installation, Testing & Commissioning of the IP based desktop call station for PA system operation. The call station shall be certified for EN 54-16 and ISO 7240-16, marked for CE and be compliant with the RoHS directive. Desktop housing with gooseneck microphone, 4.3" full-color capacitive touch display. It shall provide control and routing of live speech calls, stored messages and music with volume control per zone. Graphical user interface for optimum user guidance and feedback. Status and fault indicators for voice alarm purposes. Dual Audio over IP-network ports for redundant network. The audio data Encryption over IP should comply AES 128. It shall receive Power over Ethernet (PoE) via either one or both network connections with the call station extension keypad for use with a desktop or wallmount call station. It shall provide 12 configurable buttons for zone selection and other purposes. Each button has tactile feedback and a light ring activation indicator, complemented with a set of multi-color LEDs for function related status indications. complete etc. as required.	Nos.	1	306,981.10	306981.10
38	Supply, Installation, Testing & Commissioning of Compact device for loudspeaker end-of-line supervision. The end-of-line device shall only require a connection with the end of the loudspeaker line to supervise its integrity. Supervision reliability shall not depend on the number of connected loudspeakers. Supervision shall be inaudible and not interrupt audio content (low level high frequency pilot tone monitoring should be used). The end-of-line device shall be certified for EN 54-16 and ISO 7240-16, marked for CE and be compliant with the RoHS directive. complete etc. as required.	Nos.	1	7,674.53	7674.53
39	Supply, Installation, Testing & Commissioning of the 24 V DC power supply module shall contain a mains input with power factor correction and a 24 V output. Output current capability shall be 10 A continuous and 15 A peak. The power supply shall be DIN-rail mountable with passive cooling. The power supply shall be marked for UL and CE and be compliant with the RoHS directive. complete etc. as required.	Nos.	1	27,820.16	27820.16
40	Supply, Installation, Testing & Commissioning of the 48 V DC power supply module shall contain a mains input with power factor correction and a 48 V output. Output current capability shall be 5 A continuous and 7.5 A peak. The power supply shall be DIN-rail mountable with convection cooling. The power supply shall be marked for UL and CE and be compliant with the RoHS directive. complete etc. as required.	Nos.	3	27,820.16	83460.49
SH: UPS					
41	Supply, installation, Testing and Commissioning of 10 K V A Capacity, 1 Phase in / 1 Phase out online UPS stand-alone configuration with double conversion PWM IGBT technology to drive constant current regulators as per technical specifications/data sheet enclosed The UPS shall have built in automatic static by pass active input power factor correction, pure sine wave output input output isolation, compatibility with generator supply cold start capability, EMI/RFI noise filter advanced communication-RS232 or equivalent port and user-friendly LCD display, suitable to operate at 230V, 50Hz, 1 Phase AC supply and delivering single phase loads with 1 phase output and necessary safety protection The Job also includes SITC of 12V VRLA SMF batteries to give a backup time of minimum 30 minutes along with MS battery rack, connectors, wiring between battery bank and UPS with insulated copper conductor of required size as per site requirement Etc. as required UPS & Batteries should be as per AAI Approved makes and Warranty on UPS and Batteries should be for minimum 02 Years. Installation as per technical specification complete etc. as required.	Nos.	2	479,657.97	959315.94
				TOTAL Rs.	35369478.00

(Rupees Three Crore Fifty Three Lakh Sixty Nine Thousand Four Hundred Seventy Eight Only)


Deputy General Manager (E-E)
AAI, DABH, Airport, Indore.

Signature Not Verified

Digitally signed by Pushkar Pagnis
Date: 2025.09.30 18:32:29 IST
Location: eProcurement System for
Central PSUs