



**AIRPORTS AUTHORITY OF INDIA
CHENNAI AIRPORT PROJECT
CHENNAI - 600 016
AIRPORT PROJECT ELECTRICAL DIVISION-II**

Tender ID : 2022_AAI_115669_1

**Tender Reference No : 02_2022_PED_BOOM BARRIER
AND TRAFFIC SIGNAL**

TENDER DOCUMENT

**NAME OF WORK: PROVIDING OF RFID BASED AUTOMATIC
BOOM BARRIER AND TRAFFIC SIGNAL
LIGHT AT CHENNAI AIRPORT.**

BID MANAGER : ASST. GENERAL MANAGER (E-E) – I

**AIRPORTS AUTHORITY OF INDIA
AIRPORT PROJECT ELECTRICAL DIVISION – I
CHENNAI AIRPORT, CHENNAI-600 016**

**Name of Work : Modernization of Chennai Airport Phase -II, Chennai.
Construction of Road in front of Terminal Building -
SH : Providing of RFID Based Automatic Boom Barrier and
Traffic signal light.**

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This Tender Document consists of **255 Pages (Two Hundred and Fifty-Five Pages Only)**.

Sd/-
Asst. General Manager (Engg-Elect),
PED – I, AAI, Chennai Airport
Chennai-600 016.



**AIRPORTS AUTHORITY OF INDIA
AIRPORT PROJECT ELECTRICAL DIVISION
CHENNAI AIRPORT :: CHENNAI - 600 016**

NIT SUMMARY

1	Tender ID	2022_AAI_115669_1
2	Tender Reference No.	02_2022_PED_BOOM BARRIER AND TRAFFIC SIGNAL
3	Name of Work	Modernization of Chennai Airport Phase -II, Chennai – Construction of Road in front of Terminal Building – SH: Providing of RFID Based Automatic Boom Barrier and Traffic signal light at Chennai Airport.
4	Estimated Cost (Excluding GST)	Rs. 80,99,552.00 (Excluding GST)
5	Earnest Money Deposit (EMD)	Rs. 1,61,991.00 will be required to be paid by Online payment only through CPP portal.
6	Time Allowed	03 (Three) Months
7	Tender Processing Fee (Non – refundable), to be paid through online	Rs. 1,180.00 (Including GST Non-Refundable) will be required to be paid by Online payment only through CPP portal.
8	Publishing Date	12.05.2022 @ 1700 Hrs.
9	Bid Document Download / Sale Start Date	12.05.2022 @ 1730 Hrs.
10	Clarification Start Date	12.05.2022 @1730 Hrs.
11	Clarification End Date	18.05.2022 upto 1800 Hrs.
12	Bid Submission Start Date	12.05.2022 @ 1730 Hrs.
13	Bid Submission End Date	01.06.2022 upto 1800 Hrs.
14	Bid Opening Date (Envelope-I)	03.06.2022 @ 1100 Hrs.
15	Bid Opening Date: (Envelope-II)	09.06.2022 @ 1100 Hrs.



**AIRPORTS AUTHORITY OF INDIA
CHENNAI AIRPORT PROJECT, CHENNAI - 600 016.
PROJECT ELECTRICAL DIVISION-I**

No. AAI/CHE/PED-I/ BBTSL /2022/

DATE: 12.05.2022

NOTICE INVITING e-TENDER (2 BOT – 2 COVER OPEN TENDER)

(E - Bid No: 2022_AAI_115669_1)

Item Rate e-tenders are invited through the e-tendering CPP Portal by Dy. General Manager(E-E), Airports Authority of India, Project office, 3rd floor Airport Metro station, Chennai Airport, Chennai –600 016, on behalf of Chairman, AAI from the eligible Contractors for the work of **"Modernization of Chennai Airport Phase -II, Chennai – Construction of Road in front of Terminal Building – SH : Providing of RFID Based Automatic Boom Barrier and Traffic Signal light at Chennai Airport"** at an estimated cost of **Rs. 80,99,552/- (Excluding GST)** with completion period of **SITC - 03 Months (Three Months)**.

The tendering process is online at CPP portal URL address <https://etenders.gov.in/eprocure/app> or www.aai.aero Prospective Tenderers may download and go through the tender document.

Prospective Tenderers are advised to get themselves register at CPP portal, obtain 'Login ID' and 'Password' and go through the instructions available in the Home Page after log in to the CPP portal <https://etenders.gov.in/eprocure/app> or www.aai.aero They should also obtain Digital Signature Certificate (DSC) in parallel which is essentially required for submission of their application. The process normally takes 03 days time. The tenderer may also take guidance from AAI Help Desk Support through path [aai.aero/tender/e-tender/help desk support](http://aai.aero/tender/e-tender/help%20desk%20support).

- (i) For any technical related queries please call the Helpdesk. The 24 x 7 Help Desk details are as below:

Tel: 0120-4200462, 0120-4001002, Mobile: 91 8826246593,

E-mail: support-eproc@nic.in

Tenderers are requested to kindly mention the URL of the Portal and Tender ID in the subject while emailing any issue along with the contact details.

For any further technical assistance with regard to functioning of CPP Portal the tenderer may contact to the following AAI help desk numbers on all working days only between

- (ii) 08.00 hrs. to 20.00 hrs. (Mon-Sat)-

011-24632950, Ext-3512 (Six Lines), E-Mail: eprochelp@aai.aero



- (iii) 09.30 hrs. to 18.00 hrs. (Mon-Fri)-
011-24632950, Ext-3523, E-Mail: etendersupport@aai.aero,
sanjeevkumar@aai.aero and snita@aai.aero
- (iv) 09.30 hrs. to 18.00 hrs. (Mon-Fri)-
011-24657900, E-Mail: gmitichq@aai.aero

ONLINE PAYMENT DETAILS:

- i. Tender processing fee of **Rs. 1,180/-** (i/c GST), non-refundable shall be paid online through payment gateway in CPP Portal only (Ref. Page NIC-GePNIC 1 to 21)
 - ii. EMD (Earnest Money Deposit) of **Rs. 1,61,991.00** Scanned copy of details of payment made through online SBI payment gateway against of EMD in CPP Portal (Ref. Page NIC-GePNIC 1 to 21)
 - iii. The tender fee of **Rs. 1,180/-** and EMD **Rs. 1,61,991.00** has to be submitted through CPP portal by the bidder, within the due date of submission of the bid as below and scanned copy of said payment receipt has to be submitted in Cover -I, failing which the bid shall be summarily rejected.
 - iv. Concession to MSE units is not applicable to this tender as the work is of construction in nature. Hence, the bidder shall not claim exemption for tender fee/ EMD.
2. **Following 2 Covers shall be submitted through online at CPP-Portal by the tenderer as per the following schedule:**

CRITICAL DATA SHEET

Publishing Date	12.05.2022 @ 1700 Hrs.
Bid Document Download / Sale Start Date	12.05.2022 @ 1730 Hrs.
Clarification Start Date	12.05.2022 @ 1730 Hrs.
Clarification End Date	18.05.2022 upto 1800 Hrs.
Bid Submission Start Date	12.05.2022 @ 1730 Hrs.
Bid Submission End Date	01.06.2022 upto 1800 Hrs.
Bid Opening Date (Cover-I)	03.06.2022 @ 1100 Hrs.
Bid Opening Date: (Cover-II)	09.06.2022 @ 1100 Hrs.
Tender Processing Fee (Non-refundable) to be paid online through CPP Portal.	Rs.1,180.00 (including GST Non-Refundable) will be required to be paid by Online payment only through CPP portal.
Earnest Money Deposit [EMD]	Rs. 1,61,991.00 will be required to be paid by Online payment only through CPP portal.



Cover-I (Tender Processing Fee, EMD Declaration, Technical Bid and Pre-qualification):

Bid containing following:

A. Tender processing Fee, EMD Declaration:

- i) Scanned copy of online payment receipt [in PDF Format] of Tender Processing fee (Non-Refundable) of **Rs. 1,180/-** (Rupees One Thousand one Hundred and Eighty Only).
- ii) Scanned copy of online payment receipt [in PDF Format] of EMD of **Rs. 1,61,991/-** (Rupees One lakh sixty one thousand nine hundred ninety one only).

B. Technical Bid containing the following:

- i) Scanned copy [in PDF Format] of **Duly Signed Unconditional Acceptance of AAI's Tender Conditions (Annexure –A).**
- ii) Scanned Copy [in PDF Format] of Permanent Account Number **(PAN).**
- iii) Scanned Copy [in PDF Format] of GST Registration.
- iv) Scanned Copy [in PDF Format] of Undertaking regarding Blacklisting / Debarment on Company's Letter Head **(Annexure-B).**
- v) Companies other than propriety firm shall submit, scanned copy of Authorization Letter / Power of Attorney along with copy of Certificate of Incorporation of the Company under Companies Act showing CIN / LLPIN/ Name of Directors of the Company & Copy of Board Resolution regarding Authority to assign Power of Attorney. Proprietary firm shall submit scanned copy of Authorization Letter / Power of Attorney only if the tender is processed by a person other than proprietor.
- vi) Scanned Copy [in PDF Format] of duly filled PQ Performa **(Annexure – C)** with Duly Signed Declaration.
- vii) Scanned Copy [in PDF Format] of GST Undertaking **(Annexure-D).**
- viii) Scanned Copy [in PDF Format] of PF Registration certificate.
- ix) Scanned Copy [in PDF Format] of ESIC Registration certificate.
- x) Scanned Copy [in PDF Format] of Valid Electrical Contractor's License issued by State Licensing Authority.
- xi) Scanned Copy [in PDF Format] of Undertaking for Minimum Wages **(Annexure-E).**
- xii) Scanned Copy [in PDF Format] of duly signed Undertaking for IMS by the Contractors **(Annexure-F)**
- xiii) Scanned Copy [in PDF Format] E-Payment Details. **(Annexure-G)**
- xiv) Certificate of NETWORTH issued by certified Chartered Accountant. **(Annexure-H)**



- xv) Scanned copy of the Declaration for Experience certificate. **(Annexure-I)**
- xvi) Scanned copy of the undertaking for Deployment of T & P. **(Annexure - J)**
- xvii) Scanned copy of the Financial data. **(Annexure - K1 to K3)**
- xviii) Supplementary agreement **(Annexure-P)**
- xix) Instruction of Online Bid submission. **(Annexure-T)**
- xx) Transmission of bank guarantee cover message to be submitted by applicant to BG issuing bank. **(Annexure-U)**
- xxi) Digitally Signed AAI Tender Document.

Refund of EMD

The refund of EMD to tenderers who fail to qualify in the eligibility / technical criteria and for all tenderers who qualify and their financial bids are opened, the refund of EMD of all such tenderers shall be processed as per Refund and Settlement process of Tender fee and EMD.

EMD of unsuccessful bidders received through bank transfer mode (RTGS / NEFT) shall be refunded online through the same mode only and it shall be refunded in the Bank Account whose details are provided on the portal at the time of submission of the tender.

C. Qualifying requirements of contractors / tenderers containing the following:

- i) Should have satisfactorily completed work (# Phase/ Part Completion of the Scope of Work in a Contract shall not be considered. However pre-determined Phasing of the Work will be accepted) of similar nature of work i.e. **"RFID Based Automatic Boom Barrier/ Traffic Signal light, Internal and External electrical installations"** during last seven years as stipulated in table below:

Sl. No.	Experience criteria in single contract per year on Estimated Cost	Amount excluding GST	Amount including GST or service tax
1	Three Works for 40%	₹ 32,39,821.00	₹ 38,22,989.00
2	Two Works for 50%	₹ 40,49,776.00	₹ 47,78,736.00
3	One Work for 80%	₹ 64,79,642.00	₹ 76,45,977.00

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid.



Client Certificate for Experience should show the Nature of Work done, the Value of Work done, Date of Start and Date of Completion as per Agreement, Actual Date of Completion and Satisfactory Completion of Work along with Work Order and Bill of Quantities.

Tenderers showing Work Experience Certificate from Non-Government/ Non-PSU Organizations should submit copy of Tax Deduction at Sources (TDS) Certificates along with a certificate issued by registered Chartered Accountant, clearly specifying the name of work, total payment received against the work and TDS amount for the work.

- ii) The bidder shall be either original equipment manufacturer (OEM) of any makes as per list of approved makes or their authorized dealer/representative. In case of OEM, proof of being OEM shall be submitted. In case of Authorized Dealer/Representative, authorization certificate issued by OEM is to be submitted. Agency also has to submit compliance sheet of Technical specification of each equipment.
- iii) Scanned Copy [in PDF Format] of Annual Turnover Details: The Agency should have annualized Average Financial Turnover of **Rs. 24,29,866.00** against works executed during Last Three Years ending 31st March 2021 of the previous financial year. As a proof, Copy of Abridged Balance Sheet along with Profit and Loss Account Statement of the tenderer should be submitted along with the application. Tenderers showing continuous losses during the last three years in the balance sheet shall be summarily rejected.
- i) The tenderer should have minimum net worth of **Rs. 12,14,933** issued by certified Chartered Accountant **(Annexure-H)**.

Scanned copy of all the Documents of Cover-I mentioned above shall be submitted on CPP portal only.

Cover-II: -The Financial e-Bid through CPP Portal.

All rates shall be quoted in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the tenderers. Tenderers are required to download the BOQ file, open it and complete the blue coloured (unprotected) cells with their respective financial quotes and other details (such as name of the tenderer). No other cells should be changed. Once the details have been completed, the tenderer should save it and submit it online, without changing the filename. **If the BOQ file is found to be modified by the tenderer, the bid will be rejected.**



- a. **The work is for Modernization of Chennai Airport Phase -II, Chennai – Construction of Road in front of Terminal Building – SH: Providing of RFID Based Automatic Boom Barrier and Traffic Signal light at Chennai Airport.**

3. Bid Submission: -

The tenderer shall submit their application only at CPP Portal: https://etenders.gov.in/eprocure/app_Tenderer/ Contractor are advised to follow the instructions provided in the tender document for online submission of bids. Tenderers are required to upload the digitally signed file of scanned documents as per Para 2. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. Uploading of application in location other than specified above shall not be considered. Hard copy of application shall not be entertained.

4. Not more than one tender shall be submitted by one tenderer or tenderers having business relationship. Under no circumstance will father and his son (s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/ director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.
5. Tenderer who has downloaded the tender from Central Public Procurement Portal (CPPP) website <https://etenders.gov.in/eprocure/app> shall not tamper/ modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tampered/ modified in any manner, tender will be completely rejected and the tenderer shall be suspended from bidding in AAI Tenders for 01 Year and also liable to be banned from doing business with AAI.

6. Bids Opening Process is as below: -

Cover-I (Tender Processing Fee, EMD, Technical bid and Pre-qualification):

Cover-I containing documents as per Para 2 (A), (B) and (C) (uploaded by the tenderers) shall be opened on date & time mentioned in CRITICAL DATA SHEET.

If the bidder has any query related to the Bid Document of the work, they should use 'Seek Clarification' on CPP Portal to seek clarifications. No other means of communication in this regards shall be entertained.

If any clarification is needed from the tenderer about the deficiency in his uploaded documents in Cover - I, he will be asked to provide it through CPP



Portal or email if required. The tenderer shall upload the requisite clarification/ documents within time specified by AAI, failing which it shall be presumed that bidder does not have anything to submit and bid shall be evaluated accordingly.

The intimation regarding acceptance/ rejection of their bids will be intimated to the tenderers through CPP Portal.

Cover-II (Financial Bid):

Cover-II containing financial bid of the tenderers found to be meeting the technical criteria and qualifying requirements shall be opened on date & time mentioned in CRITICAL DATA SHEET. **(In case the date and time for opening of Cover-II (Financial bid) is required to be changed, the same shall be intimated through CPP Portal).**

7. AAI reserves the right to accept or reject any or all applications without assigning any reasons.

AAI also reserves the right to call off tender process at any stage without assigning any reason.

8. AAI reserves the right to disallow the working agencies whose performance at ongoing project (s) is below par and usually poor and has been issued letter of restrain/ Temporary or Permanent debarment/black listing by any department of AAI or Central / State Govt. Depts. / PSUs / World Bank / ADB etc. **AAI reserves the right to verify the credential submitted by the tenderer at any stage (before or after the award the work). If at any stage, any information/ documents submitted by the applicant is found to be incorrect / false or have some discrepancy which disqualifies the tenderer then AAI shall take the following action:**

a)The tenderer shall be suspended from bidding in AAI tenders for a period of one year.

b)The tenderer shall be liable for debarment from tendering in AAI, including termination of the contract apart from any other appropriate contractual/ legal action.

9. Consortium/ JV companies shall not be permitted.
10. Purchase preference to Central Public Sector Undertaking shall be applicable as per the directive of Govt. of India prevalent on the date of acceptance.
11. Since this work falls under the category of construction works, concession to Indian Micro & Small Enterprises (MSEs) unit registered with DIC / NSIC /



KVIC / KVIB / Directorate of Handicraft and handloom etc. to be given as per the provisions of public procurement policy for MSEs order 2012 with up-to-date amendments shall not be extended to this tender.

12. If the entity participating in any of the tenders is a private or public limited company, Partnership Firm or proprietary firm and any of the Directors/ Partners/ Proprietor of such company is also a Director of any other company or partner of a concern or a sole proprietor having established Business with AAI and has outstanding dues payable to the Authority, then the said entity shall Not be allowed to participate in AAI tenders.

(Digitally Signed)
(BID MANAGER)
Asst. General Manager (Engg-Elect) – I,
PED-I, AAI, Chennai Airport Project
Chennai-600 016.