

**PUBLIC PROCUREMENT REGULATORY  
AUTHORITY (PPRA)**

**CONTRACT AWARD PROFORMA – I**

**To Be Filled And Uploaded on PPRA Website In Respect of All  
Public Contracts of Works, Services and Goods**

- NAME OF THE ORGANIZATION/DEPTT. **Pakistan Civil Aviation Authority**
- FEDERAL / PROVINCIAL GOVT. **Federal Govt. (Autonomous)**
- TITLE OF CONTRACT **PROC. OF FACE RECOGNITION BIOMETRIC SYSTEM  
WITH INSTALLATION & COMMISSIONING AT HQCAA & CATI HYDERABAD.**
- TENDER NUMBER **HQCAA/1992/154/XXLN**
- BRIEF DESCRIPTION OF CONTRACT **PROCUREMENT OF FACE RECOGNITION  
BIOMETRIC SYSTEM WITH INSTALLATION COMMISSIONING AT HQCAA & CATI  
HYDERABAD**
- TENDER VALUE **Rs.1,000/-**
- ENGINEER'S ESTIMATE \_\_\_\_\_ N/A \_\_\_\_\_  
(for civil Works only)
- ESTIMATED COMPLETION PERIOD **90 Days**
- WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT  
PLAN? **YES** Yes / No
- ADVERTISEMENT :
- (i) PPRA Website **Yes ( TS-473972E) dated 28-02-2022** Yes / No  
(Federal Agencies) (If yes give date and PPRA's tender number)
- (ii) News Papers **YES THE NEWS 27-02-2022 & JAHAN-E-PAKISTAN  
27-02-2022** Yes / No  
(If yes give names of newspapers and dates)
- TENDER OPENED ON (DATE & TIME **22-03-2022 11:30**
- NATURE OF PURCHASE **Local** Local / International
- EXTENSION IN DUE DATE (If any) **No** Yes / No

2000 2092

- NUMBER OF TENDER DOCUMENTS SOLD TEN (10)  
(Attach list of Buyers)
- WHETHER QUALIFICATION CRITERIA  
WAS INCLUDED IN BIDDING/TENDER DOCUMENTS Yes Yes / No  
(If yes enclose a copy).
- WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING/TENDER DOCUMENTS Yes Yes / No  
(If yes enclose a copy).
- WHICH METHOD OF PROCUREMENT WAS USED: - (Tick one)
- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE \_\_\_\_\_
- b) SINGLE STAGE - TWO ENVELOPE PROCEDURE. \_\_\_\_\_
- c) TWO STAGE BIDDING PROCEDURE. \_\_\_\_\_
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE. \_\_\_\_\_
- PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS  
ADOPTED WITH BRIEF REASONS (i.e EMERGENCY, DIRECT  
CONTRACTING, NEGOTIATED TENDERING ETC.)
- WHO IS THE APPROVING AUTHORITY D.CNS
- WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED  
FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING.
- NUMBER OF BIDS RECEIVED ONE (01)
- WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER Yes Yes/ No
- WHETHER INTEGRITY PACT WAS SIGNED No. Yes / No

**PUBLIC PROCUREMENT REGULATORY**  
**AUTHORITY (PPRA)**

**CONTRACT AWARD PROFORMA – II**

To Be Filled And Uploaded on PPRA Website In Respect of All  
Public Contracts of Works, Services & Goods

- NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS  
ONE (01)
  
- NAME AND ADDRESS OF THE SUCCESSFUL BIDDER\_ M/S NEDO CORPORATION.
- HEAD OFFICE 05 & 06 GROUND FLOOR,BUSINESS ARCADE,BLOCK #06 P.E.C.H.S MAIN  
SHAHRAH-E -FAISAL KARACHI PAKISTAN.
- RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT  
(i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATED BID). 01<sup>st</sup> Lowest
  
- NEED ANALYSIS (Why the procurement was necessary?) Required to replace out-  
dated bio metric attendance machines.
  
- IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE THE  
REASONS (Briefly describe). N/A

➤ WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS Yes Yes / No

➤ DATE OF CONTRACT SIGNING 08-09-2022  
(Attach a copy of agreement)

➤ CONTRACT AWARD PRICE Rs.5,590,802/-

➤ WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS Yes Yes / No  
(Attach copy of the bid evaluation report)

➤ ANY COMPLAINTS RECEIVED No Yes / No  
(If yes result thereof)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

➤ ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/DOCUMENTS No Yes / No  
(If yes give details)

➤ DEVIATION FROM QUALIFICATION CRITERIA NO Yes / No  
(If yes give details)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

➤ SPECIAL CONDITIONS, IF Any  
(Give Brief Description)

N/A

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**E-STAMP**  
CONTINUATION SHEET  
Government of Sindh

**CONTRACT BETWEEN PAKISTAN CIVIL AVIATION AUTHORITY**  
**AND M/S. NEDO CORPORATION**  
**CONTRACT NO.HQCAA/1992/154/XXLN**  
**PROCUREMENT OF FACE RECOGNITION BIOMETRIC SYSTEM WITH INSTALLATION &**  
**COMMISSIONING AT HQCAA & CATI HYDERABAD**

THIS CONTRACT is made this the **08 SEP 2022** day of **two** thousand  
BETWEEN

The Civil Aviation Authority (CAA) established under the Pakistan Civil Aviation Authority Ordinance 1982, with its Head Quarters at Terminal No.1, Jinnah International Airport, Karachi, Pakistan, hereinafter referred to as the "Purchaser" (which term shall include its , authorized representatives and successor in interest) of the First Part;

AND

**M/s. Nedo Corporation (Proprietorship)** with its office at, **Head Office. 05 & 06, Ground Floor, Business Arcade, Block#06, PECHS Main Shahrah-e-Faisal, Karachi-Pakistan** hereinafter, referred to as the "Supplier" (which term shall include its, authorized representatives and successors-in-interest) through **Mr. Farhan Nisar (Director Operations)**) of the Other Part.

WHEREAS, it has been agreed that the Purchaser shall purchase and Supplier shall sell the items and or equipment, which shall hereinafter be referred to as "the Stores", particulars and details of which including price, have been given in Annex "A" to this contract.

The terms and conditions as stipulated in this contract shall constitute the entire agreement between the two parties and shall supersede any previous undertakings, commitments or representations whether oral or written in this regard.

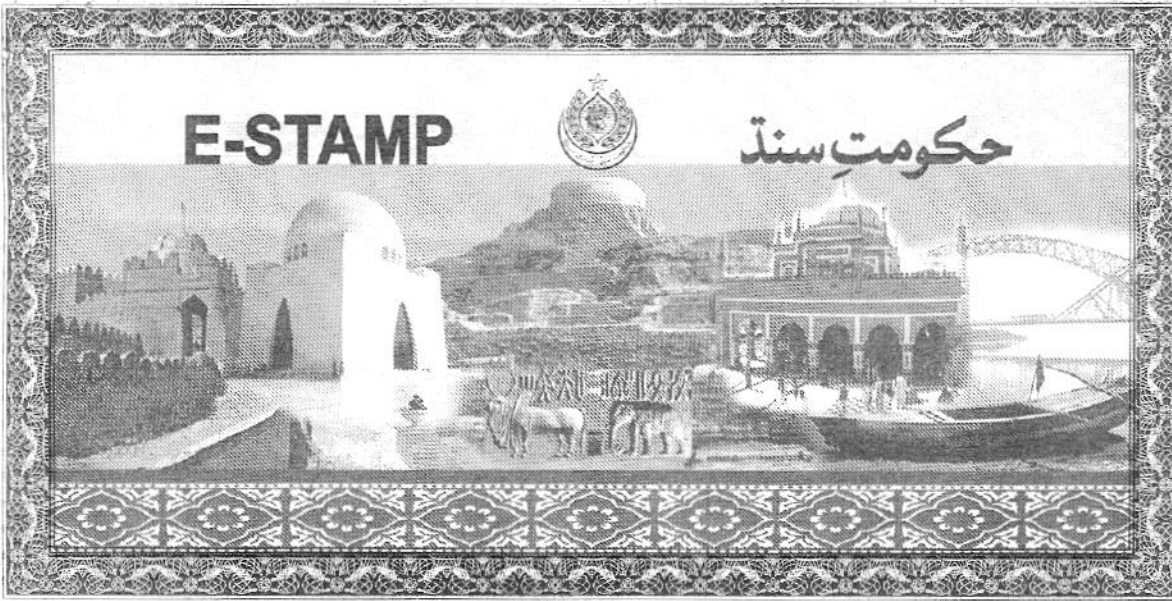


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009535



0289-2208260001046439

GoS-KHI-A15D4CDD6DDD2E09

**Non-Judicial**

**Rs 19,600/-**

Description : Contract - 15(a)  
Principal : Pakistan Civil Aviation Authority [19458266]  
Contractor : Nido Corporation [12141909]  
Applicant : Syed Hassan Ali [42000-0371979-9]  
Stamp Duty Paid by : Nido Corporation [12141909]  
Issue Date : 26-Aug-2022, 01:00:31 PM  
Paid Through Challan : 202225D9CF6BD4E9  
Amount in Words : Nineteen Thousand Six Hundred Rupees Only

Please Write Below This Line



*Handwritten signature*

*Handwritten signature*



Now, therefore, this contract witnessed as under:-

**1(a). DEFINITIONS**

- 1.1 "Consignee" means OIC Logistic Center (South), JIAP, Karachi, Pakistan.
- 1.2. "Contract" means the present document signed by Purchaser and Supplier containing the contract terms and conditions together with the Annexure "A" thereto.
- 1.3 "Country of Origin" means the place where goods were manufactured produced, received, or from which the services are supplied.
- 1.4 "Contract Price" means the price shown in Annex " A" to the contract.
- 1.5. "Equipment/Stores" means **Face Recognition Biometric System** and all other items to be supplied by the in accordance with Annex "A"
- 1.6 "Inspecting Authority" means the Director CNS, Headquarters Civil Aviation Authority, Terminal No. 1, Jinnah International Airport, Karachi, Pakistan.
- 1.7 "Inspecting Officer" means Adl.D EED, JIAP Karachi.
- 1.8 "Purchaser " means the Civil Aviation Authority of Pakistan (Headquarters), Terminal No.1, Jinnah International Airport, Karachi-75200, Pakistan.
- 1.9 "Supplier" means **M/s. Nedo Corp.**

**1(b) PARTICULARS**

- (a) INDENTOR. Add. Dir. Tele. & Elects. HQCAA,  
JIAP, Karachi
- (b) INDENT NO. 2138 dated 17-02-2022
- (c) CONTRACT NO. HQCAA/1992/154/XXLN  
Dated: **08 SEP 2022**
- (d) SUPPLIER **M/s. Nedo Corporation**
- (e) CONSIGNEE OIC Logistic Center (South),  
JIAP, Karachi,
- (f) HEAD OF ACCOUNT/  
ADP SCHEME NO. 1132T616 F.Y 2022-23
- (g) SCHEDULE OF STORES As per attached ANNEXURE "A"
- (h) INSPECTING OFFICER Adl.D EED JIAP Karachi
- (j) INSPECTING AUTHORITY Director CNS,  
HQ Civil Aviation Authority,  
Terminal No.1, JIAP, Karachi





2. **DELIVERY**

- 2.1 The Supplier shall deliver the Stores, & arrange Installation & Commission at the Location mentioned in Annexure A, within 90 days from the date of signing of this contract.
- 2.2

3. **PERFORMANCE BOND OR SECURITY DEPOSIT**

- 3.1 For due, satisfactory and timely supply of the Equipment or Stores, the Supplier shall furnish to Civil Aviation Authority a Performance Bond or Security Deposit @ 10% (Ten percent) of the total contract value at the time of signing of this contract. The Supplier shall keep the Performance Bond or Security Deposit valid till satisfactory completion of the contract, including the completion of warranty period. This Performance Bond or Security Deposit shall be in shape of:-
- (a) Demand Draft or Pay Order in the name of Civil Aviation Authority, Karachi from any scheduled bank of Pakistan.
- OR
- (b) Bank Guarantee from a bank acceptable to CAA on approved format attached as Annex "B".
- 3.2 The Supplier shall have no claim against the Purchaser in respect of interest on Security Deposit or depreciation of currency, what so ever.
- 3.3 On satisfactory performance of the contract and completion of warranty period, as applicable the Security Deposit or Performance Bond will be returned to the Supplier.
- 3.4 In case of unsatisfactory performance of the Supplier or in the event of any breach of terms, given in the contract till completion of warranty period, the Purchaser may forfeit the Security Deposit or en-cash the Performance Bond in all or in part as deemed fit and proper by the Purchaser.
- 3.5 **The bid security shall be forfeited:**  
If a contractor submits fake/bogus pay orders/bank guarantees/bank draft as Bid Security or any other fake/tempered document, not only his bid will be cancelled and the firm will be debarred / black listed but all his security deposits (performance guarantees)/bid security etc will be forfeited.

4. **TERMS OF PAYMENT**

- 4.1 The Supplier shall submit pre-receipted bill in triplicate alongwith Sales Tax Invoice to Additional Director Log. ANS, HQ CAA, Karachi, alongwith the following documents:-
- 4.1.1 Certified Receipt Voucher (CRV) issued by the Consignee.
- 4.1.2 A copy of Professional Tax Certificate issued by the Excise and Taxation Office
- 4.1.3 A copy of National Tax Certificate issued by the Income Tax Department
- 4.2 Payments of the stores shall be made within 30 days upon issue of receipt voucher indicating receipt of the store by the purchaser without any discrepancy / defect and submission of bill with complete documents.
- 4.3 The Supplier shall ensure due payments of all the duties and taxes including that of Federal Government or the Provincial Government and submit an undertaking that all government taxes for the supply of goods (and allied services if any ) have already been paid or submit proof of such payments at the time of submission of bills for payment

5. **PRICE(S)**

The prices mentioned in Annex "A" are firm and final.



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*[Handwritten signature]*



*[Handwritten mark]*



6. **WARRANTY**

The Supplier shall warrant the store for a period of Twelve (12) Months for all electronics items from the date of issuance of CRV from PCAA, or from the date of installation and commissioning of Equipment, whichever is applicable, against any design or manufacturing defect, bad workmanship or faulty material. In case of any defect, fitment problem or discrepancy of any nature whatsoever, the Supplier shall replace defective Equipment and/ or Store free of cost. In case supplier fails to replace the defective Store and or Equipment within 45 days of intimation by the Purchaser, the Supplier shall refund the cost of the Stores in currency in which received within 15 days, after the above mentioned 45 days, otherwise the Purchaser shall have the right to take action under clause 9 of the contract and/ or forfeit the Performance Bond or Security deposit.

7. **Tax/Duty Exemption**

The equipment / spares exclusively imported for use at IIAP Project Islamabad shall avail exemption of taxes and duties specified in para-V under 5th schedule Part-VI of custom Act 1969, for which the list of equipment / spares and other relevant documents are required to be provided by the supplier / contractor for seeking authorization by Aviation Division (Government of Pakistan) as per National Aviation Policy 2015. After getting exemption of tax and duties on imported goods / equipments / spare, the effect of exemption will be transferred to PCAA by reducing the same exempted tax mount from the invoice price. This shall not be applicable in case of the equipment/goods imported earlier or available Ex Stock. In this case the bill of entry and other relevant documents are to be submitted with bill invoice.

8. **QUALITY OF STORES**

The Supplier shall ensure that the Stores being supplied against this contract are new, unused and conform to the specifications, description given in the Annex "A" and shall be replaced free of cost if found defective on Acceptance Test by the Inspecting Officer, as per clause 11 hereof.

9. **FAILURE AND TERMINATION**

Should the Supplier fail to deliver the Stores/Equipment or any part thereof to the Consignee within the prescribed period or within such extended period as may be agreed in writing by both the parties, the Purchaser shall on expiry of 09 days grace period be entitled to take either of the following actions:-

9.1 To cancel the contract and/ or forfeit the Security Deposit as per clause 3.4 of this contract after giving seven days written notice to the Supplier and/ or initiate case for suspension or de-registration of the Supplier from the approved list of CAA suppliers. and/ or initiate case for suspension or debarment or blacklisting as per CAAO "No.CAAO-003-ESCW" for **BLACKLISTING OF CONTRACTORS & SUPPLIERS** available on CAA website.

OR

9.2 To cancel the contract and or purchase from elsewhere the defective or the un-supplied Stores at the risk and expense of the Supplier, after giving him seven days written notice. The Supplier shall be liable for any loss, which the Purchaser may sustain on this account, but shall not be entitled to any gain on repurchase.

10. **LIQUIDATED DAMAGES**

The Purchaser shall have the right to impose liquidated damages at the rate of two percent (2%) per month of the value of the un-supplied Stores or any part thereof for the period exceeding the delivery period, subject to the provision that the total amount thus levied shall not exceed ten percent (10%) of total Contract value of the un-supplied Stores.

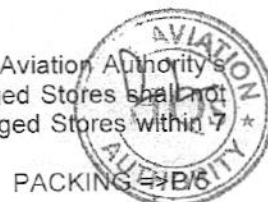
11. **INSPECTION**

11.1 An inspection of the Stores be arranged at Consignee's premises (or at the Supplier premises) by Inspecting Officer or his representative to check the quality of the Stores, and the Inspecting Officer will sign or issue the acceptance or rejection certificate.

11.2 Rejected Stores, if left uncollected at the Purchaser i.e., Civil Aviation Authority's premises, shall be at the Supplier's risk and expense. Damaged Stores shall not be accepted. The Supplier shall remove the rejected or damaged Stores within 7 days at his expense.



*[Handwritten signature]*



12. **PACKING**

The Stores shall be duly and appropriately packed in original manufacturer packing. No loose Stores shall be accepted at the time of delivery.

13. **SETTLEMENT OF DISPUTES**

In case of any difference or dispute arising between the Purchaser and the Supplier in respect of the interpretation, conduct or performance of any terms & conditions of this contract, the same shall be referred to DG CAA for decision, which shall be final and binding upon both the parties to this contract

14. **FORCE MAJEURE**

If delivery is hindered or delayed by any cause beyond the control of the Supplier such as strikes, lock-outs, wars, fire and acts of God etc., reasonable extension may be granted to the Supplier by the Purchaser on his written request giving detailed reasons with proof thereof.

15. **HSE MANUAL**

Kindly go through the attached HSE Manual and comply/abide by all clauses.

16. **INDEMNITY**

The supplier shall indemnify the purchaser against all third party claims, including claims of infringement of patent.

17. **CORRESPONDENCE**

All correspondence pertaining to this contract shall be addressed to the Additional Director Log (ANS), HQ CAA, Terminal No.1 JIAP Karachi, for the Purchaser and to the **M/s. Nedo Corporation** for the Supplier.

18. **AMENDMENTS**

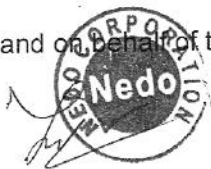
The contract may be amended or modified with the mutual consent and/or agreement in writing by both the parties to the contract.

19. **LAW GOVERNING**

The laws of Pakistan shall govern this contract.

**IN WITNESS WHEREOF THE PARTIES HAVE SIGNED THIS AGREEMENT AT KARACHI ON THE DATE MENTIONED ABOVE.**

for and on behalf of the Supplier



(M/s. Nedo Corporation)

for and on behalf of the Purchaser



(**SAEED AHMED BUTT**)  
Director CNS  
Pakistan Civil Aviation Authority

**WITNESS**

1. Ms. Saleem
2. 42201-4460732-3

**Distribution**

- |    |  |        |
|----|--|--------|
| 1. | OIC Logistic Center (South) JIAP, Karachi                | 1 Copy |
| 2. | Additional Director Proj. Finance HQ CAA, JIAP, Karachi  | 1 Copy |
| 3. | Additional Director Tele. & Elects. HQCAA, JIAP, Karachi | 1 Copy |
| 4. | AdID. EED, JIAP, Karachi                                 | 1 Copy |
| 5. | Fixed Assets & Inv Cont. Section HQ CAA Karachi          | 1 Copy |
| 6. | <b>M/s. Nedo Corporation</b>                             | 1 Copy |

Annexure "A" to the contract

No. HQCAA/1992/154/XXLN

Dated: 08 SEP 2022

**SCHEDULE OF STORE**

CONTRACT No. HQCAA/1992/154/XXLN

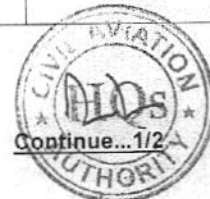
**PROCUREMENT OF FACE RECOGNITION BIOMETRIC SYSTEM WITH INSTALLATION & COMMISSIONING AT PCAA HEAD QUARTER & CIVIL AVIATION TRAINING INSTITUTE HYDERABAD****M/s. NEDO CORPORATION**

S. No	DESCRIPTION	QTY	UNIT PRICE Rs	TOTAL PRICE Rs
1	<b>Installation and Commissioning:</b> Complete installation / commissioning of Face Recognition Biometric Attendance solution for PCAA Head Quarter & CATI Hyderabad. It includes all the software (with lifetime license), hardware and network components to implement end to end solution.			
1.1	<b>FACE RECOGNITION BIOMETRIC MACHINE: -</b> • Make: <b>Suprema (Korea)</b> • Model: <b>FSF2-ODB</b> • IP Rating: IP65 • User capacity: 50,000 on 1: N & 100,000 on 1:1	Each 14	274,950	3,849,300
1.2	<b>FINGER PRINT SCANNER: -</b> • Make: <b>Suprema (Korea)</b> • Model: <b>Finger Print Bio Mini Slim 2</b> • Sensor Type: Optical • IP Rating: IP65 (Sensor Surface)	Each 02	14,040	28,080
1.3	<b>DATA BASE SERVER: -</b> • Make: Dell • Model: Power Edge T140 Tower Server • Ram: 16GB • HDD: 1TB	Each 01	386,100	386,100
1.4	<b>CLIENT PC WITH DISPLAY FOR CONFIGURATION/REGISTRATION: -</b> • Make: Dell • Model: Vostro 3888 i5 • Generation: 10 <sup>th</sup> • Ram: 16GB • HDD: 1TB • Accessories: Keyboard + Mouse • LED Model: e2016hv	Each 02	195,156	390,312
1.5	<b>TRUE ONLINE UPS:</b> • Make: <b>Deutsche Power</b> • Rating: <b>3KVA</b> • Power factor: <b>0.9</b>	Each 02	112,320	224,640
1.6	<b>ENCLOSURE FOR BIOMETRIC MACHINE FSF2-ODB:</b> • Make: Local fabricated good quality	Each 14	8,775	122,850
1.7	<b>WEB BASED TIME ATTENDANCE SOFTWARE WITH LIFE TIME LICENSE: -</b> • Nedo web based time attendance software with leave management, Employee dashboard & employee self-service professional version on installable DVD or USB • Unlimited Users • Lifetime License	Each 02	55,000/-	110,000



*Signature*

*Signature*



## SCHEDULE OF STORE

CONTRACT No. HQCAA/1992/154/XXLN  
PROCUREMENT OF FACE RECOGNITION BIOMETRIC SYSTEM WITH INSTALLATION & COMMISSIONING  
AT PCAA HEAD QUARTER & CIVIL AVIATION  
TRAINING INSTITUTE HYDERABAD

1.8	<b>MACHINE MANAGEMENT SOFTWARE WITH LIFETIME LICENSE:</b> <ul style="list-style-type: none"> <li>Suprema Bio Star 2 Software-Starter on installable DVD or USB</li> </ul>	Each 02	Free of Cost	Free of Cost
1.9	<b>LICENSED BASED WINDOWS:</b> <ul style="list-style-type: none"> <li>Windows 10 Pro 64 bit</li> </ul>	Each 02	5,760	11,520
1.10	<b>LICENSE BASED WINDOWS SERVER:</b> <ul style="list-style-type: none"> <li>Windows Server 2019 or upgraded</li> </ul>	Each 01	48,000	48,000
1.11	<b>Installation, Training, Interfacing / Commissioning at Karachi &amp; Hyderabad</b>  <b>Note:</b> <ul style="list-style-type: none"> <li>Operational Training of Face Recognition Biometric System at site to 04 PCAA Officials.</li> <li>Technical Training of Face Recognition Biometric System for troubleshooting / maintenance at site to 04 PCAA Officials.</li> </ul> <b>M/s Nedo Corporation</b> has to submit duly signed and stamped copies of training certificates by the Additional Director EED for Head Quarter & Chief of SOEE, for CATI Hyderabad for payment processing.	Each 14  04 Officials  04 Officials	30,000	420,000
2	<b>Manuals:</b> <ul style="list-style-type: none"> <li>One Set Of User &amp; Operation manual</li> </ul>	Each 01	Free of Cost	Free of Cost
3	<b>Site Acceptance Test:</b> PCAA Engineers will carry-out Site-Acceptance for conformity of the product as per compliance sheet/ contract.  <b>M/s Nedo Corporation</b> has to submit duly signed Site Acceptance Certificates from Additional Director EED for HQCAA Karachi & Chief of SOEE, for CATI Hyderabad for payment processing.	-  -	-  -	-  -
4	<b>Warranty:</b> <ul style="list-style-type: none"> <li>One Year warranty for all electronics items from the date of issuance of CRV from PCAA</li> </ul>	<b>One-year warranty</b>		
<b>Total Price Inclusive of all Taxes</b>				<b>5,590,802/-</b>

F.O.R

**(Rupees: Five Million Five Hundred Ninety Thousand Eight Hundred Two Only)**

*[Handwritten Signature]*

2/2





IT NO. HQCAA/1992/154/XXLN

**PROCUREMENT OF FACE RECOGNITION BIOMETRIC SYSTEM WITH  
INSTALLATION & COMMISSIONING AT HQCAA & CATI HYDERABAD**

DATE OF BID OPENING: 22-03-2022

**FOLLOWING FIRMS PURCHASED THE BIDDING DOCUMENTS**

S/NO	NAME OF SUPPLIERS	DATE OF BID PURCHASED	HABIB METRO DEPOSIT SLIP NO. AND DATE	BID FEE RS.	FIRMS PPARTICIPATE
1	MIS. NEDO. Corporatia	4/3/22	04/3 29164214	1000/-	ae
2.	MIS. International Export Corp	4/3/22	4/3 29164541	1000	ae
3	MIS. Sybaid.	4/3/22	3/3/22 29164185	1000	ae
4.	MIS. Linton. Innovative Sys	4/3/22	3/31 27970694	1000	ae
5	MIS MAXKAYS	4/3/22	4/3/22 29496149	1000	ae
6.	MIS GCS Pvt LTD	11/3/22	9/3/22 5717229	1000	ae
7.	MIS XPERT SOLUTIONS	14/3/22	11-03-202 30411999	1000	ae
8	MIS ICIL Tech (Pvt) LTD	14/3/22	14.3.22 29346729	1000	ae
9.	MIS Danish International	16/3/22	16-3-22 12422220	1000	ae
10.	MIS. Telepar India Pvt	17/3/22	17/3 13545664	1000/-	ae
11.					
12.					
13.					
14.					

PPRA TENDER NO. TS-473972E

**UPDATED**

**FINAL EVALUATION REPORT**

**(As Per Rule 35 of PP Rules, 2004)**

415B

1. Name of Procuring Agency: **PAKISTAN CIVIL AVIATION AUTHORITY**
2. Method of Procurement: **Single Stage Two Envelope Bidding Procedure**
3. Title of Procurement: **PROCUREMENT OF FACE RECOGNITION BIOMETRIC SYSTEM WITH INSTALLATION & COMMISSIONING AT HQCAA & CATI HYDERABAD**
4. Tender Inquiry No.: **HQCAA/1992/154/XXLN**
5. PPRA Ref. No. (TSE): **TS-473972E**
6. Date & Time of Bid Closing: **22-03-2022 .....11:00 hrs**
7. Date & Time of Bid Opening: **22-03-2022.....11:30 hrs**
8. No of Bids Received: **One (01)**
9. Criteria for Bid Evaluation: **Compliance Based**
10. Details of Bid(s) Evaluation:

Sr.#	Name of Bidder	Marks		Total Evaluated Cost (EXCLUDING SST)	Rule/Regulation/SBD*/Policy/ Basis for Rejection / Acceptance as per Rule 35 of PP Rules, 2004
		Technical (if applicable)	Financial (if applicable)		
01	<b>M/s. Nedo Corporation</b>	Compliant	Compliant	Rs. 5,590,802/-	Most Advantageous bid as per Rule 2(h) (i) of PPR – 2004

**Standard Bidding Documents (SBD).**

**Lowest Evaluated Bidder: a). M/s. Nedo Corporation**

16. Any other additional / supporting information, the procuring agency may like to share.

**Signature:**

**Official Stamp:**

**HUMAYUN AZHAR SIDDIQUI**  
Senior Assistant Director Logistics (ANS)  
HQs Civil Aviation Authority



**HEADQUARTERS, PAKISTAN CIVIL AVIATION AUTHORITY**  
(Telecom & Electronics Branch)



**TECHNICAL SPECIFICATION**  
(COMPLIANCE SHEET)

**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

S. No	REQUIREMENT	Qty.	Response	Remarks
	<b>SCOPE</b>			
1.	The scope of work includes provisioning of the complete <b>FACE RECOGNITION BIOMETRIC ATTENDANCE</b> Solution for: i. Head Quarter Pakistan Civil Aviation Authority (QTY-07) ii. Civil Aviation Training Institute CATI Hyderabad (QTY-07)  It includes all the software (with lifetime license), hardware and network components to implement end to end solution.	14		
	<b>MANDATORY REQUIREMENTS</b>			
2.	Bidders to offer international branded new Face Recognition Time Attendance & Access control Biometric Machine origin from UK, USA, Korea & European States or equivalent having valid website address. The same should be shown in the remarks column.			
	2.1. This Technical Specification Compliance document duly filled and signed/ stamped.		Yes <input type="checkbox"/> No <input type="checkbox"/>	
	2.2. The bidder must be an authorized agent of OEM. (Proof of same to be attached).		Yes <input type="checkbox"/> No <input type="checkbox"/>	
	2.3. Bidder must have an experience in supply and installation of Biometric Machine with equivalent or higher of quoted value of the quoted item by a single order in any Government Department /Autonomous Bodies / in last three years as on date. (Proof of same to be attached).		Yes <input type="checkbox"/> No <input type="checkbox"/>	
	2.4. The Bidder shall submit an Affidavit that the Bidder is not blacklisted by any Government/Semi Government/Autonomous organization at the time of bid.		Yes <input type="checkbox"/> No <input type="checkbox"/>	
	2.5. The Bidder must be registered for Income Tax must be on Active Tax Payer List. (Proof of same to be attached).		Yes <input type="checkbox"/> No <input type="checkbox"/>	
	2.6. Clients list is required to be submitted where similar or equivalent model of biometric machine is installed (at least 5)		Yes <input type="checkbox"/> No <input type="checkbox"/>	
	2.7. Certificate from OEM for the availability of spares for the next 5 years		Yes <input type="checkbox"/> No <input type="checkbox"/>	
	2.8. The bidder must have established office in Karachi. (Details of same to be attached).		Yes <input type="checkbox"/> No <input type="checkbox"/>	

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**HEADQUARTERS' PAKISTAN CIVIL AVIATION AUTHORITY**  
(Telecom & Electronics Branch)

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**TECHNICAL SPECIFICATION**  
(COMPLIANCE SHEET)

**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

S. No	INDENT AND STANDARD	RESPONSE	REMARKS
3.	The bidder to design, develop, configure and maintain the application covering various aspects related to implementation of Biometric Attendance Devices (e.g. application for enrollment, master data capturing, device allocation, reporting, etc.) integrated with Biometric Attendance Devices. The solution must meet the functional requirements detailed in this document.	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.1.	Anti-fraud features (Live user presence/detection and prevent spoofing by printed images and LCDs etc)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.2.	Machine must be moisture and dust proof	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.3.	Machine must cover all indoor /outdoor lightening conditions	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.4.	Template matching speed should not be more than 0.5 second	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.5.	The solution must include software for device management through network (like sync date & time with server, administrative transactions, and error logs etc.)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.6.	The solution must support both attendance and access control.	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.7.	Captured picture of authorized or unauthorized user shall be transferred to the server on real time basis without any delay. The device must retain data in off-line mode. It should be able to send all events once connectivity is re-established (employees must be able to punch in/out for shift or break off).	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.8.	<ul style="list-style-type: none"> <li>The bidder will be required to ensure that all the peripherals, accessories, sub-components required that includes but not limited to devices, accessories, patch cords, cables, software, licenses, tools, etc. would also be provided for successful installation, integration and commissioning of systems as specified in this document.</li> <li>All cables should run through Trays/ PVC pipes/ conduit where ever applicable.</li> </ul>	Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.9.	The successful bidder will be required to carry out preventive and corrective maintenance of all hardware/software supplied including replacement of defective parts, installation/reinstallation and configuration/reconfiguration of hardware, software and other tools during warranty period.	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3.10.	The bidder shall be required to repair the faulty component/equipment at the earliest. However if any component/equipment gives continuous trouble, the bidder shall replace the same with the new compatible component/equipment of the same or higher configuration without any additional cost to PCAA during warranty period.	Yes <input type="checkbox"/> No <input type="checkbox"/>	

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**TECHNICAL SPECIFICATION**  
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**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

3.11	Promptly fixing of bugs/issues identified in the application throughout the warranty period. Resolving effectively and within the stipulated time frame, all complaints related to the functioning of the devices/software through a well-managed help desk. Registering complaints from field and coordinating with respective field support personnel and maintenance team and issue status update.		Yes <input type="checkbox"/> No <input type="checkbox"/>	
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**HARDWARE (MINIMUM ) SPECIFICATION**

S.No.	FACE RECOGNITION BIOMETRIC MACHINE QTY.14		Response	Remarks
4	(Make / Model of Face Recognition Biometric Machine Please mention in Remarks column)	14	Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.1.	<b>Authentication Method:</b> <ul style="list-style-type: none"> <li>Biometric authentication based on face recognition, finger print recognition, Card</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.2.	<b>Processor:</b> <ul style="list-style-type: none"> <li>1.8 GHz Dual Core + 1.4 GHz Quad Core or better for fast processing</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.3.	<b>Display:</b> <ul style="list-style-type: none"> <li>Screen Size – 7" IPS or higher Touch Screen Color Display</li> <li>Resolution – 800 x 1280 pixels or better</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.4.	<b>Memory:</b> <ul style="list-style-type: none"> <li>Memory to store up to 50,000 Face and 100,000 Fingerprints on terminal itself</li> <li>Device Memory: RAM – 2 GB, Flash Memory – 16 GB or more</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.5.	<b>Finger Print:</b> <ul style="list-style-type: none"> <li>Image Dimension: 300 x 400 pixels or better</li> <li>Resolution: 500 dpi or better</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.6.	<b>Face:</b> <ul style="list-style-type: none"> <li>Recognition Distance: 0.5m ~ 1.3m or better</li> <li>Matching Speed: 0.5 sec or less</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.7.	<b>RF Card Reader:</b> <ul style="list-style-type: none"> <li>High Frequency Contactless Smart Card Reader</li> <li>Capability to read popular card technologies (EMV / MIFARE)</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.8.	<b>Indicator:</b> <ul style="list-style-type: none"> <li>Provision to provide a unique tone for various status conditions such as successful attendance marking / failure to mark attendance, etc.</li> <li>The display and sound should be synchronized</li> <li>Appropriate visible display message should be shown based on the event type.</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	

FACE RECOGNITION BIOMETRIC MACHINE

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**TECHNICAL SPECIFICATION**  
(COMPLIANCE SHEET)

**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

8	<b>BIOMETRIC DEVICE ENCLOSURE QTY.14</b>	14		
8.1.	<ul style="list-style-type: none"> <li>Wall mount type enclosure should be tamper proof and rugged to secure the quoted device.</li> <li>It should have sufficient space to accommodate Biometric Device and Power Supply</li> <li>Air Ventilation should be sufficient to avoid heating</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
9	<b>MINIMUM SPECIFICATION OF WEB BASE TIME ATTENDANCE SOFTWARE PROFESSIONAL VERSION WITH DASHBOARD WITH LIFETIME LICENSED</b>	02		
9.1.	<ul style="list-style-type: none"> <li>Front End: ASP.Net or updated</li> <li>Back End: SQL Server 2012, 2014 or higher</li> <li>Unlimited Shifts</li> <li>Unlimited Roasters</li> <li>Unlimited Departments</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.2.	<b>Employee Self Service</b> <ul style="list-style-type: none"> <li>Individual Employee View Dashboard                             <ul style="list-style-type: none"> <li>(a) Login</li> <li>(b) Leave Request</li> <li>(c) Leave Approval, Leave Rejection</li> <li>(d) Attendance Request Approval, Attendance Rejection</li> </ul> </li> <li>Online Leave Request Send to Manager</li> <li>Manual Attendance Request Send to Manager</li> <li>Profile Update by Employee</li> <li>Employee Leave History</li> <li>Employee Right to Change Password/Picture</li> <li>Employee Attendance Trading (Yearly Attendance in Graphical View)</li> <li>Employee Leave History ((Yearly Leave in Graphical View)</li> <li>Reports (Calendar, Graphical, PDF and excel view)</li> <li>Leave and Attendance request Tracking by Tracking ID</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.3.	<b>Dashboard</b> <ul style="list-style-type: none"> <li>Manager Receive Attendance/Leave Request &amp; Email</li> <li>Manual Attendance with Remarks</li> <li>Attendance Chart on Dashboard</li> <li>Manager Dashboard</li> <li>Manager Hierarchy</li> <li>Notification</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.4.	<b>Leave Management</b> <ul style="list-style-type: none"> <li>Leave Carry forward</li> <li>Leave Year Closing</li> <li>Leave Adjustment</li> <li>Leave Deduction Policy</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	
			Yes <input type="checkbox"/> No <input type="checkbox"/>	

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**TECHNICAL SPECIFICATION**  
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**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

9.5.	<b>Shift/Roasters/Holidays</b> <ul style="list-style-type: none"> <li>• Setup Multiple Shift</li> <li>• Alternative Holidays Option for Employees</li> <li>• Public Holidays</li> <li>• Shift Roasters (Graphical View)</li> <li>• Employee Roasters (Alternative Shifts for Employees)</li> <li>• Over Night Shift</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.6.	<b>System &amp; Data:</b> <ul style="list-style-type: none"> <li>• Department User Rights</li> <li>• Auto Database Backup</li> <li>• Auto Posting</li> <li>• System History</li> <li>• Employee History</li> <li>• Posting and Pooling</li> <li>• System Policy</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.7.	<b>Daily Reports:</b> <ul style="list-style-type: none"> <li>• Daily Late Arrival Report</li> <li>• Daily Early Going Report</li> <li>• Daily Employees Strength Report</li> <li>• Daily Not Swipe Report</li> <li>• Attendances Report for All Employee</li> <li>• Daily Worked Hour</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.8.	<b>Monthly Reports:</b> <ul style="list-style-type: none"> <li>• Monthly Attendance</li> <li>• Leave Report</li> <li>• Attendance Summary</li> <li>• Late Report</li> <li>• Absent Report</li> <li>• Half Day Report</li> <li>• Early Going Summary</li> <li>• Time Out Summary</li> <li>• Transaction Report</li> <li>• Working Report</li> <li>• Overtime Report</li> <li>• Manual Attendance</li> <li>• Attendance Report</li> <li>• Employee Shifts</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>Other Requirement:</b>				
10.1.	<b>Warranty:</b> <ul style="list-style-type: none"> <li>• All electronics items have a One year warranty from the date</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	

FACE RECOGNITION BIOMETRIC MACHINE

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**TECHNICAL SPECIFICATION**  
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**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

10.2.	<ul style="list-style-type: none"> <li>The bidder shall be responsible for processing all under warranty claims free of cost.</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
10.3.	<p><b>Demonstration:</b></p> <ul style="list-style-type: none"> <li>Demo of Face Recognition Biometric Machine at EED within two week's time after opening of tender.</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
10.4.	<p><b>Training:</b></p> <ul style="list-style-type: none"> <li>Bidder should provide detailed operational training to 04 CAA officials on site so that PCAA personnel may be able to operate the system with its full capability.</li> <li>Bidder should provide technical training to 04 CAA officials for troubleshooting / maintenance at site so that PCAA personnel may be able to isolate the fault during unserviceability (First Line Maintenance).</li> <li>The successful bidder shall be responsible for finalizing a detailed training plan in consultation with PCAA.</li> <li>Training Certificate duly signed and stamped by the Additional Director EED for Head quarter &amp; Chief of SOEE, for CATI Hyderabad to be provided with the Payment Invoice.</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>	
10.5	<p><b>Manual</b></p> <p>The successful bidder shall be responsible to provide the following manual in English:</p> <ol style="list-style-type: none"> <li>Operator/ User manual</li> <li>Technical Manual (including Systems Administration, Installation and Maintenance).</li> <li>Bidder shall also share technical or any other documentation of Software with PCAA Team</li> </ol>		Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>	
11	<p><b>Installation &amp; commissioning:</b></p> <ul style="list-style-type: none"> <li>The proper installation &amp; commissioning of FACE RECOGNITION BIOMETRIC MACHINES at Headquarters PCAA &amp; CATI Hyderabad will be the responsibility of successful bidder.</li> <li>The wiring should be done in such a manner that there would be no exposed wire.</li> <li>All related items such as installation materials which are used for installation will be provided by the successful bidder.</li> <li>Bidders should not quote separate cost of installation materials; however the same may be included in the cost of installation/commissioning.</li> <li>SAT Certificate duly signed and stamped by the Additional Director EED for Head quarter &amp; Chief of SOEE, for CATI Hyderabad to be provided with the Payment Invoice.</li> </ul>		Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>	

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FACE RECOGNITION BIOMETRIC MACHINE

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**HEADQUARTERS' PAKISTAN CIVIL AVIATION AUTHORITY**  
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**TECHNICAL SPECIFICATION**  
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**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

12	<p><b>Delivery of Stores / Site Acceptance:</b></p> <p>12.1 Delivery of stores of BOQ items would be made at Logistics Center (South) JIAP, Karachi as per Delivery Terms. <b>Note:</b> Part Delivery of stores would not be allowed.</p> <p>12.2 The total completion time shall be 90 days (including Delivery of stores, Installation, Commissioning and testing from the date of signing of the contract. Kindly note that 90 days' completion time include minimum 10 days of dispatch time by PCAA for delivery of Biometric Face Reorganization machines, Finger print scanners, PCs with all allied accessories to Head Quarter PCAA Karachi &amp; CATI Hyderabad.</p> <p>12.3 After receipt of BOQ items at PCAA logistic Depot (south) and its testing by OIC EED, PCAA will deliver the same to the Head Quarter &amp; CATI Hyderabad and issue intimation letter to the firm /company to carry out the installation. The firm /company has to complete the installation / commissioning and site acceptance as per attached compliance sheet, at Headquarter &amp; CATI Hyderabad within the time frame as mentioned at 12.2.</p> <p>12.4 Delivery of installation materials at both sites is the responsibility of the successful bidder.</p>		<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
13	<p><b>Survey</b></p> <ul style="list-style-type: none"> <li>In order to bid accurately specially to assess installation material and respective cost, it is recommended that bidders opt for site survey.</li> <li>The technical visit/ Site Survey prior to submission of bids may be conducted at no cost no obligation basis to PCAA. However, all visits shall be coordinated with HQCAA</li> </ul>		<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
14	<p><b>Annual Maintenance Contract</b></p> <ul style="list-style-type: none"> <li>The bidder should quote rates for 3 years' annual maintenance contract of quoted machines (With parts) after the expiry of warranty period. (The cost of Annual Maintenance contract will not be used for bid comparison).</li> </ul>		<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
15	<p><b>Critical Spares</b></p> <p>The bidder is required to quote the list with price of all the critical spares. The quoted price will be locked for 3 years. (The cost of critical spares will not be used for bid comparison).</p>		<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	

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**TECHNICAL SPECIFICATION**  
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**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

BOQ ITEMS: (Bidder to quote cost of each item)			
INTENT AND STANDARDS	QUANTITY	RESPONSE	REMARKS
<b>16</b> <b><u>FACE RECOGNITION BIOMETRIC MACHINE</u></b> 16.1 Face Recognition Biometric Machines qty. 07 for Head Quarter. 16.2 Face Recognition Biometric Machines qty. 07 for CATI Hyderabad	<b>14</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>17</b> <b><u>FINGER PRINT SCANNER FOR REGISTRATION</u></b> 17.1 Finger print Scanner qty.01 for Head Quarter 17.2 Finger print Scanner qty.01 for CATI Hyderabad	<b>02</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>18</b> <b><u>CLIENT PC FOR POLLING /REGISTRATION</u></b> Latest Core i5 Gen.10 PC with OS 18.1 Qty-01 for Head Quarter 18.2 Qty-01 for CATI Hyderabad	<b>02</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>19</b> <b><u>SERVER:</u></b> 19.1 Qty.01 for backup server with OS	<b>01</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>20</b> <b><u>UPS:</u></b> 20.1 UPS 3 KVA true online (0.9 power factor) from international brands qty. 01 for Head Quarter. 20.2 UPS 3 KVA true online (0.9 power factor) from international brands qty. 01 for CATI Hyderabad.	<b>02</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>  Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b>21</b> <b><u>SOFTWARE</u></b> 21.1 Web Base Time Attendance Software			

FACE RECOGNITION BIOMETRIC MACHINE

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**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS KARACHI & CATI HYDERABAD**

Professional Version with Dashboard and Lifetime License, Unlimited login user, Unlimited employee registration (On installable DVD)	02	Yes <input type="checkbox"/> No <input type="checkbox"/>	
21.2 Machine Management software shall be a web based security platform, designed with an intuitive and user-friendly interface to manage infinite number of Biometric machines in all aspects.	02	Yes <input type="checkbox"/> No <input type="checkbox"/>	

SPECIFICATIONS OF INSTALLATION MATERIAL: (Bidders to meet or exceed the below specs)			
22	<b>CAT-6 UTP CABLE:</b> <ul style="list-style-type: none"> <li>Cable Type: UTP (unshielded)</li> <li>Pairs, quantity: 04 (Copper)</li> <li>Conductor Gauge, singles: 23AWG</li> <li>Conductors, quantity:08</li> <li>Approved brand Clipsal, 3M corning, or equivalent</li> </ul>	Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
23	<b>Channel patti /Duct for Cable</b> <ul style="list-style-type: none"> <li>From Adamjee or equivalent</li> </ul>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
24	<b>PVC Pipe</b> <ul style="list-style-type: none"> <li>From Galco or Jeddah or equivalent</li> </ul>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
25	<b>Power Cable</b>  1.5 mm2 two core Pakistan Cable or equivalent	Yes <input type="checkbox"/> No <input type="checkbox"/>	



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**HEADQUARTERS' PAKISTAN CIVIL AVIATION AUTHORITY**  
(Telecom & Electronics Branch)

**TECHNICAL SPECIFICATION**  
(COMPLIANCE SHEET)

**SUPPLY, INSTALLATION & COMMISSIONING OF FACE RECOGNITION BIOMETRIC  
MACHINE FOR ATTENDANCE & ACCESS CONTROL SYSTEM AT PCAA HEADQUARTERS  
KARACHI & CATI HYDERABAD**

**CRITERIA FOR EVALUATION OF TECHNICAL AND FINANCIAL PROPOSAL**

S. No.	Evaluation Criteria	Max. Score
1.	Experience of firm (The date of registration with Sales Tax shall be considered as date of establishment.)  10 Years or Above: 10 Above 8 & Below 10 Years: 8 Above 3 & Below 8 Years: 5 Below 3 Years: 0	10
2.	Company must have ISO certified  YES :5 NO :0	05
3.	Complete offer with documents, presentation of proposal, and list of all equipment offered.	10
4.	The bidder should submit a detailed Survey Report along with the bid including the Work Methodology and Work Plan and Activity Time Line to evaluate the understanding of the bidder of the Scope of Work.  Report Included = 20 Marks Not Included = 0 Marks	20
5.	Conformance of offered equipment to the technical specifications	55
<b>Total</b>		<b>100</b>
<b>Minimum Qualifying Score</b>		<b>80</b>
Calculation for financial score will be based on the formula  = $\frac{100 \times \text{lowest bid}}{\text{Specific bid}}$		

**Note:**

1. Procurement of Biometric system shall be finalized on the basis of Quality and Cost based Selection method.
2. Technical proposal is assigned a weight of 70% and financial proposal is assigned a weight of 30%.

FACE RECOGNITION BIOMETRIC MACHINE

T&E HQCAA

