

भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA



Bid Document

**Name of work: Noise mapping for declaration of Airport Noise zones at S. V. Airport, Raipur.**

**(BID NO: GEM/2024/B/\_\_\_\_\_)**

**AIRPORTS AUTHORITY OF INDIA  
CIVIL AERODROME, RAIPUR AIRPORT**

Bid Manager e-mail ID: pramodsoni@aai.aero  
Mobile Number: +91-9689248458

Prepared by

Approved by

Manager (Engg.-Elect.)AAI,  
Raipur Airport

Asst. General Manager (Engg.-Elect.)  
AAI, Raipur Airport

## **INDEX**

<b>SL. NO.</b>	<b>PARTICULARS</b>	<b>Page No.</b>
1.	Cover Page	1
2.	Index	2
3.	eNIT & Annexures	3-10
4.	General Terms & Conditions	11-23
5.	Tender Specifications	24-26
6.	Schedule of Quantities	27

**Certified that this draft tender document contains total 27 Pages numbered serially from 1 to 27 including cover pages.**

**NOTICE INITING E-TENDER (e-NIT)**

**(GeM Bid No. GEM/2024/B/\_\_\_\_\_)**

1. Item rate e-tenders are invited through the GeM portal by A G M ( E - E ) (Bid Manager) on behalf of Chairman, AAI (Airports Authority of India) from the eligible contractors/agencies for the work of “**Noise mapping for declaration of Airport Noise zones at S. V. Airport, Raipur.**” at an estimated cost of **Rs. 33,10,555.00** (Rupees Thirty Three Lakh Ten Thousand Five Hundred Fifty Five Only) **including 18% GST** with completion period of **03 Months**.

The tendering process is online at GeM Portal URL address <https://gem.gov.in>. Prospective Tenderers may download and go through the tender document. For any technical assistance with regard to functioning of GeM portal, the bidder may contact to the following help desk numbers on all working days only between 09.00 hrs. to 22.00 hrs. (Mon-Sat) – 1800-419-3436/ 1800-102-3436, 07556685120, 01169095625, E-Mail- helpdesk-gem@gov.in

**Earnest Money Deposit (EMD) of Rs 66,211/-** will be required to be paid in the Bank Account mentioned below.

**Details for submission of Bank Guarantee (PBG/BG-SD/FBG) in accordance with the Bank Details as:**

**CORPORATE NAME** : AIRPORTS AUTHORITY OF INDIA  
**NAME OF ACCOUNT HOLDER** : AIRPORTS AUTHORITY OF INDIA  
**BANK NAME** : ICICI BANK  
**IFSC CODE** : ICIC0000007  
**BG ADVISING MESSAGE** : IFN 760COV (BG ISSUE)  
: IFN 767COV (BG AMENDMENT)  
**UNIQUE IDENTIFIER CODE** : AAIRAIPUR

Please note that under no circumstances bid procedure related queries shall be referred to the Independent External Monitors (IEMs).

**To deposit Tender Processing Fee / EMD Amount in the form of Bank Transfer / RTGS /NEFT, the details of Bank Account are as follow:**

**Name of Account Holder : Airports Authority of India**

**Name of Bank** : State Bank of India  
**Bank Address** : MANA Raipur (13657)  
**IFSC Code** : SBIN0013657  
**Account No.** : 31846309776

2. Following 02 envelopes shall be submitted through online at GeM-portal by the tenderer as per the following schedule: -

**CRITICAL DATA SHEET**

Sl. No.	Description	Critical Dates
1.	Publishing Date	05/01/2024
2.	Bid Document Download / Sale Start Date	05/01/2024
3.	Clarifications Start Date	As per GeM portal.
4.	Clarifications End Date	As per GeM portal.
5.	Bid Submission Start Date	05/01/2024
6.	Bid Submission End Date	29/01/2024 up to 16:00 hrs.
7.	Bid Opening (Envelop-I)	29/01/2024 at 16:30 hrs.
8.	Bid Opening (Envelop-II)	Will be intimated through GeM portal.

**Envelope-I (EMD, Tender Processing Fee, Technical bid and Pre-qualification):** Bid containing following:

A) **EMD & Tender Processing Fee** of required amount is required to be paid online through NEFT/RTGS in the specified Bank Details.

- i) Bidder should upload scanned copy of receipt / UTR No. for the payment of EMD amount in Envelope-I on or before due date & time of bid submission.
- ii) The Bidder, whose EMD is not submitted in time, their tenders will be liable to be rejected. Any type of delay will not be entertained.

**B) Technical Bid (Qualifying requirements of contractors / tenderers) containing the following:**

- (i) Bidder should upload scanned copy of Tender Acceptance Letter on Bidder's Letter Head as per Annexure-A.
- (ii) Bidder should have Permanent Account Number (PAN) – Upload scanned copy of PAN.
- (iii) Bidder should have GST Registration Number – Upload scanned copy of GST Registration Number along with GST undertaking duly signed as per Annexure-B.

- (iv) Bidder should upload scanned copy of duly filled and signed „Undertaking“ regarding Blacklisting/ Debarment on Bidder“s Letter Head as per Annexure-C.
- (v) Should have satisfactorily completed One works of value not less than **26,48,444.00** (i/c. GST) **or** Two works each of not less than **Rs. 16,55,277.00** (i/c. GST) **or** Three works each of not less than **Rs. 13,24,222.00** (i/c. GST) in single contract of similar nature of work i.e “**Noise mapping work**” during last seven years ending on last day of month previous to the one in which tenders are invited i.e. **31.12.2023**.

Note: 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 actual date of work completion up to the previous day of the last date of submission of bids.

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. **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.**

- (vi) If any foreign/Indian subsidiary company/firm of foreign/Indian principal company/firm, having functioning in the relevant field, participates in tendering process and claims the experience in specific field of another fore / Indian subsidiary company / firm of the same foreign / Indian principal company/firm or on the basis of experience of foreign/ Indian principal company/firm, the bidding foreign/Indian subsidiary company / firm on basis of such experience shall be qualified and considered for further evaluation in the tendering process subject to submission of :
- a) Documentary evidence which proves that both the foreign/Indian companies/firms are indeed 100% wholly owned subsidiaries or branch the same foreign/Indian principal company/firm.
  - b) An undertaking from the foreign/Indian principal company/firm that they will provide all required technical support, technical know-how and take full responsibility and liability of bidding foreign / Indian subsidiary company/firm or branch till the successful completion of project including defects liability / warrantee/guarantee period as per **Annexure -D**.
  - c) Balance sheet showing equity holdings or certificate by the company Chartered Accountant / Auditor of foreign / Indian principal company firm showing equity holding patterns between the foreign/Indian principal company/firm and their wholly owned foreign / Indian subsidiary companies/ firms or a duly notarized certificate by the foreign/ Inc principal company/firm that company(ies) / firm(s) are their wholly own subsidiary(ies) / branch(es) and subsidiary company / branch may allowed to participate in the AAI tender.
  - d) Consolidated Audited Balance Sheet of foreign/Indian Principal company /firm.

- e) Foreign/Indian principal company / firm shall also undertake that the said work experience credentials have not been used by any of their other foreign/ Indian subsidiary company / firm or by them, i.e. the principal company/firm itself for the same tender.
- f) In case above statement / undertaking under above para (v) is found violated, the application of company / firm tenderer, who had submitted the work experience credentials of other foreign / Indian subsidiary / principal company / firm along with required undertaking from their foreign / Indian principal company / firm **(as per Annexure-D)** as well as the applications of the foreign / Indian principal company / firm & it's other foreign/ Indian subsidiary(ies) for the same tender shall be summarily rejected and their entire EMD amounts shall be forfeited.

**Note: Bidder seeking exemption of EMD should upload scanned copy relevant documents in support of their eligibility for exemption as per eNIT, failing which their application shall be liable for rejection.**

**Envelope-II:- The Financial e-Bid through GeM portal:** To be submitted in GeM portal along with bifurcation of rates of item wise rate which shall be opened (should be open during opening of financial bid). 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. The rate bifurcation as per format provided in BOQ to be uploaded as financial document section of GeM portal.

### **3. Refund of EMD**

EMD amount of the bidders (except L1 bidder) will be refunded to their source account and will be processed after award of work.

### **4. Bid Submission: -**

Bid submission to be done as per guidance provided by GeM authorities in the website <https://gem.gov.in>.

Uploading of application in location other than specified above shall not be considered. Hard copy of application shall not be entertained.

- a) 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.
- b) Tenderer who has downloaded the tender from GeM Portal website <https://gem.gov.in>, 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 EMD would be forfeited and tenderer is liable to be banned from doing business with AAI.

**5. Bids Opening Process is as below: -**

**Envelope-I: (Technical bid and Pre-qualification): -**

Envelope-I containing documents as per Para 2 (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 Documents of the work, they should use „Seek Clarification“ on GeM 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 Envelope-I, he will be asked to provide it through GeM 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 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 (The date and time for opening of Envelope-II (Financial Bid shall be intimated through GeM portal).

6. 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.
7. 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) **Forfeit the entire amount of EMD submitted by the tenderer.**
  - 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.**
8. Consortium /JV companies shall not be permitted.
9. Purchase preference to Central Public Sector Undertaking shall be applicable as per the directive of Govt. of India prevalent on the date of acceptance.

10. 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. Being Service contract, concession to MSEs are Applicable as per Govt. of India Guidelines for this work.
11. Tenderers have to submit Unique Document Identification Number (UDIN) generated documents like Balance Sheet / Turnover certificate, Working Capital Certificate (works done during last 5 financial years & works in hand), Net worth Certificate, Tax Deduction at Source (TDS) Certificates for Non- Govt. works etc. as per NIT conditions duly certified by CA and having UDIN. The documents submitted by bidders without UDIN shall not be entertained.

Asst. Gen. Manager (E-E) (Bid Manager)  
For & on Behalf of Chairman,  
Airports Authority of India

**TENDER ACCEPTANCE LETTER  
(To be given on Bidders Contractor's Letter Head)**

**Date:-...../...../.....**

**To,**

AGM (E-E)  
Airports Authority of  
India  
O/o AGM (E-E)  
Raipur Airport  
Raipur - 492015

**Sub: Acceptance of Terms & Conditions of Tender.**

**(GeM ID No:\_\_\_\_\_)**

**Name of Work :-** Noise mapping for declaration of Airport Noise zones at S. V. Airport, Raipur.

Dear Sir,

- 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 above mentioned 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 / clauses contained therein.
- 3) I / We hereby unconditionally 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,

SIGNATURE OF THE TENDERER

WITH COMPANY SEAL

A.A.I.

**GST UNDERTAKING**

*(To be submitted on the Letterhead of the Bidder)*

I/We, (Name of Bidder) hereby declare that:

1. We are registered under GST and compliant of GST provisions.
2. In case of non-compliance of GST provisions and blockage of any input credit, we shall be responsible to indemnify AAI.
3. That all input credits shall be passed on to AAI.

Place:

Date:

(Signature& Stamp of the Bidder)

**UNDERTAKING REGARDING DEBARMENT/BLACKLISTING/RESTRAINTMENT**

**Name of Work: Noise mapping for declaration of Airport Noise zones at S. V. Airport, Raipur.**

(GeM Bid No: \_\_\_\_\_)

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/two stage 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:

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

Place:

**Note: Above undertaking is to be given on company's letter head.**

**ANNEXURE-D**

FORM OF UNDERTAKING

FROM FOREIGN / INDIAN PARENT/ PRINCIPAL COMPANY/ FIRM

(To be completed on letterhead of Tenderer's Ultimate foreign / Indian Parent/ Principal Company / Firm)

To,

AGM (E-E)  
Airports Authority of India  
O/o AGM (E-E)  
Raipur Airport  
Raipur - 492015

Subject :- Noise mapping for declaration of Airport Noise zones at S. V. Airport, Raipur.

GEM ID : - .....

Dear Sir,

We refer to the accompanying Tender for the subject mentioned Services ("SERVICES") by (Name and address of Subsidiary) ("TENDERER") of which we are the ultimate holding company, and hereby request Airports Authority of India, Corporate Head quarter, Rajiv Gandhi Bhawan, Safdarjung Airport, New Delhi - 110003 (AAI) to enter into contract with..... (Name of foreign / Indian Subsidiary company / firm)..... TENDERER for the same. In the event of our subsidiary doing so and in consideration of AAI entering into such contract ("AGREEMENT"), we do hereby enter into the following unconditional and irrevocable undertaking with AAI that:

- 1) We guarantee that our subsidiary TENDERER shall duly perform all its obligations contained in the AGREEMENT.
- 2) If our subsidiary TENDERER shall in any respect fail to perform its obligations under AGREEMENT or shall commit any breach thereof, we undertake, on simple demand by AAI, to perform or to take whatever steps may be necessary to achieve performance of said obligations under AGREEMENT and shall Indemnify and keep indemnified AAI against any loss, damages, claims, costs and expenses which may be incurred by AAI by reason of any such failure or breach on the part of our subsidiary TENDERER.
- 3) Our guarantee and undertaking hereunder shall be unconditional and Irrevocable and, without prejudice to the generality of the foregoing, we shall not be released or discharged from our liability hereunder by:-
  - a) Any waiver of forbearance by AAI of or in respect of any of our subsidiary TENDERER's obligations under AGREEMENT whether as to payment, time, performance or otherwise howsoever or by any failure by AAI to enforce AGREEMENT or this instrument, or

A.A.I.

- b) Any alteration to, addition to or deletion from AGREEMENT or the scope of the services to be performed under AGREEMENT, or
  - c) Any change in the shareholding relationship between ourselves and our subsidiary TENDERER and our guarantee and undertakings hereunder shall continue in force until all our subsidiary TENDERER's obligation under AGREEMENT and all our obligations hereunder have been duly performed.
- 4) We further undertake that our subsidiary TENDERER is eligible for using the experience of our any other 100% subsidiary company / firm and there will not be any issue regarding transfer of relevant rights and liabilities including Intellectual Property Rights till the successful completion of project including Defect Liability / Warrantee/Guarantee period.
- 5) We further undertake / confirm that the said work experience credentials used by our subsidiary Tenderer have neither been used by us nor by any of our other foreign / Indian subsidiary company / firm for this tender. In case it is found violated, applications of all our subsidiary TENDERERS as well as ours are liable to be summarily rejected without assigning any reason thereof & AAI shall be at liberty to forfeit the entire EMD amounts of all our subsidiary tenderers as well as ours, if we are also the applicant tenderers in same tender.
- 6) This document shall be construed and take effect in accordance with the laws of the Republic of India.

Your faithfully,

Signed: -

Name & Designation: -

Date: -

For and on behalf of  
(TENDERER's ultimate holding company)

## GENERAL TERMS & CONDITIONS

### **1. Introduction**

These special conditions of contract shall be read in conjunction with AAI General Conditions of Contract. If there are any provisions in the SCC, which are at variance with the provisions of general conditions of contract, the provisions in the SCC shall take precedence.

### **2. Scope of work**

- The purpose of the work is to comply DGCA issued Civil Aviation Requirement (CAR) on 'Noise Management on Aircraft Operations at Airports' dated 18.12.2014 for S. V. Airport, Raipur.
- Noise mapping and declaration of airport noise zones for airport has to be carried out in accordance with latest DGCA CAR Section 10, series A part -1, Central Pollution Control Board (CPCB), MoEF gazette notification G.S.R. 568 (E) Dated 18.06.2018.
- Raipur Airport has total 01 (One) Runway (s) & their orientation is 06-24.
- Agency shall carry out the noise mapping as per DGCA guidelines and as directed by Engineer-In-Charge.
- Agency shall be responsible for meeting / to give presentation to DGCA if required without any extra cost & reply of any query raised by CPCB, DGCA & MoEF shall be addressed by agency.
- Agency shall use the standard equipments & processes as per the CPCB, DGCA & MoEF specifications & shall be duly calibrated & certified.
- **All rental charges towards location rent, power supply facility, servers internet connectivity, software maintenance shall be paid by agency without claiming anything extra from AAI other than the BOQ rates.**
- **Following equipments/ items/software are to be used as per requirement for the study of noise mapping & declaration of noise zone at Raipur Airport as per DGCA guideline.**

**In addition to this if any other equipments / software's required for the completion of this work same shall be used by the agency & rate quoted by the agency should include all the equipments & software's required for completion of this work & noting extra shall be paid to the agency :-**

<b>Sr. No.</b>	<b>Description of Equipment / Items / Software</b>	<b>Qty</b>
1	Online noise IEC61672-1 (2002) Class 1 Monitoring system Fixed – 02 Nos. Mobile Station – 01 No.	03 Nos
2	Radar Tracking System	02 Nos.
3	Weather monitoring sensor	01 Set

4	Cloud based server (Physically available in India)	01 Set
5	The Original License software for Noise Mapping	01 Set

- Agency shall submit the reports as per DGCA guidelines, CPCB requirement, MoEF gazette notification G.S.R. 568 (E) Dated 18.06.2018 with upto date amendment as per the instruction of Engineer-In-Charge. If there is any observation made by CPCB & DGCA, the same shall be resolved / corrected by the agency and nothing extra will be paid to the agency.
- AAI, CPCB & DGCA or any other authority as decided by the Engineer-In-Charge shall have the right to visit the site or the installations at any time during the currency of the contract and the contractor shall depute their representative as per the requirement without any extra cost.
- The work includes transportation, loading, unloading of the materials, expert workmanship, supervision of the system as per site requirement.
- The contractor shall be responsible for coordination, any kind of correspondences (including NOTAM) to be made for successful carrying out the work and completion of the work with relevant AAI internal departments, external private/govt. authority etc. in consultation with Engineer-In-Charge.

### **3. Validity of the Bids**

The Bid shall be valid for a period of 90 (Ninety) days from the date of opening of Envelope – II (Financial Bid).

### **4. Price**

Rate shall be quoted by the bidders in INR and shall be inclusive of all taxes, duties, fee, cess, royalty charges etc. levied under any statute i/c GST. All payments to the agency shall be made in INR in accordance with the provisions of this bid document.

### **5. Contract Agreement:**

After acceptance of offer a formal contract agreement shall be concluded on a non-judicial paper of Rs. 100/- (Rupees Hundred only). The cost of the same shall be borne by the AGENCY.

### **6. Completeness of tender**

Any allied work/activities which is not mentioned in tender document but found essential for successful, satisfactorily completion of the work as per site requirement and/or as directed by E-I-C is included in the scope of work and this is final and binding to the contractor.

## **7. Bid Preparation Cost**

The Applicant shall be responsible and shall bear all costs and expenses associated with the preparation of its Bid and its participation in the Selection Process. It is clarified that AAI shall be not responsible or in any way liable for such costs, expenses regardless of the conduct or outcome of the Selection Process.

## **8. Visit and verification of information**

The contractor is free to visit the airport and verify the information required for bidding the bid. AAI shall only assist the bidder to facilitate the site visit in the jurisdiction of AAI and cost incurred if any shall be borne by the bidder.

## **9. Acknowledgement by the Applicant**

- i. It is desirable that each Applicant submits its bid after collection of required information and analysis or any other matter considered relevant by it.
- ii. It shall be deemed that by submitting the Bid, the Applicant has:
  1. Made a complete and careful examination of the Tender document;
  2. Received all relevant information; and
  3. Acknowledged and accepted the risk of inadequacy, error or mistake in the information provided in the Tender document or furnished by or on behalf of the AAI.
- iii. AAI shall not be liable for any mistake or error on the part of the Applicant in respect of the above or on account of any matter or thing arising out of or concerning or relating to Tender document or the Selection Process including any error or mistake therein or in any information or data given by the AAI.

## **10. Travel Expenses**

All travel expenses to visit site or other offices or concerned airports for completion of services assigned is deemed to be included in the rates quoted in financial bid. No extra payment shall be made on this account by AAI.

## **11. Right to Accept or Reject any of the Bids**

- i. Notwithstanding anything contained in this Tender Document, AAI reserves the right to accept or reject any Bid or to annul the Selection Process or reject all Bids at any time, without assigning any reasons thereof and without any liability or any obligation, of any nature whatsoever, for such rejection or annulment.
- ii. AAI reserves the right to reject any Bid if:
  1. At any time, a material misrepresentation is made or discovered; or
  2. The Applicant does not respond promptly and diligently to requests for additional information or clarification required for evaluation of the Bid.
- iii. Rejection of the Bid by AAI, as aforesaid, would lead to the disqualification of the Applicant.

## **12. Amendment of Tender Document**

- i. At any time prior to the submission of last date of Tender document, AAI may, for any reason, whether at its own initiative or in response to clarifications requested by an Applicant modify the Tender Document by the issuance of Addendum/ Corrigendum posted on the GeM portal.
- ii. In order to provide the Applicants a reasonable time to examine the Addendum/ Corrigendum, or for any other reason, AAI may, at its own discretion, extend the submission date.

## **13. Preparation and Submission of Bid**

### **i. Language**

The Bid and all related correspondence and documents should be written in the English language. Supporting documents and printed literature furnished by the Applicant with the Bid may be in any other language provided that these are accompanied by appropriate translations of the pertinent passages in the English language. Supporting material, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the Bid, the English language translation shall prevail.

### **ii. Submission of Bids**

The Applicant shall provide all the information in terms of this Tender Document. Only those bids shall be evaluated that are received in the required format and complete in all respects through GEM Portal as per Notice Inviting e-Tender (e-NIT).

## **14. Evaluation Process (Evaluation of Bids)**

- (i) E-bid for the above work will be opened on scheduled or extended date as indicated on GEM portal. The Envelope-I shall be opened first. Envelope-II i.e. Financial Bid of those bidders will be opened, who have submitted the required documents in Envelope-I.
- (ii) The Bids, so received, would subsequently be examined and evaluated in accordance with the criteria set out.
- (iii) AAI reserve the right to utilize the services of any consultant/s or advisor/s, to assist in the examination, evaluation, and comparison of Bids.
- (iv) The Envelope –II (Financial Bid) of qualified applicants shall be opened on scheduled or extended date as indicated on GEM portal. Other disqualified bidder“s/ applicants shall be informed of their Bids have been unsuccessful through GEM portal. The Authority will not entertain any query or clarification from Applicants who fail to qualify at any stage of the Selection Process.

### **a. Evaluation of Financial bid**

- (i) Envelope-II (Financial Bid) of the qualified bidders shall only be opened.
- (ii) The bidder shall quote rates for the assignment in the format of Price bid. The quoted rates shall be inclusive all taxes, duties, levies etc. I/C GST.
- (iii) The financial bid will be evaluated based on overall quoted price. The bid with

A.A.I.

the overall lowest quoted price will be considered L 1 for award of work.

- (iv) AAI will determine whether the Financial Bids are complete and unconditional. The cost indicated in the Financial Bid shall be deemed as final. Omissions, if any, in costing any item shall not entitle the firm to be compensated and the liability to fulfil its obligations within the quoted price shall be that of the applicant.
- (v) Notwithstanding anything to the contrary contained in this Bid, AAI may, at its sole discretion, waive any minor infirmity, non-conformity or irregularity in a bid that does not constitute a material deviation, and that does not prejudice or affect the relative position of any Applicant, provided it conforms to all the terms, conditions of the Bid documents without any material deviations, objections, conditionality or reservations. A material deviation, objection, conditionality or reservation is one:-
- (a) That affects, in any substantial way, the scope, quality or performance of the contract;
  - (b) That limits, in any substantial way, inconsistent with the tender documents, AAI's rights or the selected Applicant's obligations under the contract; or
  - (c) Whose rectification would unfairly affect the competitive position of other Applicants, who are presenting eligible bids.
- (vi) AAI reserves the right to reject any Bid, if:
- (a) At any time, a material misrepresentation is made or discovered; or
  - (b) The Applicant does not respond promptly and diligently to requests for supplemental information required for the evaluation of the Bid.
- (vii) Applicants are advised that Selection shall be entirely at the discretion of AAI. Applicants shall be deemed to have understood and agreed that AAI shall not be required to provide any explanation or justification in respect of any aspect of the Selection Process.

### **b. Tests of Responsiveness**

- (i) Prior to evaluation of Bid, it shall be determined whether each bid is responsive to the requirements of the Bid Document. A bid shall be considered responsive if the bid:
- (a) Bid is received by the bid Due Date including any extension.
  - (b) It is accompanied by the valid ~~Tender fee and~~ EMD as specified.
  - (c) Contains all the information and documents as set out in Bid Document.
  - (d) It does not contain any condition.
- (ii) AAI reserves the right to reject any bid which is non-responsive and no request for alteration, modification, substitution or withdrawal shall be entertained by AAI in respect of such bid.

### **c. Clarifications to Facilitate Evaluation**

- (i) To facilitate evaluation of bid, AAI, at its sole discretion, may seek clarifications through GEM portal in writing from any Applicant regarding its bid. Such clarifications shall be provided within the time specified by AAI, as the case may

A.A.I.

- be, for this purpose. Any request for clarifications and all clarifications shall be through GEM portal only.
- (ii) If an Applicant does not provide clarifications sought under within the prescribed time, its Bid shall be liable to be rejected. In case the Bid is not rejected, AAI may proceed to evaluate the Bid by construing the particulars requiring clarification to the best of its understanding, and the Applicant shall be barred from subsequently questioning such interpretation.

#### **d. Conflict of Interest**

AAI requires that the Applicants provides professional, objective, and impartial advice and at all times hold paramount the interests of AAI for the services provided, strictly avoid conflicts with other assignments or its own interests, and act without any consideration for future work. The Applicants and/or the Selected Applicants shall not accept or engage in any assignment that would be in conflict with, or that may place it in a position of not being able to carry out the assignment for which it has been engaged.

#### **e. Miscellaneous**

- (i) The Selection Process shall be governed by, and construed in accordance with, the laws of India and the Courts at Raipur shall have exclusive jurisdiction over all disputes arising under, pursuant to and/or in connection with the Selection Process.
- (ii) AAI, in its sole discretion and without incurring any obligation or liability, reserves the right, at any time, to:
- (a) Suspend and/or cancel the Selection Process and/or amend and/or supplement the Selection Process or modify the dates or other terms and conditions relating thereto;
  - (b) Consult with any Applicant in order to receive clarification or further information;
  - (c) Retain any information and/or evidence submitted to AAI by, on behalf of and/or in relation to any Applicant; and/or
- (iii) It shall be deemed that by submitting the Bid, the Applicant agrees and releases AAI, its employees, agents and advisers, irrevocably, unconditionally, fully and finally from any and all liability for claims, losses, damages, costs, expenses or liabilities in any way related to or arising from the exercise of any rights and/or performance of any obligations hereunder, pursuant hereto and/or in connection herewith and waives any and all rights and/or claims it may have in this respect, whether actual or contingent, whether present or future.
- (iv) All documents and other information supplied by AAI or submitted by an Applicant shall remain or become, as the case may be, the property of AAI. AAI will not return any submissions made hereunder. Applicants are required to treat all such documents and information as strictly confidential.
- (v) AAI reserves the right to accept or reject any or all applications without assigning A.A.I.

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

- (vi) AAI reserve the right to verify the credential submitted by the agency 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 firm then AAI shall take the following action:
- a) Forfeit the entire amount of EMD submitted by the firm.
  - b) The agency shall be liable for debarment from Tendering in AAI, apart from any other appropriate contractual /legal action

#### **15. Period of contract**

The contract shall be for a period of **03 months** from the 10th day of award of work. If in the opinion of the Engineer-in-Charge, it is observed that the contractor is not doing the works satisfactorily as per the terms and conditions of contract, the contract can be terminated with immediate effect without giving any reasons thereof.

#### **16. Payment**

Payment shall be made to agency: 50% on submission of Draft Report to DGCA through AAI and 50% after receiving approval from DGCA. The payment will be released after standard deductions, adjusting any dues from the firm, which it might have rendered itself liable as per provisions of the contract.

#### **17. Contract Amendments**

No variation in or modification of the terms of the Contact shall be made except by written amendment signed by both the parties i.e. the bidder/ Airports Authority of India.

#### **18. Force Majeure**

- (a) For purposes of this clauses, "Force Majeure" means an event beyond the control of the bidder and not involving the bidder's fault or negligence and not foreseeable. Such events may include but are not restricted to acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, pandemics, quarantine restrictions and freightembargoes.
- (b) If a Force Majeure situation arises, the bidder shall promptly notify the Airports Authority of India in writing of such conditions and the cause thereof. Unless otherwise directed by the purchaser in writing the bidder shall continue to perform its obligations under the contract as far as is reasonably practical and shall seek all prevented by the force majeure event.

## **19. Termination for insolvency**

Airports Authority of India may at any time terminate the contract by giving written notice to the bidder, without compensation to the bidder, if the bidder becomes bankrupt or otherwise insolvent provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Airports Authority of India.

## **20. Termination for Convenience**

(a) Airports Authority of India may, by written notice to the bidder, terminate the contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for the Airports Authority of India convenience, the extent to which performance of work under the contract is terminated and the date upon which such termination becomes effective.

(b) Airports Authority of India shall pay the bidder upto the last milestones achieved, as per the specified payment schedule.

## **21. Dispute Resolution**

If any dispute arises out of the contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be settled as per Arbitration and Reconciliation Act 1996 with its amendments from time to time. The language of the arbitration proceedings shall be English and seat of arbitration shall be New Delhi. The laws of India shall govern this Memorandum and shall be under the exclusive jurisdiction of court in New Delhi.

## **22. Exclusions in contract**

Repair/replacement of AAI asset, airport building due to “the reason beyond the control of the contractor” including third party damage is excluded. The decision of engineer-in-charge is final and binding on the contractor in respect of the “the reason beyond the control of the contractor”.

## **23. Airport Entry Pass (AEP/TAEP)**

The work site lies in restricted area. The contractor shall submit a list of personnel concerned to be deployed with their addresses and shall apply in writing in advance for issue of necessary entry passes of workmen engaged by him. The office/airport premises are an essential service covered under the maintenance of essential service Act and hence disruption of services rendered will be a statutory offence. The agency shall strictly follow all necessary online/offline documentation as instructed by BCAS/CSO/EIC from time to time for obtaining permanent AEP/TAEP at its own cost without charging anything extra to AAI. Temporary passes shall be issued only in case of emergency. In case agency is found delaying to carry out the security related activities /documentation as instructed by BCAS/CSO/EIC, the work performance will be treated as unsatisfactory leading to imposing penalty/termination of the contract as decided by E-I-C which is final and binding to the agency.

**IMPORTANT:-** Presently for obtaining permanent AEP following steps has to be followed by the agency at its own cost

- Online application through e-Sahaj portal to obtain security clearance
- Nomination of Chief Security Officer (CSO) and imparting necessary security training to nominated CSO as per BCAS norms by DGCA/BCAS approved security institute.
- Valid police verification certificates/passport of deployed staffs
- AVSEC training of deployed staff
- Approval of security program

## **24. Security**

The contractor and his employees shall abide by security regulation framed by AAI/ BCAS or Police Authorities. Any worker of the contractor, whose presence is found undesirable in AAI premises, shall not be allowed to work. The Contractor shall be fully responsible for the satisfactorily 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 worker and vehicles shall be permitted to enter the restricted / office area only on possession of the security passes. The contractor shall ensure that workmen are deployed only in those areas 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 assigning any reason whatsoever and contractor shall have no claim on this account.

## **25. Statuary and regulatory clauses**

The contractor has to discharge all the obligations as provided under various statutory enactment including the EPF/ ESI (if applicable)/ Contract Labour (Regulation and abolition)/ Minimum Wages / Payment of Wages / Payment of Bonus /Payment of Gratuity / Workmen's compensation / Works Contract and other relevant Acts, Rules and Regulations in force and as amended from time to time in the State, as applicable.

The engagement and employment of workers and payment of wages to them as per existing provisions of various labour laws and regulations is the sole responsibility of the contractor and any breach of such laws or regulations shall be deemed to be violation of this contract. AAI may ask the contractor to produce documents to verify that these provisions/laws are complied by the contractor.

The contractor has to follow the local security/safety rules & regulations and such instructions on restricted hours of work as may be imposed on him by the department / local authorities, while working in security restricted zones and no claim whatsoever on account of this, will be entertained.

## **26. Safety**

In case of any accident/incident, contractor shall report the same as per latest Factory Rules to the concerned authorities. There shall be no liability on the part of the AAI to pay any compensation arising out of the labour dispute, accident etc. at site. The contractor will be fully responsible for safety, security and coordination, medical treatment in case of any emergency of the workers deployed at AAI site. Nothing extra will be paid to the Agency on this account.

## **27. Insurance**

The Contractor shall arrange, secure and maintain insurance as may be necessary and for all such amounts to protect his risks as detailed herein. The form and the limit of such insurance as defined herein shall be as acceptable to AAI.

However, irrespective of such acceptance, the responsibility to maintain adequate insurance coverage on Contractor's all risks basis at all times during the period of contract shall be of the Contractor. The Contractor's failure in this regard shall not relieve him of any of his contractual responsibilities and obligations.

The Contractor shall provide AAI with a copy of all insurance policies and documents taken by him in pursuance of this contract. The Contractor shall also inform AAI in writing in advance regarding the expiry / cancellation and/ or change in any of such documents and insurance revalidation/ renewal, etc., well in time as may be necessary. The risks that are to be covered under the insurance shall include but not be limited to the loss or damage in transit, theft, pilferage, riot, civil commotion, weather conditions, accidents of all kinds, fire, etc. The scope of such insurance shall cover the entire value of the work from time to time.

However, AAI, may from time to time during the of the contract, ask the Contractor in writing to limit the insurance coverage risks and in such a case the parties to the contract will agree for a mutual settlement for reduction in contract price to the extent of reduced premium account.

The Contractor shall also take insurance for all his staff working at site against injury, loss of life etc., and no claims of compensation to the staff /workers will be entertained by AAI in this regard.

## **28. Co-ordination**

The Contractor shall co-operate and co-ordinate with all other agencies /stakeholders /departments associated with the work so that there will be no interference during execution of the work. However, the Contractor shall arrange necessary facilities to execute the work in co-ordination with other agencies. When the work is carried out, barricading, necessary precautionary boards, luminous warning etc. should be provided. The equipment's for work shall be positioned without affecting the day to day operations of AAI and facilities of other agencies. No claim on this account shall be entertained by AAI.

# **Tender Specifications**

## **Online Noise Monitoring Systems**

- > Online 24X7 Class 1 Noise monitor to meet the Class 1 requirements of BS EN 61672-1:2013
- > The linearity deviations (Dev.) shall not exceed  $\pm 0.8$  dB over the linear measurement range of the instrument and shall not exceed  $\pm 0.3$  dB within any 10 dB portion
- > Maximum sound pressure level should be 160 dB
- > Mechanical shock - 10,000 g
- > Operating temperature should be -40 0C to +80 0C
- > Live and historic Leq, L10, L90, Lmax, LCpeak, dB histograms and other readings should be available.
- >> Sample Rate (instantaneous) should be less than 30 microseconds

## **Online Metrological Monitoring Systems**

- > Fully-integrated, corrosion-proof sensor for freezing winters, springtime thunderstorms, blistering summer sun, and brisk autumn winds
- > Inside & Outside Temperature
- > Inside & Outside Humidity
- > Wind Speed & Direction
- > Wind Chill & Heat Index
- > Barometric Pressure
- > Rainfall & Rain Rate
- > Historical Graphing
- > Forecast
- > Moon Phase

## **ADSB- Flight Track Logs - Radar Data**

- > Automatic Dependent Surveillance-Broadcast (ADSB) is a technology used in aviation for tracking aircraft. It allows aircraft to determine their position via satellite navigation and periodically broadcast it to ground stations and other aircraft.
- > ADSB relies on GPS for position determination, providing accurate and precise location data.
- > ADSB should broadcasts aircraft information every second, providing more frequent updates compared to radar, which typically updates every 4-12 seconds.
- > ADSB signals should be received over a broader area, including regions where radar coverage is limited. This makes it especially useful for tracking aircraft in remote or oceanic areas where radar coverage is sparse.
- > ADSB should broadcast not only position but also additional information such as aircraft identification, altitude, heading, speed, and intent.

## **Software for Airport Noise Mapping**

### **➤ Acoustic Modelling Capabilities:**

Noise mapping Software should provide advanced acoustic modelling capabilities, allowing users to simulate and analyze noise propagation in complex environments. This is crucial for accurately assessing the impact of aircraft noise at various locations around an airport.

### **➤ Terrain and Obstacle Considerations:**

The software takes into account the terrain and obstacles present in the area, providing a more realistic representation of how sound waves propagate over the landscape. This is important for capturing the effects of natural barriers and buildings on noise levels.

### **➤ Flight Path Simulation:**

Noise mapping Software should simulate and incorporate actual or planned flight paths, helping to model the noise generated by aircraft during take-off, landing, and taxiing. This feature is essential for assessing the specific impact of airport operations on nearby communities.

### **➤ Compliance with Regulations:**

Airport noise modelling often involves compliance with various regulations and standards. Noise mapping Software should design to comply with international standards such as ISO 9613, allowing users to generate results that align with regulatory requirements.

### **➤ User-Friendly Interface:**

The software typically features a user-friendly interface that facilitates the input of data, such as airport layout, flight data, and topography. An intuitive interface can enhance user efficiency and make the modelling process more accessible.

### **➤ Data Integration:**

Noise Mapping Software should allow for the integration of various data sources, including GIS (Geographic Information System) data, which can be crucial for accurate noise mapping. This capability enables users to incorporate real-world geographical and environmental information into their models.

### **➤ Customization and Scenario Analysis:**

Users can often customize scenarios to model different airport configurations, operational changes, or noise mitigation measures.

### **➤ Output Visualization:**

The software typically should provide detailed visualization tools, including contour maps and 3D representations, allowing users to interpret and communicate noise impact results effectively.

### ➤ Noise mapping Software Standards:

Noise mapping software should follow this below major standards for calculation and data input:

- ✓ AzB 2008
- ✓ AzB 1975
- ✓ AzB 1975 DIN 45643
- ✓ AzB 1975 Hungary
- ✓ AzB 1975 ÖAL 24
- ✓ BUF:2021 / 2018
- ✓ CNOSSOS-EU AirNoise:2021 / 2015
- ✓ CNOSSOS-AT: 2021 / 2019
- ✓ DIN 45684-1: 2013-07
- ✓ DIN 45689:2020
- ✓ ECAC 2nd, 3rd and 4th Edition
- ✓ ÖAL 24:2004
- ✓ SANC · VBUF

### ➤ Advantages of Noise mapping Software:

- Import of a complete model via QSI
- Import of aircraft databases from other sources
- Calculation of any descriptors, such as Leq, maximum level, NAT exceedance frequency, threshold value acc. to NAT & wake-up probability.
- Detailed result documentation of the results including frequency and distribution function of the maximum level for a selected receiver.
- Maximum level statistics for the individual aircraft classes or the sum of aircraft classes.
- Automated graphical output of aircraft noise protection zones and passive noise protection measures.
- Quick and easy combination with any other noise type on the basis of VDI 3722-2
- Calculation of single points, grid noise maps, cross-sectional noise maps, façade noise maps

➤ Graphical presentation of the protection zones according to AzB:2008

### ➤ Important Note :-

1. Noise Mapping Software License Should be in the name of Vendor and in the name of third party is not acceptable. **However, other monitoring devices/ Equipments required for this work can be hired from specialized agency with prior approval of EIC.**
2. Cloud or physical server should be available only in India, other country data Storage not acceptable
3. All Noise Monitors should class 1 and Online/Continuous monitoring system, Portable systems are not acceptable
4. All noise monitoring systems must undergo calibration in the presence of AAI Authority officials while installation.
5. All sampling photos should be available with Reports
6. Radar sensor required compulsory for Flights movements

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## **SCHEDULE OF QUANTITIES**

*(To be submitted online in the Standard BOQ format of Price Bid)*

**Name of Work: Noise mapping for declaration of Airport Noise zones at S. V. Airport, Raipur.**

<b>Sl. No</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Basic rate (including GST) (INR)</b>	<b>Total amount (including GST) (INR)</b>
1	To carry out Noise mapping for declaration of airport noise zones as per DGCA CAR, MoEFCC Requirements/guidelines including submission of reports & obtaining necessary approval from DGCA as per requirements.	1	Job		
<b>Total amount in words</b>					