



**Airports Authority of India**  
**SWAMI VIVEKANANDA AIRPORT, RAIPUR - 492015**

AS-27012/15/2020-APD-ER-RAIPUR

Dated: 18.05.2021

**Name of the work:** Notice Inviting Quotation for “Installation of Contact Less Boarding Pass Verification System” at S.V. Airport, Raipur.

Sealed quotations are invited by the Airport Director, Airports Authority of India, S.V. Airport, Raipur- 492015 on behalf of AAI for “Installation Of Contact Less Boarding Pass Verification System” at S.V. Airport, Raipur” from Original Equipment Manufacturer (OEM) or their authorised Distributor/dealer as per the technical specifications.

**Scopes of Quotation:**

Sl. No.	Name of The Work	Estimated cost (In Indian Rupees)
1.	“Installation Of Contact Less Boarding Pass Verification System” at S.V. Airport, Raipur.	<b>Rs.1,75,093/- (WITH GST)</b>

- Technical bid must be sealed in **Envelope A** which should contain the following valid documents (duly signed).
  - 1). Copy of PAN Card of Bidder
  - 2). GST Registration Certificate of Bidder
  - 3). Bank Details of Bidder
  - 4). Compliance Statement as per Annexure-II
  - 5). Acceptance Letter as per Annexure-III
- **Envelope B** containing the commercial bid (Financial Bid) in the prescribed format given in **Annexure-I**.
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Both the Envelopes (**A & B**) are to be sealed in another envelope marked ‘Master Envelope’. The Master Envelope should be super scribed: NIQ for “Installation Of Contact Less Boarding Pass Verification System” at S.V. Airport, Raipur.

- **Critical Dates** for “Installation of Contact Less Boarding Pass Verification System” at S.V. Airport, Raipur.

<b>Sl. No.</b>	<b>Activity</b>	<b>Date</b>	<b>Time in IST</b>
1.	Last date and time of submission of quotation	07.06.2021	<b>12:00 IST</b>
2.	Date and time of opening of envelope A (Technical Bid)	07.06.2021	1530 IST
3	Date and time of opening of envelope B (Financial Bid)	shall be opened for the qualified bidders after scrutiny of the basic documents of <b>Envelope A</b>	

### **Terms & Conditions:**

Duly filled quotation along with requisite documents should be reached at the following address on or before **XX/XX/2021 up to 17:00 IST** positively.

O/O CNS, IN-CHARGE  
AIRPORTS AUTHORITY OF INDIA  
SWAMI VIVEKANANDA AIRPORT, RAIPUR- 492015  
Mob No: 9515706197, TEL-0771-2418110, FAX-0771-2418168

- Quotation will be opened on **07/06/2021 at 12:00 IST** in the presence of interested bidder or their authorized representative. AAI will not be responsible for delay in submission of quotations sent by post. **Envelope B** shall be opened for the qualified bidders after scrutiny of the basic documents of **Envelope A** on 07.06.2021 1530 IST.
- The price should be quoted as per **Annexure I**. No extra payment will be made other than the quoted amount.
- The validity of quotation should be for a minimum period of 60 days.
- Incomplete & ambiguous quotations will be rejected.

### **Delivery Period: -**

The complete supply and installation shall be completed within 3 weeks from the date of acceptance of supply order at our address mentioned below.

## **Consignee Details**

O/O CNS, IN-CHARGE  
AIRPORTS AUTHORITY OF INDIA  
SWAMI VIVEKANANDA AIRPORT, RAIPUR- 492015  
Mob No: 070444337785, TEL-0771-2418110, FAX-0771-2418168

Delivery of materials according to the technical specification and quantity as per BOM attached in Annexure-II are to be made in one instalment.

The supplier will deliver and test the new items at AAI premises without any additional financial liabilities to AAI. The delivery, installation, testing and commissioning with site acceptance test shall be completed within 3 weeks of placement of work order, as specified in Annexure-II, at site.

### **Quality Assurance: -**

The supplier will maintain the quality of the items and shall be brand new, unused, non-refurbished and original. They will conform to the technical specifications & Description as given in Annexure II. In the event of any variation in Quality, AAI will be the final authority and the supplier shall replace the item without any financial obligation to AAI and without time delay.

### **Warranty/Guarantee:**

The items shall be guaranteed against any defect and shall carry the **warranty for two years** from successful completion of SAT (site Acceptance Test). The defected item shall be replaced, onsite, within 24 hours after lodging the complaint.

### **Liquidated Damages (LD): -**

In case of failure to execute the order in full within the specified period, liquidated damages shall be charged @ 0.5% per week not exceeding 10% of the total contract value.

- Payment will be made after completion of work and on production of satisfactory report from the end user.
- AAI reserve the right to accept/reject any quotation without assigning any reason.
- Details of items are placed in Annexure-II for “Installation of Contact Less Boarding Pass Verification System” at S.V. Airport, Raipur, with base price of **Rs.1,75,093/-(Rs. One Lakhs seventy Five Thousand Ninty Three-Rupees only)** Including GST as applicable at Raipur Airport. This amount is including all other taxes (if any), like Transportation, Installation, Testing and Commissioning, Charges etc.
- The entry tax and freight charges if any will be borne by the supplier.

- The price and warranty for “Installation of Contact Less Boarding Pass Verification System” at S.V. Airport, Raipur, are **firm and fixed**.

**Paying Authority:** The Airport Director, AAI, Swami Vivekananda Airport, Raipur.

**Payment Terms for SITC: -**

Payment to the supplier shall be made on submission of the following documents in original:

- Invoice in Duplicate.
- Performance bank guarantee/Security Deposit.
- Certificate of completion of successful SAT issued by authorized representative of AAI.

All payments shall be released by AAI after adjustment against liquidated damages, income tax and any other statutory deductions, as per the Scope of tender.

**Performance Bank Guarantee:**

The security deposit in the form of performance bank guarantee of 3% of the total order value is to be submitted by the supplier/bidder within 15 days from the date of work order to AAI in the form of irrevocable and unconditional bank guarantee furnished by any of the scheduled bank as per the Performa attached as Annexure IV or 3% amount will be deducted as security deposit from the total amount payable. The bank guarantee shall be valid up to a period of six months after completion of warranty.

**Patents, Liability & Compliance of Regulations:**

- a) Bidder firm shall protect and fully indemnify AAI from any claims for infringement of patents, copy right, trade mark of the life in respect of all supplies.
- b) Bidder firm shall also protect and fully indemnify AAI from any claims from bidder firm’s workmen/companies etc. for any act of commission or omission while executing the order.
- c) Bidder firm shall be responsible for compliance with all requirements under the Indian &International laws and shall protect and indemnify AAI Completely from any claims /penalties arising out of any infringements by bidder firm or its workmen/employees.

**Packing and Marking For Supplies Requiring AAI Assistance & Handling:**

- a) All Packing shall be strong enough to withstand rough handling during loading, unloading and transporting of the packages Fragile articles shall be

packed with special precaution and shall bear the marking like 'Fragile' 'handle with care 'and' this side up' etc.

**b)** All delicate surfaces of goods shall be carefully protected and painted with protective paint /compound and wrapped to prevent rusting and damage.

**c)** Wherever required material shall be packed in polyethylene bags and silica gel or similar dehydrating compound shall be put Inside the bags to protect the material. The bidder firm shall be held liable for all damages or breakage of the goods attributable to defective or Insufficient packing as well as for corrossions due to insufficient protection.

**d)** On three sides and top of package, markings as desired by AAI, shall be provide with indelible paint.

(K.K.LAHRE)  
DGM (CNS)

**ANNEXURE-I**

**FINANCIAL BID**

Subject: Submission of Financial Bid – Notice Inviting Quotation for “Installation of Contact Less Boarding Pass Verification System” at S.V. Airport, Raipur.

<b>Sr No.</b>	<b>Description Of Items</b>	<b>Qty (a)</b>	<b>Basic Rate Of Unit Price (b)(Rs.)</b>	<b>GST amount(c)(Rs.)</b>	<b>Total Price (With GST)=[(b+c)*a](Rs.)</b>	<b>Remarks (if any)</b>
1	Motorized Camera	04				
2	4 Channel NVR	02				
3	4TBHDD(Surveillance)	02				
4	21” Full HD LED Monitor	02				
5	CAT-6 Cable	50				<b>50 m</b>
6	Two Way PA System With Attendant and Customer Units	02				

7	UPS (1KV)	02				
8	4U RACK	02				
9	Camera PVC Box	04				
10	Installation	01				
11	4 Port Ethernet POE Smart Switch	02				
<b>Total Amount (With GST)</b>						

Yours Sincerely

Date:

(Authorized Signatory with Stamp)

Name & Address of the Firm \_\_\_\_\_

Telephone & Fax Nos. \_\_\_\_\_

Mobile \_\_\_\_\_

E-mail Address \_\_\_\_\_

**ANNEXURE-II**

**(a). Compliance statement ('Yes' for complied, 'no' for Not Complied)**

**Technical Specification:** - "Installation Of Contact Less Boarding Pass Verification System" at S.V. Airport, Raipur:

**The specifications given here is minimum and items with higher specifications are acceptable at no extra cost.**

**1. Motorized Camera (Qty04)**

Sr.No.	Details	Specifications	Complied/Not Complied to specifications	In case of non-compliance, deviation to be indicated
1	Image Device	~1/3 " or better CCD/CMOS sensor		
2	Lens	OEM Motorized Varifocal lens, Auto/ Programmable Iris F~ 3 MM to 9 mm(± 25% for Indoor dome)		

3	Number of Pixels :	1920 X 1080 or better		
4	Resolution:	1080p HD or better, Paper and Mobile boarding Pass Should be clearly Visible		
5	Minimum Illumination	B/W: 0.1 Lux or better; Colour: 0.6 Lux or better		
6	Video Stream:	Dual H.265/H.264 or Better video stream for independent viewing and recording		
7	Electronic Shutter:	Auto		
8	Auxiliary inputs & outputs:	1 alarm input, 1 relay output		
9	Iris Control:	Auto		
10	White balance:	Auto		
11	Wide Dynamic Range (WDR):	90 dB or better		
12	Remote access:	Via browser for configuration, viewing and control		
13	Ethernet:	10/100/1000 Base-T Auto sensing, Half / Full Duplex (RJ45)		
14	S/N Ratio:	>= 50 dB		
15	IR Illuminator	Internal/ external		
16	SD Card Slot:	01		
17	Standard:	CE certified & UL listed		
18	Compliance	<b>ONVIF (Open Network Video Interface Forum)</b> compliant		
19	Power supply (Indoor type):	Shall have the ability to be powered by POE 802.3 as well as normal DC/AC power		

## **2. Technical Specification Of 4 Channel NVR (QTY-02)**

<b>Sr.No.</b>	<b>Details</b>	<b>Specifications</b>	<b>Complied/Not Complied to specifications</b>	<b>In case of non-compliance, deviation to be indicated</b>
1.	Operating System	Enhanced Embedded LINUX OS/UNIX OS/MS Windows		
2.	Video specs	H.265/H.264/MPEG4/MJPEd video format		
3.	Video/Audio Compression	H.265/H.264 / G.711		
4.	Playback Functions	Simultaneous playback up to 4 cameras from local interface. Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next		

		camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom.		
5.	Remote	Fully compatible with control		
6.	compatibility	stations remote monitoring software Remote client Software with mapping		
7.	Security	Lock/unlock enabled		
8.	Protocol	Supports TCP/IP , DHCP, DNS, DDNS & NTP		
9.	Archiving	Video footage can be archived to a USB flash drive, DVD R/W or a PC through Remote client		
10.	Ethernet	RJ-45 port (10/100M/1000M)		
11.	USB Interface	2 ports, USB2.0 or more		
12.	Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
13.	Display Interface	1 HDMI, 1 VGA		
14.	Monitor	21 inch SVGA with AV In/Out as per requirement with wall mount		
15.	Storage capacity	30 days data to be stored in RAID 6 configuration or better (Minimum 4 TB HDD).		
16.	IP camera	Compatible with IP Camera.		
17.	Back up Storage	HDD (30 days data to be stored) to be provided with NVR.		
18.	Backup Mode	USB Device/ Network/Internal SATA		
19.	RAID	Single, RAID 0/1/5/6/10		

### **3. Specification of 4-port Ethernet POE Smart Switch (QTY-02)**

<b>Sr.No.</b>	<b>Details</b>	<b>Specifications</b>	<b>Complied/Not Complied to specifications</b>	<b>In case of non-compliance, deviation to be indicated</b>
1	Features	Should support 4 # 10/100/1000Base-T Auto negotiation PoE ports		
		Should support IEEE 802.3af and 3at power on all ports		
		Should support PoE power budget min. 130 watts		
		Should support max. of 30 watt per port		

		Should support Non-blocking performance with Switching Capacity of 16Gbps		
		Should support Forwarding Rate of 11.9Mpps		
		Should support Store and Forward method		
		Should support Auto MDI/MDI-X		
		Should support Full-duplex and half-duplex operation with IEEE 802.3x flow control and backpressure		
		Should support MAC address auto-learning.		
		LED Indicators : Power, Link/Act, PoE in Use for each port		
2	Power Supply	Internal, auto-ranging transformer: Internal (100-240V, 50/60Hz)		
3	Environmental Operating Specifications	Temperature: 0 to 40 Degree C		
		Storage Temperature: -10 to +70 Degree C ( Non-Operating)		
		Relative Humidity: 10% to 90% (Non-Condensing)		
4	Certifications	UL/cUL 60950-1 / CE EN 55022, EN 61000 and EN 55024		
5	OEM	All network equipment offered may preferably be of One OEM		

#### **4. Specifications of Online 1KVA UPS (QTY-02)**

<b>Sr.No.</b>	<b>Details</b>	<b>Specifications</b>	<b>Complied/Not Complied to specifications</b>	<b>In case of non-compliance, deviation to be indicated</b>
1	KVA rating	1 KVA		
2	Input Phase	Single phase Input and output with Ground		
3	Input Voltage	Input Voltage 110 VAC – 276 VAC		
4	Input Frequency	45 – 55 Hz		
5	Input Power	>0.95		
6	THD	<5% (With Full Load)		
7	Bypass Voltage	176 – 264 V		

8	Bypass	45 – 55 Hz		
9	Output Voltage	220 VAC		
10	Output Voltage	+ / - 1%		
11	Output	50 Hz		
12	Output Power	0.9		
13	Output Wave	Pure Sine Wave		
14	Operating	0 : - 45:		
15	THD	< 5%		
16	Battery	Inbuilt		
17	Charger	Built In		
18	Transfer Time	0 MS		
19	Noise Level	< 55 db @ 1 meter		
20	Efficiency	>93%		
23	Audible Alarm	Mains Feature alarm/ Low Battery alarm / UPS Warning /Over Volt/ Fault & Bypass mode alarm		
25	Over Load	105 125%: 10min/ 126% 150% : 1 min/ 150% : 10Sec/>170% : 1Sec		
30	Display Indication	User Friendly Dot matrix LCD Display, Input: Voltage & frequency, Battery: Voltage & Level in %, UPS status: Operating mode/Warning/Fault/Codes (fault & warning) UPS Setting: Output Voltage /Frequency /Bypass enable / Disable, Special Function: (UPS/ CVCF/ECO) Status LED, Normal Mode/ Load on Bypass/ System Fault.		
33`	Standards	IEC 62040- 1 Safety / IEC 62040- 2 EMC		

### **5. Specification of 21” Full HD LED Monitor(QTY-02)**

<b>Sr.No.</b>	<b>Details</b>	<b>Specifications</b>	<b>Complied/Not Complied to specifications</b>	<b>In case of non-compliance, deviation to be indicated</b>
1	Screen size	21” diagonal or higher		
2	Monitor Type	Industrial/Professional suitable for 24*7 operation		
3	USB Cloning	Ideal for Offices, Restaurants and Retail Native Resolution : 1920 x 1080		

		(Full HD)		
4	Aspect Ratio	16:9		
5	Brightness	450cd/m2		
6	Contrast Ratio (Native)	2400:1 without IPS /1100:1 along with IPS		
7	Orientation	Portrait and Landscape		
8	Viewing Angle (H x V)	178° x 178°		
9	Operating Voltage	Suitable for single phase AC supply 180 – 230 V ,50 Hz.		
10	Digital Ports	HDMI /DVI-D; PC –VGA in: 1*D- Sub.		
11	Monitor Type	Industrial/Professional suitable for 24*7 operation		

### **6. Two way P.A. System with attendant and customer units(QTY-02):-**

Sr.No.	Details	Specifications	Complied/Not Complied to specifications	In case of non-compliance, deviation to be indicated
1.	Output	2W(Max) in each amplifier		
2.	Microphone Element	Electret Condenser in both the units		
3.	Power Requirement	AC:220-240,50HZ		
4.	Protection	AC fuse		
5.	Accessories	Interconnecting cables etc.		

### **7.Accessories:-**

Sr.No.	Details	Specifications	Qty	Complied/Not Complied to specifications	In case of non-compliance, deviation to be indicated
1.	CAT-6 Cable	Standard CAT 6 SFTP cable compliant to TIA/EIA-568-C and 1200 ISO/IEC 11801, frequency M	50 m		

		compliance 200 MHz			
2.	4U Rack	Wall mounted Standard racks with PDU, 07 MCB, Fans etc. suitable for installation of NVR, POE switches etc.	2		
3.	Camera PVC Box		4		

### **ANNEXURE-III**

#### **ACCEPTANCE LETTER**

(TO BE SUBMITTED IN COVER NO. "A")

**To,**

O/o THE AIRPORT DIRECTOR  
AIRPORTS AUTHORITY OF INDIA  
SWAMI VIVEKANANDA AIRPORT, RAIPUR- 492015  
Mob No: 9515706197, TEL-0771-2418110,

**Sub: Acceptance of Terms & Conditions of NIQ**

**Name of Work:** "Installation of Contact Less Boarding Pass Verification System" at S.V. Airport, Raipur.

Dear Sir,

The tender document for the works mentioned above have been obtained from Airports Authority of India / down loaded from AAI Web site and I / we hereby certify that I / we have read the entire terms and conditions of the NIQ document and agree that the NIQ document so

obtained by me / us shall form part of the contract agreement and I / we shall abide by the conditions / clauses contained therein.

1. I / We hereby unconditionally accept the terms and conditions of AAI's NIQ document in its entirety for the above works.
2. It is clarified that after unconditionally accepting the NIQ conditions in its entirety, it is not permissible to put any remarks / conditions (except unconditional rebates on quoted rates if any) in the NIQ enclosed in envelope "A" & "B" and the same has been followed in the present case. In case any provisions of this NIQ are found violated after opening envelope "A" & "B", I / we agree that the NIQ shall be rejected and AAI shall without prejudice to any other right or remedy be at liberty to forfeit the full said earnest money absolutely.

Faithfully,

Yours

Stamp)  
Date: \_\_\_\_\_

(Authorized Signatory with  
with rubber stamp

#### **ANNEXURE-IV**

#### **PROFORMA FOR BANK GUARANTEE OF CONTRACT PERFORMANCE**

(To be stamped in accordance with Stamp Act)

(The non-judicial stamp paper should be in the name of issuing Bank)

Ref: \_\_\_\_\_ Bank  
Guarantee No: \_\_\_\_\_

Date: \_\_\_\_\_

To  
AIRPORTS AUTHORITY OF INDIA  
S.V. Airport, Raipur 492015.

Dear Sir,

In consideration of the Chairman, Airports Authority of India [hereinafter called "AAI"] having offered to accept the terms and conditions of the proposed agreement between ..... and..... [Here-in-after called "the said Contractor(s)"] for the works..... [here-in-after called "the said agreement"] vide Order no. .... Dated....., having agreed to production of irrevocable Bank Guarantee for Rs..... (Rupees .....only) as a security / guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We..... (Indicate the name of the Bank) [Hereinafter referred to as "the Bank"] hereby undertake to pay to the Chairman, AAI an amount not exceeding Rs..... (Rupees..... only) on demand by AAI.

2. We.....(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from AAI stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs..... (Rupees..... only).

3. We, the said bank further undertake to pay to the Chairman, AAI any money so demanded notwithstanding any dispute or disputes raised by the contractor (s) in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal.

4. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment. We..... (Indicate the name of the bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of AAI under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Project-In-Charge on behalf of AAI certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.

5. We..... (indicate the name of the bank) further agree with AAI that AAI shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for anytime or from time to time any of the powers exercisable by AAI against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any for bearance, act or omission on the part of AAI or any indulgence by the AAI to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effects or believing's. This guarantee shall not be discharged due to the change in the constitution of the Bank or the contractor(s).

6. We..... (Indicate the name of the bank) lastly undertake not to revoke this guarantee except with the previous consent of AAI in writing.

7. This guarantee shall be valid up to ..... unless extended on demand by AAI. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. .... (Rupees..... only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged

Dated the..... (Day) of.....  
(Month)..... (Year)  
For..... (Indicate the name of bank).