



GEM BID NO: GEM/2026/B/7419558
Tender Ref. NO: AAI/TRY/ENGG(E)/ARMO-18/2025-26

Name of Work : Provision of PVC Insulated Synthetic Mats at Trichy Airport.

Additional Terms & Conditions

Estimated cost: Rs. 8.28 lakhs (Including GST)
EMD amount: Rs. 21,062.00

AIRPORTS AUTHORITY OF INDIA
ENGINEERING WING
TIRUCHIRAPALLI INTERNATIONAL AIRPORT,
TRICHY – 620 007.

AIRPORTS AUTHORITY OF INDIA

Name of Work: Provision of PVC Insulated Synthetic Mats at Trichy Airport.

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Certified that this ATC document contains pages 1 to 28 pages only

Senior Manager (Engg. Elect)
AAI, Trichy International Airport

भारतीयविमानपत्तनप्रधिकरण / AIRPORTS AUTHORITY OF INDIA
इंजीनियरिंगस्कंध (विदवुत) / ENGINEERING WING (ELECTRICAL)
तिरुचिअंतर्राष्ट्रीयहवाईअड्ड, तिरुचि / TRICHY INTERNATIONAL AIRPORT, TRICHY – 07.

Ref:- AAI/TRY/ENGG(E)/ARMO-18/2026-27/

Date : 05.04.2026

(Notice Inviting e-Tender – 2 Envelope)

Gem bid:

- 1) Item rate bids are invited through the GeM portal by Senior Manager (Engg-E), Airports Authority of India, Trichy Airport, on behalf of Chairman, Airports Authority of India from the eligible contractors for the work of **“Provision of PVC Insulated Synthetic Mats at Trichy Airport”** at an estimated cost **Rs. 8.28 Lakhs (including GST)** with completion period of **02 (Two) Months**. The Bidding process is online at GeM-portal URL address www.gem.gov.in
- 2) The tendering process is online at GeM-portal URL address <https://gem.gov.in>. Prospective bidders may download and go through the tender document by login in to the GeM portal. Any amendment or corrigendum to the tender document will be posted on GeM Portal only. As the tendering process is online on GeM portal, it is bidder responsibility to check for any amendment / corrigendum on GeM Portal before submitting the bid online on GeM portal. Also, the bidders are advised to get themselves acquainted with the e-tendering process on GeM portal which requires registration at GeM portal, obtain “UserID” & “Password” and go through the “Bid for Services – Service Provider side” available in the home page after login to the GeM portal <http://gem.gov.in>.
- 3) Bidders shall submit their bids as per scheduled date and time through GeM- procurement portal at <http://gem.gov.in> only.
- 4) GeM portal -procurement system shall not allow bidders to submit their tender, after the scheduled date and time. Bidders shall submit tender before the schedule deadline specified in GeM bid document or the extended deadline notified by issue of corrigendum, as the case may be.
- 5) For any technical related queries please call the Helpdesk. The 24x 7 Help Desk details are as below: -

[Tel:1800-419-3436 /1800-102-3436 \(9:00 am-10:00pm Mon to Sat\)](tel:1800-419-3436)

E-mail:helpdesk-gem@gov.in

- 6) Earnest Money Deposit (EMD) of **Rs. 21,062.00** will be required to be paid ONLINE in the Bank Account. The details of Bank Account:

Beneficiary Name: Airports Authority of India

Name of Bank: State Bank of India

Branch Address : Airport branch, Trichy- 620 007

Bank A/c No.: 40533688990 IFSC Code: SBIN0016393(SBIN(Zero,Zero)16393)

Note: MSE's are exempted from EMD as per para 16.

CRITICAL DATA SHEET

Publishing Date	05.04.2026
Bid Document Download / Sale Start Date	As per GeM portal
Clarification Start Date	As per GeM portal
Clarification End Date	As per GeM portal
Bid Submission Start Date	As per GeM portal
Bid Submission End Date	As per GeM portal
Bid Opening Date (Envelope- I)	As per GeM portal
Bid Opening Date (Envelope- II)	As per GeM portal

7) Envelope-I(Technical bid and Pre-qualification):- Bid containing the followings:

A. Technical Bid (Envelope – I) should containing the followings:

- i) A proof of online payment through e-payment against EMD or Valid MSME certificate in the relevant category against EMD.
- ii) Scanned copy of Unconditional Tender Acceptance letter on Bidder's letter head (Proforma given at Page No. 13).
- iii) Scanned copy of Permanent Account Number (PAN) and GST Registration Number.
- iv) Scanned copy of 'Undertaking' regarding Blacklisting / Debarment on Bidder's Letter Head. (Proforma given at Page No. 14)
- v) Scanned copy of Form- A - details of similar works completed during last seven supported with completion certificate issued by client. (Proforma given at Page No. 15)
- vi) Scanned copy of Form- B - Financial information(Turnover) (Proforma given at Page No. 16)
- vii) Scanned copy of Form- C -Net Worth (Proforma given at Page No. 17)
- viii) Bidders 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.
- ix) PQ Performa duly filled.

- x) Digitally signed Tender / Bid document including NIT & ATC.

B. Qualifying requirements of contractors / Tenderers containing the followings:-

- i) Should have successfully completed or substantially completed three works, each of **Rs. 2.81 Lakhs** or two works, each of **Rs. 3.51 Lakhs**, or one work of **Rs. 5.62 Lakhs** in single contract of similar nature of **“Supply & fixing of PVC insulated synthetic mats at Airports / Govt. Buildings / Public Buildings”** during last (07) seven years ending last day of month previous to the one in which tenders are invited.
- ii) The details of similar works completed during last seven years in the given format-**Form-A** with supporting documents issued by client.

Note:

1. The Experience Certificates of works completed pre GST era, completion amount will be divided by 1.12 (to exclude pre GST taxes) to make it at par with experience certificates of post GST era but excluding GST
2. The Tenders invited for Annual Rate Contracts for O&M/AMC/CMC works, agency having experience of completed AMC contract of more than one year shall be counted for the value of work for a completed one year on pro-rata basis. However, the agency who has completed one year of work in running AMC contract of more than one year, may be counted for the value of work for a completed one year on pro-rata basis.
3. Experience gained by executing work on back-to-back contract/sub contract basis is acceptable in the following conditions:
 - (a) Work should be actually executed by the second agency (Sub-contractor) with due concurrence of the owner as tripartite agreement/written approval. It should be backed by valid agreement and experience certificate.
 - (b) Payments received by second agency should be reflected in TDS certificates
4. Experience gained in composite works for the specialized nature of works (List of specialized Items/Jobs/Works are mentioned at Para 35.3 of AAI Works Manual) were executed by main contractor either by in-house expertise & experience or by engaging the specialized agencies with the approval of main client as per contract conditions. In such cases, main contractor as well as specialized agency both get the experience certificate for the same work from their respective client(s) i.e. main contractor for composite work along with specialized works from owner and specialized agency for specialized work(s) from the main contractor.

In this situation, the experience certificate of either specialized agency or main agency having in-house expertise & experience, who has actually executed the specialized work(s), shall be considered for Technical/Pre-qualifying criteria in similar specialized nature of works (s).

5. Substantial completion shall be based on 80 (eighty) percent of awarded cost or more value wise works completed under the contract. Substantial completion should not be defined in terms of percentage completion, rather it should be based on functional consideration.

Certificate for substantial completion of project/work/asset should contain two part, Part-I shall contain financial value of work done' and part-II shall contain certificate of functional completion of project/work/asset”

“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 date of bid opening (Cover-I/Technical bid)”.

Client certificate for experience should show the nature of work done, the value of work, date of start, 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) certificate (s) 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.**

- iii) Should have Annual Average Financial Turnover [30% of the 1.18 Times of the Estimated Cost] of **Rs. 2.49 Lakhs** against works executed during Last Three Years ending 31st March of the previous Financial Year. The Financial Information shall be submitted as per **Form-B**. As a proof, Copy of Abridged Balance Sheet along with Profit and Loss Account Statement of the firm duly certified by the Chartered Accountant should be submitted along with the application. Tenderers showing continuous losses during the last three years in the Balance Sheet shall be summarily rejected.
- iv) The tenders should have a minimum net worth of **Rs. 1.05 Lakhs** issued by certified Chartered Accountants. The Certificate should be submitted in the given format-**Form-C**
- v) Tenderers have to submit Unique Document Identification Number (UDIN) generated documents like financial information (Turnover with loss/profit), Net worth certificate etc., as per NIT conditions duly certified by CA and having UDIN. The documents submitted by bidders without UDIN shall not be entertained.

Envelope-II: -The Financial e-Bid through Gem portal.

All rates shall be quoted in the format provided and no other format is acceptable. If the price bid has been given as 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 fill their respective financial quotes and other details (such as name of the Tenderers). Once the details have been completed, the Tenderers should save it and submit it online, without changing the file name. If the BOQ file is found to be modified by the tenderer, the bid will be rejected.

3. Refund of EMD

EMD deposited by all the bidders except the confirmed lowest bidder shall be returned within one week from the date of opening of the financial bid. EMD of the successful bidder shall be returned on receipt of security deposit equivalent to EMD amount/performance bank guarantee.

4. Bid Submission:-

The tenderer shall submit their application only at Gem Portal: <https://sso.gem.gov.in/bidders/contractors> 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 7. 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.**

5. 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.
6. Tenderer who has downloaded the tender from Government e Marketplace (GEMP) website <https://sso.gem.gov.in> shall not tamper/modify the tender from 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 EMD would be forfeited and tenderer is liable to be banned from doing business with AAI.
7. **Bids Opening Process is as below: -**
Envelope-I (Technical bid and Pre-qualification):
Envelope-I containing Technical bid containing Documents as per Para 7 (A), (B) (uploaded by the bidders) shall be opened on date & time as per bid document.
If any clarification is needed from the tenderer about the deficiency in his uploaded documents in Technical bid, he will be asked to provide it through Gem portal 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 Gem portal.
Envelope-II (Financial Bid):
Envelope-II containing financial bid of the tenderers found to be meeting the technical criteria and qualifying requirements shall be opened on date & time as per bid document. **(In case the date and time for opening of Financial bid is required to be changed, the same shall be intimated through Gem Portal).**
8. 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.
9. 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. **AAI reserves the right to verify the credential submitted by the tenderer at any stage (before or after the award of 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) **Forfeit the entire amount of EMD submitted by the Tenderer.**
 - b) **The tenderer shall be liable for debarment for a period upto two years from tendering in AAI, including termination of the contract apart from any other appropriate contractual/legal action.**
10. Consortium /JV companies shall not be permitted.

11. Purchase preference to Central Public Sector Undertaking shall be applicable as per the directive of Govt. of India prevalent on the date of acceptance.
12. Concessions to Indian Micro & Small Enterprises (MSEs) units 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 be applicable for tenders of supply/services and shall not be extended to construction work-
13. Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry, Government of India, issued Public Procurement (Preference to Make in India), Order 2017 vide OM No. P-45021/2/2017-PP(BE-II) dated: 16.09.2020 is applicable
14. Requirement of registration by the Bidder from a country sharing land border with India based on order No. F. No. 6/18/2019-PPD dated: 23/07/2020 of Government of India, Ministry of Finance, Department of Expenditure (Public Procurement Division) with upto date amendments, regarding restriction under Rule 144(xi) of the General Financial Rules (GFR)2017 shall be applicable. Bidder shall submit scanned copy of 'Undertaking' on Company's letter head in the regards. (Annexure-LBS) (Proforma given at Page No. 21)

Senior Manager (Engg.-Elect)
For & behalf of Chairman
Airports Authority of India
Trichy International Airport,
Trichy – 620007.
Ph. No.: 0431-2340551-554, Ext:328

PQ PERFORMA

(To Be Uploaded by applicants in (Envelope –I))

Name of work: Provision of PVC Insulated Synthetic Mats at Trichy Airport.

GEM BID NO: GEM/2026/B/7419558

Ref. No.	Details of Bidder & Qualifying Criteria	Particulars	Remarks on Uploaded documents
1	2	3	4
1.	Name and address of the firm / Email Address & Telephone No.		
2.	Tender Processing Fee online payment (Non-refundable)		Scanned copy of receipt against online payment made in CCP-portal. YES / NO
3.	EMD (online payment) or Valid MSME certificate		Scanned copy of receipt against online payment made in Gem-portal or Valid MSME certificate YES / NO
4.	Tender Acceptance letter (Performa given at Page No. 14)		Signed & scanned copy uploaded YES / NO
5.	Permanent Account No. (PAN)		Copy of PAN card uploaded YES / NO
6.	GST Registration No.		Signed & scanned copy uploaded YES / NO
7.	Valid Electrical contractor license issued by state's licensing authority.		Signed & scanned copy uploaded YES / NO

Ref. No.	Details of Bidder & Qualifying Criteria	Particulars	Remarks on Uploaded documents
1	2	3	4
8.	Undertaking regarding Blacklisting / Debarment on Company's Letter Head		Signed & scanned copy uploaded YES / NO
9.	Tenderer should deploy sufficient plant and machinery as per the requirement of work in consultation with the Engineer-In-Charge (EIC) to achieve the milestones / targets and overall completion within the time period. Tenderer shall submit scanned copy of 'Undertaking' Company's Letter Head.		Signed scanned copy uploaded YES/NO
10.	PQ Performa		Filled and signed scanned copy uploaded YES / NO
11	Authorization Letter / Power of Attorney from Proprietor (Certificate of Incorporation and Board resolution if companies other than propriety firm)		Signed scanned copy uploaded YES/NO
12	EPF Registration No.	Agency not possessing EPF Registration at the time of submission of application/Bidder has to submit an undertaking as provided in Tender document along with the application/Bid.	Self attested copy of EPF indicating validity date, name (office) and registration no. uploaded YES / NO
13	ESIC Registration No.	Agency not possessing ESIC Registration at the time of submission of application/Bidder has to submit an undertaking as provided in Tender	Self attested copy of ESIC indicating validity date, name (office) and registration number uploaded

		document along with the application/Bid.	YES / NO
Ref. No.	Details of Bidder & Qualifying Criteria	Particulars	Remarks on Uploaded documents
1	2	3	4
14	<p>Certificate from clients of having satisfactorily completed Three works of Rs. 2.81 Lakhs each</p> <p style="text-align: center;">OR</p> <p>Two work of Rs. 3.51 Lakhs each</p> <p style="text-align: center;">OR</p> <p>One work of Rs. 5.62 Lakhs of similar nature of work during last seven years ending on last day of month previous to the one in which tenders are invited.</p>	Details of the Three/Two/One work(s) as applicable	<p>Form “A” – Details of similar works completed during last seven years ending on last day of month previous to the one in which tenders are invited.</p> <p>YES / NO</p>
15	<p>TURNOVER :</p> <p>Average Annual Financial Turnover of Rs. 2.49 Lakhs on construction works during last three years ending 31st March of the Previous financial year. Self-attested copy of Annual report i.e. Abridged balance sheet and profit & loss statement.</p>	<p>Year INR (in Lacs)</p> <p>2023-24</p> <p>2024-25</p> <p>2025-26</p> <p>Average :</p>	<p>The financial information shall be submitted in the given format-Form-B.</p> <p>YES / NO</p>
16	Minimum net worth of Rs. 1.05 Lakhs from Chartered Accountants and having UDIN		<p>The certificate should be submitted in the given format- Form-C</p> <p>YES/NO</p>
17	Whether experience from private clients?	Non-Govt. / Non-PSU organizations	<p>Scanned TDS Certificates of stipulated value of works from clients copy uploaded</p> <p>YES / NO</p>
18.	Affidavit (Minimum wages)		Digitally signed copy of Affidavit for minimum wages document uploaded

			YES / NO
19.	Digitally signed Tender documents		Digitally signed Tender document uploaded YES / NO
Ref. No.	Details of Bidder & Qualifying Criteria	Particulars	Remarks on Uploaded documents
1	2	3	4
20.	Details of any other information		
Envelope – II			
21.	Price /Financial E-Bid		Uploaded BOQ file duly filled in required parameter. YES / NO

DECLARATION

I/We, (_____) hereby declare that the documents submitted/enclosed for the tender are true to the best of my/our knowledge and belief. I/We further undertake that in case any of the documents submitted by me/us, is found to be forged/false at any stage, I/We may be debarred from AAI for taking participation in all future AAI works, my/our EMD may be forfeited & any other suitable action may be taken against me/us as deemed fit by AAI.

Place:

Date:

Signature
Authorized Signatory of the contractor/Firm

Note: If any of the supporting documents is submitted in any language other than English, a self-attested English Version shall be submitted with the respective document, however as mentioned all the documents duly self-attested shall be submitted

TENDER ACCEPTANCE LETTER

(TO BE SUBMITTED IN ENVELOPE – I)

(To be given on Contractor's letter head)

To,

The Senior Manager (Engg-Elect)

Airports Authority of India

Trichy International Airport,

Trichy – 620 007.

Sub: Acceptacne of Terms & Conditions of Tender

GeM Bid No: GEM/2026/B/7419558

Name of Work: Provision of PVC Insulated Synthetic Mats at Trichy Airport.

Sir,

ACCEPTANCE OF AAI'S TENDER CONDITIONS

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from GeM Portal web site(s) namely: <https://gem.gov.in/> as per your advertisement, given in the abovementioned website(s).
2. I/We hereby certify that, I/we have respected the site and read the entire terms and conditions of the tender documents, corrigendum(s) and reply to query if any made available to me/us which shall form part of the contract agreement and I/we shall abide hereby by the terms/conditions/caluses contained therein.
3. I/We hereby un conditionally accept the tender conditions of AAI's Tender documents in its totality/entirety for above mentioned work.
4. I/We declare that I/We have not paid and will not pay any bribe to any officer of AAI for awarding this contract at any stage during its execution or at the time of payment of bills, and further if any officer of AAI asks for bribe/gratification, I will immediately report it to the Appropriate Authority in AAI.
5. I/We hereby submitted that I/We paid/Submitted the required earnest money as per NIT conditions.
6. I/We certify that all information/documents furnished by our Firm is true & correct and in the event at any stage, the information/documents is found to be incorrect/untrue or found violated, then we shall be liable for debarment from tendering in AAI without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully

Date :

Signature of the Tenderer with rubber stamp

UNDERTAKING REGARDING DEBARMENT/BLACKLISTING

(To be given on Contractor's Letter Head)

Name of Work: Provision of PVC Insulated Synthetic Mats at Trichy Airport.

GeM Bid No: GEM/2026/B/7419558

I/We,, (name and post of authorized signatory) on behalf of(Name of firm) do here by solemnly affirm and declare as follows:

- (i) Our firm is not restrained/ debarred/ blacklisted by Airports Authority of India(AAI)/ Ministry of Civil Aviation(MoCA)/ Dept. of Expenditure(DoE), Ministry of Finance and the debarment/ blacklisting/ restraintment is not in force as on last date of opening of tender (Envelope-I, normally called as technical bid).
- (ii) None of Proprietor/Partners/Board Members/Directors of M/s.....(Name of firm) has remained Proprietor/Partner/Board Member/Director in any firm which stands debarred/ blacklisted/ restrained by AAI/MoCA/DoE and the debarment/ blacklisting/ restraintment is not in force as on last date of opening of tender (Envelope-I, normally called as technical bid).
- (iii) Our firm understands that if our firm either debarred before the date of opening of tender (first bid, normally called as technical bid, in case of two packet/ twostage bidding) or debarred before the date of contract by AAI/ MoCA/ DoE (Debarment applicable for all Ministries/ Departments), our bid is liable to be rejected at that stage.
- (iv) Our firm understands that at any stage, if above statements are found to be false, our firm shall be liable for debarment from bidding in AAI, apart from any other appropriate contractual legal action including debarment/blacklisting, restraintment, termination of the contract etc., as deemed fit.

Date:

Place:

[Signature and name of the authorized signatory of the firm]

FORM "A"

Details of similar works completed during the last seven years ending last day of month previous to the one in which tenders are invited.

S.No	Details of Work	W-1	W-2	W-3
i	Name of work/project and location			
ii	Name and Address of client			
iii	Awarded cost of work (in Rs. Lakhs)			
iv	Date of commencement as per contract			
v	Stipulated date of completion			
vi	Actual date of completion			
vii	Completion cost/Actual work done			
viii	Whether the work was done on back to back basis Yes/No			

Signature (S) of Bidder (S) with stamp

Note: The contractor should give list of only of eligible category works of requisite amount with supporting documents issued from client.

FORM "B"**FINANCIAL INFORMATION**

Name of the firm/contractor.....

1. Financial Analysis –Details to be furnished turnover on construction works with profit/loss as per figure in balance sheet account for the last three years duly certified by the chartered Accountant as submitted by the applicant to the Income-Tax department..

Fig in lakhs Rs.

Sl.No	Particulars	Financial year (Last three years)		
		FY.....	FY.....	FY.....
1	Gross Annual Turnover			
2	Turn-Over on construction works			
3	Profit/(loss) after taxes (Consolidated)			
4	Profit/(loss) after taxes (standalone)			

2. Financial arrangement for carrying out the proposed work

Unique Document Identification Number (UDIN),
Signature of Chartered Accountant with seal

Signature (S) of Bidder (S)

The bidder should give information strictly in above format

FORM "C"

FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT

“This is to certify that as per the audited balance sheet and profit & loss account during the financial year.....,the Net Worth of M/s.....(Name & Registered Address of individual/firm/company), as on.....(the date of certificate) is Rs.....after considering all liabilities. It is further certified that the Net Worth of the company has not eroded by more than 30% in the last three years ending on 31st March.....(the relevant year)”.

Unique Document Identification Number (UDIN).....

Signature of Chartered Accountant

.....

Name of Chartered Accountant

.....

Membership No. of ICAI

Date and Seal

Signature(s) of bidder(s)

***The relevant year shall be the financial year ending 31st March preceding the calendar year of bid submission or 31st March of the financial year preceding the previous financial year, if the balance sheet of the previous financial year has not been audited.**

ADDITIONAL TERMS & CONDITIONS

NAME OF WORK: Provision of PVC Insulated Synthetic Mats at Trichy Airport.

1. GENERAL

Special conditions of contract shall be read in conjunction with GeM Terms & Conditions, Technical specification and any other documents forming part of this contract wherever the context so requires.

Notwithstanding the sub-division of the document into these separate sections and volume every part of each shall be deemed to be supplementary, to and complementary to every other part and shall be read with into the CONTRACT so far as it may practicable to do so.

Wherever any portion of the GeM Terms & Conditions is repugnant to or at variance with any provisions of the Special Conditions of Contract, unless a different intension appears, the provisions of the special conditions of contract shall be deemed to over-ride the provisions of the GeM Terms & Conditions and shall to the extent of such repugnancy or variations, prevail. Furthermore, schedule of quantities shall prevail over any other conflicting conditions mentioned elsewhere.

The work shall be carried out as per enclosed specifications and relevant AAI/CPWD/IS code/ specifications and IE rules amended up to date.

Contractor is advised to visit the site before quoting the rates so that he must be aware of the site conditions. All the works in CCR Hall, NITB & Substation area, working time shall be restricted as per direction of AAI.

2. SCOPE OF WORK:

The scope of works included in this tender are given in the schedule of work enclosed and cover mainly the **Provision of PVC Insulated Synthetic Mats as specified in tender SOQ** but not limited to the following:

- i. Supply and fixing of CPRI tested, ISI marked, Class A Electrical insulation mat having minimum thickness of 2mm for working voltage up to 3.3kV, confirming to IS: 15652:2006.
- ii. Supply and fixing of CPRI tested, ISI marked, Class B Electrical insulation mat having minimum thickness of 2.5 mm for working voltage up to 11 kV, confirming to IS: 15652:2006.
- iii. Supply and fixing of CPRI tested, ISI marked, Class C Electrical insulation mat having minimum thickness of 3 mm for working voltage up to 33 kV, confirming to IS: 15652:2006.
- iv. Cutting and fixing / pasting at site. Including cleaning of floors with required level, providing adhesive etc. complete as required.
- v. Submission of test reports.

3. PERIOD OF CONTRACT:

The period of contract shall be 02 Months from the date of start of work.

4. ENTRY PASS: -

The Contractor shall apply in writing in advance of issue of necessary entry passes to workmen engaged by him. The office/ airport premises is essential service covered under the maintenance of essential service Act and hence disruption of service rendered will be a statutory offence. The necessary police verification etc. as required for issue of entry passes will be the responsibility of the contractor. All expenditure towards arranging security passes shall be borne by the Agency.

5. SECURITY:

The contractor and his employees shall abide by security regulations framed by AAI/BCAS or Police Authorities. Any worker of the contractor, whose presence is found undesirable in AAI premises i/c Operational Area/ restricted area at Trichy Airport, Trichy shall not be allowed to work. The contractor shall be fully responsible for the working of his staff. "If Contractor or his authorized representative or his employed workers are found violating any of security regulations, suitable action shall be taken by AAI as per prevailing rules."

All men and vehicles shall be permitted to enter the restricted / office area only on possession of the security passes. The contractor shall apply in writing in advance before commencement of work for issue of security passes and shall submit a list of personnel concerned with their address. The contractor shall ensure that his men are deployed only in those area where the security passes issued is valid for. Passes shall be deposited back with Engineer-In-Charge on demand and in any case immediately after completion of work. The contractor or his staff/ workmen shall observe all the rules promulgated from time to time by the concerned authorities. Any person found violating the security rules laid down by the authority will be expelled from the area without any reason whatsoever and contractor shall have no claim on this account.

6. REGULATIONS AND STANDARDS:

The Equipment/Tools shall conform in all respects to Indian Standard Code of Practice. It shall also be in conformity with the current AAI and CPWD specifications. Wherever this specification calls for a higher standard of material and/or workmanship than those required by any of the above regulations then this specification shall take precedence over the said regulation and standards.

7. RATES:

Prices shall be quoted in INR and shall be inclusive of any taxes, duties, cess, fee and charges etc levied under any statute **including Goods & Service Tax (GST)**. GST shall be paid to contractor for any taxable supply / services / works against a valid tax invoice as per prevailing norms/terms and conditions of the contract.

8. INCOME TAX:

Income Tax deductions shall be made from all payments made to the Contractor as per the rules and regulations in force in accordance with the Income Tax Act, prevailing from time to time.

9. COMPLETENESS OF TENDER:

All sundry fittings, assemblies, accessories, hardware items, lamp, gaskets, stands, termination lugs for electrical connections as required, and all other sundry items which are useful and necessary for proper assembly and efficient working of the various components of the work shall be deemed to have been included in the tender, whether such items are specifically mentioned in the tender documents or not.

10. TOOLS FOR HANDLING AND ERECTION:

All tools and tackles required for handling of Equipment and Materials at site of work as well as for their assembly and erection and also necessary test instruments shall be the responsibility of the contractor. All tools shall include necessary test instruments.

11. SITE INSPECTION & TESTING:

AAI reserves the right to inspect the materials at site after dispatch. If any defects are observed during the inspection, the contractor is liable to replace the defective materials at his own cost.

AAI shall reserve the right to reject any equipment / machinery / material which do not comply with contract specifications.

12. SAFETY & AVAILABILITY OF MATERIAL:

- a. The firm/ agency shall submit test certificates, wherever applicable as per CPWD/IS/CPRI manufacturers practice and the department reserves the right to get them independently checked for the material supplied by contractor as required.
- b. All debris due to works shall be removed and site shall be cleared by the contractor as soon as the task is completed. Non-removal of debris from site will attract a penalty of Rs. 500/- per day from the running bill/final bill.
- c. Issue of materials stipulated in the tender will be regulated to the actual needs from time to time. Unused materials shall be returned to the department failing which the recovery will be made at the penal rate i.e. double the market rate. Any damage caused to the materials during transit under storage will be to the contractor's account.
- d. If there is any requirement of material at site which is not included in scope of work but deemed essential for overall completion work, then contractor has to procure from market as per approved makes with EIC permission and close the complaint as soon as possible. Contractor will provide the tax invoice/ bill for the same and the payment for such material will be given along with 15% OH & CP in running / final bill as an extra item.

13. SAFETY MEASURE & RESPONSIBILITIES:

It shall be the responsibility of the contractor that all necessary safety measures and precautions are invariably ensured while performance of the contract work and AAI shall not be responsible for any injuries / accidents suffered by contract labour. The workers are required to follow the safety rules while working.

14. DEFECTS LIABILITY PERIOD:

All the equipment and the workmanship shall be guaranteed for **12 months** from the actual date of completion of work and handover of Installation to AAI. The equipment or component or any other part of installation so found defective within the guarantee period shall be replaced / repaired by the Contractor free of charge to the satisfaction of the Engineer- In-Charge.

15. CONTRACTOR'S RESPONSIBILITIES

- (i) While every effort is made to convey the scope of work against each item in BOQ/SOQ, tender specs, drawings etc., it is not always possible to spell/explain everything. Contractor should read the item in positive sense, understand site/work requirement and proceed based on standard engineering practices/market trends, guidance & directions of Engineer-In- Charge. Contractor should have positive attitude towards the work and refrain from needless arguments, disputes at every stage. For example, main item may be mentioned in the item but some accessory may not have been specified. Also, there may be erroneous/oversight mistakes in data/text/information etc. In all such cases, a professional approach and co-operation is essential from contractor for smooth operation of contract.
- (ii) Contractor should supply superior make/quality genuine new materials, equipment etc. Contractor should arrange reliable transportation, watch & ward, tools & plants, instruments. Contractor must follow the statutory/labor/local laws & regulations, norms, guidelines. Contractor should effectively co-ordinate, interact with clients, co-agencies, various depts., their own work force, for taking appropriate actions in time. AAI will closely monitor the work proceedings and give suitable directions to the contractor at suitable time. Wherever essential contractor can always approach the Engineer-In-Charge for proper advice/ decision. To sum up, the objective is to finish the contract successfully.

16. TENDER INFORMATION: -

- (i) The tenderer shall obtain information relating to the equipment being procured at his own expenses and responsibility. The tenderer shall visit the office to familiarize and satisfy himself with actual requirements
- (ii) Information, levels and dimensions given on the tender drawing if any, are for guidance only and the tenderer shall make independent inquires & verify the same. No extra claim shall be admissible in case of any deviations or incorrectness of the information indicated on the tender drawings.

17. TAXES, DUTIES, PACKING & FORWARDING: -

- (i) The prices quoted shall be inclusive of all taxes, GST, duties, Cess, fees, royalty charges etc.
- (ii) Any statutory variation on taxes / duties of finished products, after the date of opening of Tender shall be paid extra on producing proof of payment by the contractor.

18. TERMS OF PAYMENT

a. The payment will be released by AAI subject to the submission of the following Documents by the agency: -

- (i) GST Invoice / Bill / GeM Invoice.
- (ii) Packing list.
- (iii) Test Certificate to confirm that the materials meet the contract specification and relevant standards in all respects.

b. For Supply, Installation, Testing and Commissioning items:

- (i) 100% on Supply, Installation, Testing and Commissioning of various grades of PVC insulated synthetic mats.

19. DIFFERENCE BETWEEN FIRST LOWEST BIDDER AND SECOND LOWEST BIDDER:

The total amount of final bill worked out at the accepted tender rates, if found to be more than the amount worked out at the quoted rates of second lowest, the contractor shall be paid lower of the two.

20. SECURITY DEPOSIT:

Security Deposit @ 10% of the contract value for SITC items will be deducted / withheld from 1st & final bill and the same shall be released only on completion of DLP period which is 12 months from actual date of completion of work.

21. RESTRICTED WORKING HOURS DUE TO OPERATIONAL REASONS

A tenderer shall plan for timely completion of the work keeping in view the restricted working hours due to operational reasons as stated above and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

22. THIRD PARTY INSURANCE:

Before commencing the execution of works, the contractor (but without limiting his obligations and responsibilities) shall insure against all damage, loss or injury which may occur to any property (including that of the employer) or to any person, including any employee of the employer by or arising out of the execution of the work or temporary works or in carrying out of the contract. This insurance cover shall be for the period up to system acceptance by AAI upon issue of completion certificate.

23. MAKES

- (i) Makes of PVC Synthetic mats shall be as per the list of approved makes enclosed in Technical specification. However, AAI reserves the right to accept / opt any make in the interest of work and shall be of ISI marked / reputed brands. Reputed brand implies a brand which is supported by nationwide sales & service distributors/dealers/network/centres.

- (ii) Makes to be got approved by the Engineer-In-Charge before manufacture/ supply/ use in the work irrespective of appearing in the approved list.

24. OTHER IMPORTANT POINTS:

1. All exposed finishing works shall be neat and aesthetically good.
2. The contractor shall be responsible for any damage, resulting from his negligence to existing fixtures and will restore, replace or repair any such damage to the complete satisfaction of the Engineer-In-Charge. The decision of Engineer-In- Charge for recovery on this account shall be final & binding on the contractor and such amounts shall be adjusted from the bill. Unused material issued by the department shall be returned to the department in good condition, failing which the recovery decided by the Engineer-In-Charge will be recovered from the bill.
3. Loading, unloading and transporting of material issued by AAI shall be agency's responsibility and nothing extra shall be paid on this account. Any loss/damage due to contractor negligence shall be responsibility of contractor.
4. Civil work for installation of system if required shall be done by the agency and nothing shall be paid extra on this account.
5. The rate quoted by the agency will remain same/firm during the extension of contract, if any.

25. NOVATION CLAUSE:

“Notwithstanding anything contained in this Tender, the Parties agree that the Airports Authority of India / AAI / Authority shall have the right to assigned / novate this Tender in favour of any person or entity appointed or selected by Airports Authority of India / AAI / Authority for operation, maintenance and / or management of the Airport or any part thereof without obtaining any further consent from the bidder and upon such assignment / novation, the assignee / novate shall:-

Have all the rights of Airports Authority of India / AAI / Authority under this Tender and, have the right to terminate this Tender by giving seven days' notice and without incurring any liability and / or cost for such termination.”

Important Milestones of Contract

S.No	Description of the milestone	No.of days	Penalties
1	Signing of Contract Agreement	Within 15 days from the date of issue of purchase order	<p>A penalty @0.1% of “Basic supply cost of equipment” per week for a maximum period of 02 weeks will be levied and shall be deducted from the running bills of the contractor.</p> <p>After delay of 02 weeks, AAI reserved the right to forfeit the EMD besides debarment and blacklisting of the contractor ad cancellation of the contract without assigning any reason thereof.</p>
2	Submission of technical literature, brochures, design, drawings etc.,	Withing 30 days from the date of issue of purchase order	<p>A penalty@ 0.1% of “Basic supply cost of equipment” per week for a maximum period of 04 weeks will be levied and shall be deducted from the running bills of the contractor.</p> <p>After delay of 04 weeks, AAI reserves the right to forfeit the EMD or PBG for supply & commissioning or both (whichever is available with AAI at that stage) besides debarment and blacklisting of the contractor and cancellation of the contract without assigning any reason thereof.</p>
3	Proof of dispatch of equipment	Within 30 days of issue of dispatch clearance by AAI	<p>A penalty@ 0.1% of “Basic Supply Cost of equipment” under consideration in the dispatch lot for a maximum period of 04 weeks will be levied and shall be deducted from the running bills of the contractor.</p> <p>After delay of 04 weeks, AAI reserves the right to forfeit the PBG for supply & commissioning or additional PBG or both (whichever is available with AAI at that stage) besides debarment and blacklisting of the contractor (Foreign OEM and Indian Associate / Partner, if applicable) and cancellation of the contract, without assigning any reason thereof.</p>

Signature of Contractor with seal

Senior Manager (Engg-E), AAI, Trichy Airport

A.A.I

ATC -24

TECHNICAL SPECIFICATION

GENERAL

The supply in general shall be carried out as per the following specifications. Wherever these specifications calls for a higher standard of material and or workmanship than those required by any of the above mentions regulations and specification then the specification here under shall take precedence over the said regulations and standards.

SECTION – 1

SPECIFICATIONS FOR INSUALTING MAT

1. Mats of all classes shall be resistant to acid, oil, low temperature and shall be identified by the respective class symbol.
2. The insulating mats shall be made from material — Elastomer, free from any insertions leading to deterioration of insulating properties.
3. Upper surface of the insulating mats shall have small aberration (rough surface without edges).to avoid slippery effects while the lower surface shall be plane or could be finished slip resistant without affecting adversely the dielectric property of the mat.
4. Dimensions — Length and Width
Rolls of mat in multiple lengths of 5000 mm and in width of 1 000 mm are preferred in order to minimize the joints.
5. Color of the mat shall be of Black.

6. Thickness of Mats for different classes

S.No	Class of MAT	Thickness mm	Tolerance percentage
1	A	2	±10
2	B	2.5	±10
3	C	3	±10

7. Mechanical Properties of Mats

S.No	Ambient Temperature Range (degree C)	Tensile Strength (N/mm ²)	Elongation (Percentage)
1	- 10 to +55	15	250
2	- 40 to 27	12	350

8. MARKING:

Every roll/flat will be marked with following:

- a) Class,
- b) Lot No.,
- C) Roll.No., and
- d) Manufacturer's identity.

9. For obtaining maximum practical safety in adverse working conditions, the mat should be permanently pasted with the help of suitable adhesive/resin, which does not energize between -40 and $+55^{\circ}\text{C}$. All joints and comers shall be filled/covered with insulating material of matching colour. Matching colour and matching designed tapes should be used to maintain an aesthetic look of the installation over the joints and comers. Wherever the floor is porous in nature and attracts moisture, waterproofing compound is recommended to be used to protect insulating and electrical properties.
10. Apart from above mentioned specifications the mat shall be tested as per IS 15652.
11. Necessary type test certificate and routine test for both classes shall be submitted.

LIST OF APPROVED MAKES

<u>Sl. No</u>	<u>ITEMS</u>	<u>APPROVED LIST</u>	<u>CATEGORY</u>
1	Synthetic Insulating MATS	CPRI certified for required voltage level	Category - 2

CATEGORY REQUIREMENT OF TEST CERTIFICATE/INSPECTION

CATEGORY - 2:

1. Type test certificate for similar item done. If not, one of the items offered is to be type tested.
2. OEMs routine test certificate.
3. Visual and functional check by AAI official at AAI airport site.

SENIOR MANAGER (E-E)
AAI, TRICHY AIRPORT, TRICHY

PROFORMA for E-Payment

Date: _____

To
Senior Manager (Engg. Elect)
AIRPORTS AUTHORITY OF INDIA,
Trichy International Airport,
Trichy – 620 007.

Subject :- Request for E-Payment

Sir,

The following particulars are given below for effecting E-Payment in respect of our Claim/Bill.

- i) Name of the Company :
- ii) Address :
- iii) Bank A/c No. :
- iv) Bank/Branch Name
& Address :
- v) Branch Code :
- vi) IFSC Code of the
Bank :
- vii) Permanent A/c No.
of the Company :

We also enclosed herewith a Cheque duly cancelled of our above Bank A/c.

Thanking you,

Yours faithfully,

(_____)
Authorized Signatory

Bill of Quantities

Name of work: Provision of PVC Insulated Synthetic Mats at Trichy Airport.

Item No	Description of Item	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	Supply and fixing of CPRI tested, ISI marked, Class A Electrical insulation mat having minimum thickness of 2mm for working voltage up to 3.3kV, confirming to IS: 15652:2006 with up-to-date amendment, in front of LT panels as per direction of E-I-C	520	Sq.mtr		
2	Supply and fixing of CPRI tested, ISI marked, Class B Electrical insulation mat having minimum thickness of 2.5 mm for working voltage up to 11 kV, confirming to IS: 15652:2006 with up-to-date amendment, in front of HT panels, transformer rooms as per direction of E-I-C	400	Sq.mtr		
3	Supply and fixing of CPRI tested, ISI marked, Class C Electrical insulation mat having minimum thickness of 3 mm for working voltage up to 33 kV, confirming to IS: 15652:2006 with up-to-date amendment, in front of HT panels, transformer rooms as per direction of E-I-C	70	Sq.mtr		
	Total Amount of Rs. (Ex. GST)				
	Add GST @ 18%				
	Grand Total				