

# **Tender Document**

**DEVELOPMENT OF INTERNATIONAL AIRPORT AT  
HISAR, HARYANA**

**SH: ENVIRONMENTAL IMPACT ASSESSMENT (EIA)**

[Tender ID : 2019\_AAI\_21498\_1]



Business Development  
Airports Authority of India  
Rajiv Gandhi Bhawan  
New Delhi - 110003



**SUB: DEVELOPMENT OF INTERNATIONAL AIRPORT AT HISAR, HARYANA**

**SH: ENVIRONMENTAL IMPACT ASSESSMENT (EIA)**

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**Certified that this draft NIT contains pages 1 to 38 (Page Thirty-Eight only)**



**AIRPORTS AUTHORITY OF INDIA**  
**BUSINESS DEVELOPMENT**

**SUBJECT: DEVELOPMENT OF INTERNATIONAL AIRPORT AT HISAR, HARYANA**  
**SUB HEAD: ENVIRONMENTAL IMPACT ASSESSMENT (EIA)**

**Notice Inviting e-Tenders**  
**[Tender Id- 2019\_AAI\_21498\_1]**

**1.1 GENERAL DETAILS**

Lump sum e-bids (2BLT) are invited on behalf of the Chairman, Airports Authority of India, for the above mentioned work from the Consultants Accredited/Enlisted with Ministry of Environment & Forest (MOEF), Government of India in *Airport Category*, having PAN, at the following address through electronic bids (tenders) of AAI by visiting the e-portal URL address <http://etenders.gov.in/eprocure/app> . Aspiring Bidders may go through the tender document by login the CPP Portal.

Prospective Tenderers are advised to get themselves acquainted for e-tendering participation requirements at "Instructions for Online Bid Submission" register themselves at CPP Portal, obtain 'User ID' & 'Password' and go through the 'Self Help Files' available in the Home Page after login to the CPP portal <http://etenders.gov.in/eprocure/app> They should also obtain Digital Signature Certificate (DSC) in parallel which is essentially required for submission of their application. The process normally takes 03 days of time. The tenderer may also take guidance from AAI Help Desk Support.

For any technical assistance with regard to functioning of CPP portal the bidder may contact to the following AAI help desk numbers between 08:00 hrs to 19:00 hrs- 011-24626632, 011-24632950, Ext-3512, 011-24632950 Ext-3505, 011-24647596 Mobile numbers: 08510096161, 08510096262, 08510096363

Email address:- [e-sap1@aai.aero](mailto:e-sap1@aai.aero), [etendersupport@aai.aero](mailto:etendersupport@aai.aero),  
[anirudhasharma@aai.aero](mailto:anirudhasharma@aai.aero), [gmit@aai.aero](mailto:gmit@aai.aero)

***Bid Manager:***

A.G.M. (Business Development)  
Airports Authority of India, 3<sup>rd</sup> Floor,C-Block  
Rajiv Gandhi Bhawan  
New Delhi - 110003  
Office Tele No: 011-24632950 Ext. 2067  
Email ID: [bd@aai.aero](mailto:bd@aai.aero)



Tender fee of **Rs. 1180/- (i/c GST) Non-refundable** will be required to be paid offline in the form of Demand Draft from Nationalized or any scheduled bank (but not from co- operative or Gramin bank). The original Demand Draft against Tender fee should be posted / couriered / given in person to the concerned officials, latest by the last date of bid submission or as specified in the Tender Document. The details of Demand Draft / any other accepted instruments, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission.

**1.2 OFFER AND SCOPE OF SERVICES:**

The scope of services to be rendered by the consultant has been detailed in succeeding paragraphs. Consultant has to quote a Lump sum fees in a standard Price Bid template. The bidders are advised to read the full description of item in schedule of quantities on **page 19** of this Tender Document.

**1.3** Following 2 envelopes shall be submitted through online at CPP portal by the bidder as per the following schedule: -

**CRITICAL DATE SHEET**

Published Date	24/01/2019 at 1800 Hrs.
Bid Document Download / Sale Start Date	24/01/2019 at 1800 Hrs.
Seek Clarification Start Date	24/01/2019 at 1800 Hrs.
Seek Clarification End Date	31/01/2019 upto 1800 Hrs.
Bid Submission Start Date	24/01/2019 at 1800 Hrs.
Last date of Bid Submission /Bid Due date	08/02/2019 upto 1500 Hrs.
Last date and time of submission of original Demand Draft against Tender Fee, EMD, Signed hard copy of AAI unconditional Acceptance Letter, Copy of PAN, Copy of GST Registration & Accreditation/Enlistment certificate from Ministry of Environment & Forest (MOEF), Government of India in ' <b>Airport Category</b> ' valid on the Bid due date	11/02/2019 upto 1045 Hrs.
Technical Bid Opening Date	11/02/2019 at 1100 Hrs.
Financial Bid Opening Date	11/02/2019 at 1500 Hrs.

**1.4 EARNEST MONEY:**

EMD of the value of **Rs. 20,000/- (Rupees Twenty Thousand Only)** shall be accepted offline only in the form of Demand Draft from a Nationalized or any scheduled bank (but not from co-operative or Gramin bank).

The original Demand Draft against EMD shall reach the office of **Bid Manager-(A.G.M. (BD), Airports Authority of India, Room No. 306,3<sup>rd</sup> Floor, Rajiv Gandhi Bhawan, New Delhi - 110003)** before the date and time mentioned in Critical Date Sheet.



The bidder who fails to submit the original Demand Draft towards EMD before the stipulated time then their tender shall be rejected out-rightly. Any postal delay will not be entertained. (**If sending through post, kindly sent only through SPEED post**)

### **Refund of EMD**

The refund of EMD to bidders who fail to qualify the eligibility/technical stage shall be initiated automatically within 7 days of their rejection. For all bidders who qualify and their financial bids are opened the refund of EMD of all vendors except L-1 shall be processed within 7 days of opening of the financial bid.

## **1.5 MODE OF SUBMISSION OF TENDER:**

- 1.5.1 Bids shall be submitted online only at CPP website: <http://etenders.gov.in/eprocure/app>. Tenderer/Contractor are advised to follow the instructions "Instructions to Bidder for Online Bid Submission" provided in the EXHIBIT-6 for online submission of bids.

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document

**Last date and time of submission of bids (Envelop I & II) is as per table of critical date sheet on page 02 of this document.**

**Envelope-I:** - Technical Bid should contain scanned copies of following documents:

- i) Scanned copy of Demand Draft against Tender Fee.
- ii) Scanned copy of Demand Draft against EMD.
- iii) Scanned & Signed copy of Acceptance Letter (Performa given in page 20 of Tender Document i.e. **EXHIBIT -01**).
- iv) Accreditation/Enlistment certificate from Ministry of Environment & Forest (MOEF), Government of India in '**Airport Category**' valid on the Bid due date.
- v) Copy of Permanent Account Number (PAN)
- vi) Copy of GST Registration.

**Note:** The original Acceptance letter along with original DD for tender fee and DD for EMD should reach the Bid Manager before the date and time mentioned in Critical Date Sheet failing which the bid shall be rejected.

### **Envelope-II: - Financial e- Bid through CPP portal**

All rates shall be quoted in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been



completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid shall be rejected.

**1.5.2 Bids Opening Process shall be as below: - Envelope-I:**

Any clarification required from the bidder about his uploaded documents in Envelope-I, shall be sought through CPP portal. The bidder shall upload the requisite clarification/documents within time specified by AAI, failing which tender will be liable for rejection.

**Envelope-II:**

**Financial bids of the Consultants found to be meeting the Envelope-I criteria shall be opened on the date as mentioned in Critical Date Sheet.**

(Depending on Envelop-I Evaluation, any changes in the date shall be intimated through Corrigendum on "CPP portal" only).

**1.5.3** In case the condition 1.5.1 & 1.5.2 above is found violated, the tender shall be summarily rejected.

**1.6 VALIDITY OF OFFER:**

The tender shall be valid for 90 days from the date of opening of financial Bid.

**1.7 SITE VISIT:**

Bidders are advised to inspect and examine the site and satisfy themselves about the nature of work and site details before submitting the tender. They shall be deemed to have full knowledge of the site whether they inspected it or not and no extra charge consequent on any misunderstanding or otherwise shall be admissible.

**1.8 CONTRACT AGREEMENT:**

After acceptance of offer a formal contract agreement shall be concluded on a non-judicial stamp paper of **Rs. 100/- (Rupees Hundred only)** within 15 days of award of work. The cost of the same shall be borne by the consultant.

**1.9** Tenderer who has downloaded the tender from Central Public Procurement Portal (CPPP) website <http://etenders.gov.in/eprocure/app> , shall not tamper/modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tempered/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.

**1.10** Consortium / Joint Venture firms shall not be permitted. No single firm shall be permitted to submit two separate applications.

**1.11** 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.



**1.12** AAI reserve the right to disallow issue of tender document to working agencies whose performance at ongoing project (s) is below par and usually poor and has been issued letter of restrain/Temporary/Permanent debar by any department of AAI. 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.

**1.13** No two concerns in which an individual has interest involved, as proprietor, shareholder and / or partner shall tender for the execution of the same works. If they do so, all such tenders shall be liable to rejected.

## **2.0 PROJECT DESCRIPTION:**

The Haryana Government is having basic infrastructure at Hisar which can be used for development of an Integrated Aviation Hub which aims to capture both, short, medium and long term opportunities arising out of a booming aviation sector in India.

Existing Infrastructure –

- Government owned land - 4,200 acres adjoining the Hisar airfield
- Airstrip (4000\*150 feet)
- Hangars, terminal building and compound wall
- Operational Flying Club

The development shall be taken up in phases. At present the operations in Hisar is planned under RCS Scheme and the length of the Existing Runway is 4000 ft and width is 150 ft.

Government of Haryana is planning to develop an International Hub with multimodal connectivity Service to cater for future expected growth in Air Traffic, Cargo etc. Delhi International Airport would cross a capacity utilization of 110% by 2025 which necessitate the development of a sister Hub for Delhi to meet the increasing demand of Aviation sector, accordingly Hisar Airport shall be developed as International Airport. The proposed upgradation/ development of existing Hisar Airport shall be in (03) three phases as under:

### **Phase – I**

- Domestic Airport under the Regional Connectivity Scheme (RCS)

In the short term, it has been decided that the airport may be developed into a Regional Connectivity Service airport under the UDAN Scheme of the Ministry of Civil Aviation, Government of India.

### **Phase – II**

- Small scale MRO
- Fixed Base Operations (FBO)



- Defence Manufacturing and Defence MRP

In addition to starting passenger operations under RCS, Airlines/ operators showed keen interest in starting sub base operations (for night parking, maintenance, training, fueling and air crew basing) as well as MRO activities at Hisar Airport. Hisar Airport would become a diversionary Air field to absorb Delhi International Airport traffic in case of contingencies/ adverse weather.

### **Phase - III**

- Aerospace Manufacturing
- Aviation Training Centre and Aviation University
- International Airport
- Aerotropolis - Commercial and Residential.

The ultimate master plan for the proposed Airport is planned to cater for F-category of Aircrafts wherein in the first phase of expansion of Runway under phase-II expansion plan a Runway has been planned to extend further 3000 mtrs suitable for operation of A320 type of Aircrafts but with capacity to sustain for F-category of Aircrafts as per the ultimate master plan.

At present the following developments shall be undertaken under phase-II expansion plan. The detailed scope of work is as under :

## **A. CIVIL work**

### **a. Pavements**

- i) Expansion of Runway 12-30 to further 3000 mtrs including turning pad suitable for Code-C Aircrafts.
- ii) Construction of parallel Taxi Track with Rapid Exit Taxi(RET).
- iii) Construction of New Apron and link Taxi Track to accommodate 5 no. C-category Aircraft (4-A320 & 1-ATR72)
- iv) Construction of GSE area of dimension 20 x 30 mtr
- v) Provision of Runway End Safety Area of dimension 90 x 90 mtr at both the ends of runway.
- vi) Leveling, Grading and Development of Runway basic strip 150 mtr on either side of Runway central line.
- vii) Construction of Cooling and Fire pit
- viii) Construction of drainage system

### **b. Passenger Terminal Building**

- i) Construction of two level integrated Terminal Building of 40000 Sqm
- ii) Construction of Multi Level Car park of 1000 ECS with Commercial and Retail facilities.

### **c. Construction of ATC tower cum Technical block and Fire station**

- i) Construction of Control tower of height 30 mtr
- ii) Construction of fire Station of Category VI





**d. Miscellaneous Civil Works**

- i) Provision of water storage and water supply
- ii) Construction of AC Plant room and Electrical substation
- iii) Construction of 3.5 mtr wide perimeter road.
- iv) Construction of approach road from fire station to runway and apron through shortest distance and runway end to boundary of airport in the approach path of runway, of sufficient strength to withstand the weight of the heaviest CFT or 60 tonnes, whichever is greater in accordance with Fire Manual 2015.
- v) Procurement of furniture, chairs 100% of Dep. PH (i.e 10% for check-in and 90% for Sec. Hold), 10% of Arr. PH and baggage trolleys 60% of total PH. and adequate No. of Dust bins & Planters.
- vi) Provision of covered drains and culvert (pipe / box) at appropriate location in the operational/ non-operational area for crossing of electrical, communication cables, draining of storm water from runways, apron, terminal building and car park area.
- vii) Horticulture and gardening works on city and airside.
- viii) Construction of 6m wide internal circulation roads.

**B. ELECTRICAL WORKS**

- i) Provision mandatory and informative signage etc. Internal and external electrification for all buildings.
- ii) Procurement and Installation of standby DG sets of adequate capacity, to provide essential 50% power supply to terminal building and 100% to Control Tower and Equipment Room and Fire Station.
- iii) Unitary AC/Packaged ACs etc. of adequate capacity.
- iv) Provision of Fire Alarm and Detection System and Fire Fighting System.
- v) Provision of Apron Flood Lights (as per the requirement) at appropriate locations without infringing apron safety lines/clearance area for safety of aircraft operating on the apron with power-in/power-out parking stands.
- vi) Lighting on car park, approach road, around Terminal Building area, Perimeter road and Watch Towers / Morcha.
- vii) Procurement, installation and commissioning of conveyor belts behind the check- in counters and baggage collection area.
- viii) Procurement, installation of additional split air-conditioners for reserved lounge.
- ix) Procurement, installation and commissioning of signage, flight information display system in the passenger terminal building.
- x) Provision of Lighting of GSE Area (Edge Light and low level instantaneous glow flood light).



- xi) Provision of water supply pumping arrangement system, Drinking water cooler and R.O. /U.V. filter.
- xii) Substation equipment, cabling, augmentation of power supply including deposits to State Electricity authorities etc.
- xiii) Provision of PAPI (Precision Approach Path Indicator) on both ends of runway.

#### **C. CNS Works**

Provision of communication and navigation aids including calibration and commissioning **as per the requirement** for VFR operations by CNS Dte., at the location indicated in the Master Plan.

#### **D. IT & AIRPORTS SYSTEMS**

- i) Public address system and car calling system.
- ii) Surveillance Close circuit TV system (SCCTV) and provision of adequate number of close circuit TV monitors, Security Surveillance System with monitoring facilities in the Terminal Manager Room, Security Control Room, APD Office etc.
- iii) Provision of Flight Information Display System (FIDS) with adequate number of plasma TV's in all areas of departure and arrival, Restaurant, VIP room area and airside & city side of Terminal Building for passenger facilitation/ entertainment
- iv) Provision of adequate no. of X-ray machines for scanning hand/checked-in baggage, including provision of required number of ETDs, DFMDs & HHMDs, as per BCAS norms.
- v) Computer cable data networking.
- vi) Provision of adequate no. of VHF FM Sets (Walkie Talkie, Base Stations & Mobile Stations).
- vii) Provision of Telephone Exchange / digital EPABX system for Terminal Building including telephone/ intercom instruments, wiring etc.

**Note: All the works are to be carried out as per DGCA CAR / ICAO documents.**



### 3.0 SCOPE OF WORK FOR EIA:

#### 3.0 PRE-PROJECT ACTIVITIES FOR PREPARATION OF ENVIRONMENT IMPACT ASSESSMENT (EIA)

- 3.1.1** Carry out site survey for collection of available environment/ project data from local / State Administration / AAI & other sources to prepare and submit **Form-I, Proposed TOR** ( Terms of Reference) as per format and structure enclosed as **EXHIBIT - 03** and **Pre-feasibility Report** to Ministry of Environment & Forests (MOEF) and any further clarification raised by the MOEF.
- 3.1.2** The consultant prepare the ENVIRONMENT IMPACT ASSESSMENT (EIA) report on the basis of "ENVIRONMENT IMPACT ASSESSMENT GUIDANCE MANUAL FOR AIRPORTS" prepared by Administrative Staff College of India, Hyderabad. In case of any discrepancy between the scope of work given in this tender document and EIA guidance Manual then the EIA Guidance Manual scope will prevail and nothing extra shall be paid on this account.
- 3.1.3** Prepare the Rehabilitation and Resettlement (R & R) plan if any due to the project construction.

#### 4.0 PREPARATION OF EIA REPORT:

- 4.1** On receipt of approved Terms of Reference (TOR) from MoEF, Consultant shall carry out the preparation of Draft EIA Report as per the TOR. For detail guidelines/ structure of Draft EIA Report please refer "*ENVIRONMENT IMPACT ASSESSMENT GUIDANCE MANUAL FOR AIRPORTS*" prepared by Administrative Staff College of India, Hyderabad as recommended by MoEF. The report shall include the following salient points.
- 4.2** Collection of environmental baseline data in terms of various parameters within a study area of 10 km radius or within an area as approved by State Pollution Control Board / MoEF from time to time.
- 4.3** Establishing the relevant features of the project that are likely to have an impact on the environment.
- 4.4** Assessing the environmental impacts because of development and operation of the project.
- 4.5** Identification of appropriate correcting measures necessary to limit the adverse environmental impacts to within acceptable limits.
- 4.6** Delineation of requirement for long-term, post-study monitoring and feedback mechanism.
- 4.7** Revising EIA/EMP report, if asked for by Ministry of Environment and Forest and reapplying questionnaire, replies to queries along with revised EIA/EMP report giving copies to all concerned Expert Committee Member.



- 4.8** The study should give special focus on Impact of proposed activities during Construction and operation phases as well as Environment Management plan. The map of study area in the scale of 1:4000 shall also be enclosed.
- 4.9** Submission of draft Environmental Impact Assessment report and incorporating all corrections as desired by MoEF/AAI informed.
- 4.10** Attending meetings in the office of MoEF and giving necessary copies to all Expert Committee Members.
- 4.11** Getting final clearance / approval from MoEF / SPCB for the works.

**5.0 POST ENVIRONMENT IMPACT ASSESSMENT (EIA) ACTIVITIES**

- a. Preparation of presentation for conducting public hearings and making all arrangements at site during public hearing.
  - b. Participation in such meetings as notified by MoEF / PCB.
  - c. Provide all necessary clarifications as raised during public hearing and incorporate all necessary corrections in the EIA report.
  - d. Preparation of presentation for Ministry of Environment & Forests, Govt. of India including attending observations, if any and making presentation before MoEF expert committee until approval of project by MoEF.
  - e. Participation in such meetings as notified by Ministry of Environment & forests, Govt. of India.
  - f. Provide all necessary clarifications as raised during technical advisory meeting conducted by Ministry of Environment & Forests, Govt. of India and incorporate all necessary corrections in the Environment Impact Assessment report.
  - g. All the expenditure incurred for conducting public hearing shall be borne by the consultant other than expenditure against advertisement of public hearing in the newspaper including any other departmental charges raised by State Pollution Control Board/Govt. Agency.
- 6.0** It may be noted that as far as AAI/IAH, Govt. of Haryana is concerned their scope of work i.e. works which are likely to be taken up in the project have been listed in para above. However, to conduct EIA study, the Consultant has to get scope of work for which EIA study is required (i.e. the items/ factors affecting the environment) as advised/ approved from MoEF.

Nothing extra / any deduction shall be made by AAI/IAH, Govt due to increase or decrease of scope of work approved by MoEF and Consultant has to carry out the same within their quoted fee including Administrative & any other charges etc.



**7.0 SCHEDULE OF PAYMENT AND TIME LINE**

S. N.	Stages	Activities	% of Quoted Lump sum fees	Time Line
1.	<b>Application stage</b>	Carry out site survey for collection of available environment/ project data from local/ State Administration/AAI & other sources to prepare and submit Form-I, <b>proposed TOR</b> (Terms of Reference) and <b>Pre-feasibility Report</b> to Ministry of Environment & Forests (MOEF) Complete.	20%	15 days from the date of scheduled start of work
2.	<b>Scoping Stage</b>	In this stage the Expert Appraisal Committee determine detailed comprehensive Terms of Reference (TOR) addressing all relevant environmental concerns for the preparation of an Environment Impact Assessment (EIA) Report in respect of the project for which prior environmental clearance is sought. The Expert Appraisal Committee or State level Expert Appraisal Committee concerned shall determine the Terms of Reference on the basis of the information furnished in the prescribed application Form1 including Terms of Reference proposed by the applicant. <b>TOR approved by EAC.</b>	10%	30 days after completion of Stage-1
3.	<b>Preparation of Draft EIA Report</b>	Preparing the Draft Environment Impact Assessment (EIA) Report as per Terms of reference (TOR) approved by MOEF and submission of draft EIA report to AAI for onward submission to MOEF/SPCB.	10%	15 days from the receipt of approved TOR from MoEF
4.	<b>Public Consultation</b>	“Public Consultation” refers to the process by which the concerns of local affected persons and others who have plausible stake in the environmental impacts of the project or activity are ascertained with a view to taking into account all the material concerns in the project or activity design as appropriate. <b>Technical assistance by consultant during Public consultation process by MoEF / SPCB.</b>	10%	15 days after completion of Stage-3



5.	<b>Preparation of Final EIA Report</b>	After completion of the public consultation, the consultant shall address all the material environmental concerns expressed during this process, and make appropriate changes in the draft EIA Report. The final EIA report, so prepared, shall be submitted by the consultant to AAI for onward submission to MoEF/SPCB. <b>On submission of FINAL EIA Report by consultant</b>	10 %	15 days from date of completion of Public consultation process
6.	<b>Appraisal &amp; Recommendation by EAC</b>	In this stage the detailed scrutiny by the EAC / SEAC of the application and other documents like the Final EIA report, outcome of the public consultations including public hearing proceedings, submitted by the applicant to the regulatory authority concerned for grant of environmental clearance. The consultant shall for furnishing necessary clarifications as desired by the EAC/SEAC if any during Appraisal stage. <b>Approval of Environmental Clearance by MoEF.</b>	20%	30 days after completion of Stage-5
7.	<b>NOC/Consent to Establishment</b>	Getting NOC/Consent to Establishment from MoEF/ SPCB	10%	30 days after receipt of Environment Clearance
8.	<b>Periodic compliance</b>	Submission of periodic compliance report for 3 years from the date of issue of NOC by MoEF/SPCB strictly as mentioned in EC and NOC document for the project. Environmental monitoring for all parameters as mentioned in EC and NOC documents for the project to be done through by Nation Accreditation Board for Testing and Calibration Laboratories (NABL) laboratory along with other point wise compliance for all conditions stated there under.	10% (Ist Year – 3% 2nd Year – 3% 3rd Year – 4%)	Every Six month or as Notified by MoEF/SPCB.

7.1 The bidder shall quote lump sum Fees (In Indian National Rupees) in CPP-portal as defined in para 1.5.1 on page 3 of Bid document.

7.2 No mobilization advance shall be paid. The amount quoted by the agency shall include cost of all works required to be done for Environmental Clearance of the project by statutory authorities except Statutory Fees which shall be paid extra by AAI. For Statutory Fees, the agency shall inform well in time so that there is no



delay in this regard. However, the submission of all requisite documents and Statutory Fees including coordination with the authorities shall be the responsibility of the agency. Nothing extra shall be payable to agency except the Statutory Fees as mentioned above.

- 7.3** Progressive stage payment at each stage shall be allowed to the consultant based on the quantum of work done in that stage. Decision of the Engineer-in-charge as regards to the proportionate cost of the said part or portion of the stage shall be final and binding on the Consultant.
- 7.4** All traveling expenses to be incurred by the consultant to visit site and various other places to do the job including attending public hearing, attending office of State Pollution Control Committee (SPCC)/ Ministry of Environment and Forest, Govt. of India/ Airports Authority of India shall be deemed to be included in the Lump-sum Fee quoted in Schedule and no payment on this account shall be reimbursed. The Consultant has to visit the site as and when required to complete the job, give clarification, if asked, to AAI, New Delhi and revise the report accordingly. The Consultant has to visit the office of AAI, before making presentation to State Pollution Control Committee (SPCC)/ Ministry of Environment & Forests, Government of India to give presentation as and when asked for. The report and presentation need to be revised if asked for by Ministry of Environment and Forest, Government of India. The fee of the consultant is deemed to be inclusive of all site visits, visits to the AAI and Ministry of Environment & Forests, Government of India.

**8.0 TAXES:**

- 8.1** Deduction of INCOME TAX shall be made from consultant's Bill as per the prevailing Income Tax Act. The lump sum fee quoted by the consultant shall be inclusive of all taxes except Goods and Services Tax (GST) and statutory deductions applicable.

**9.0 SECURITY DEPOSIT:**

- 9.1** At the time of making any payment to the consultant, a deduction towards security deposit @ 10% of the Gross amount of the bill shall be made.
- 9.2** On expiry of 3 month from the date of getting NOC/Consent to Establishment from MoEF/ SPCB(whichever is later) as per satisfaction of AAI, the Engineer-in-Charge shall, on demand from the consultant, refund to him the 90% of the recovered amount of security deposit, provided the Engineer-in-Charge is satisfied that there is no demand outstanding against the consultant on any account related to this stage of contract and balance 10% shall be released after completion of the project/work entrusted to the consultant.





**10.0 FORECLOSURE OF CONTRACT IN FULL OR IN PART DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK:**

**10.1** The work shall be carried out in stages. Next stage of work shall be taken up only after approval by AAI / IAH, Govt. of Haryana. AAI has the right to close the contract, postpone the work after completing certain stages of work for which consultant will be paid only for those stages which have been completed by the consultant and approved by AAI / IAH, Govt. of Haryana. Nothing will be paid to the consultant for any unfinished stages of work. In the event of foreclosure of the agreement at any stage the consultant will not have any claim for the unfinished stages except already finished and accepted and approved by AAI / IAH, Govt. of Haryana.

**10.2** If at any time after acceptance of the tender, AAI / IAH, Govt. of Haryana shall decide to abandon or reduce the scope of works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, the Engineer-in Charge shall give notice in writing to that effect to the Consultant and the Consultant shall have no claim to any payment of compensation or otherwise whatsoever, on account of any loss of profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

**11.0 RESCISION OF CONTRACT:**

In the event of the failure on the part of the consultant to complete their work on time or to the complete satisfaction of Engineer-in-Charge or in the event of committing a breach of any one or more of terms and conditions of the Agreement, the AAI shall be entitled to rescind this agreement without prejudice to its rights to claim damages or remedies under the law. The period of notice to be given to rescind the contract will be 30 days, and in the event of such termination consultant shall be liable to refund the excess payment if any made to him over the above what is due to him on the date of termination and AAI / IAH, Govt. of Haryana will be entitled to make full use of all or any of the drawings prepared by consultant. In such cases AAI shall have power to engage another consultant to carry out the balance work debiting the consultant the excess amount if any so spent subject to a maximum of 10% of the total fees which would have been paid. Consultant shall pay AAI on demand of such excess expenditure within 30 days of issue of notice failing which consultant firm shall be debarred from consultancy jobs of AAI / IAH, Govt. of Haryana in future. AAI also reserves the rights to recover the unadjusted amount due from the consultant from any other payment due to consultant.

**12.0 ADEQUACY OF EIA/ EMP AND INFORMATION:**

The consultant shall be fully responsible for adequacy, accuracy and quality of the entire services performed under this contract and shall guarantee that the services performed by him shall be in accordance with the accepted standards of safety, environment protection and public health. The consultant shall be solely responsible for the adequacy of the studies carried out and submissions made in this regard to various authorities.





### **13.0 COMPENSATION FOR DELAY:**

In case the consultant fails to complete the work (as prescribed stage – wise) within the stipulated period and no justifiable reasons are found for the delay, the consultant shall be liable to pay compensation for **delay @ 1% (one percent)** of the stage value of the consultancy fees per week of delay. However, the cumulative value of compensation for delay in various stages shall be subject to a maximum of 10% of the total consultancy fees of the project. Time taken by AAI for approval etc, force majeure reasons and any other reasons beyond control of the consultant shall be considered as justified reasons. The amount of compensation may be adjusted or set off against any sum payable to the consultant under this or any other contract with AAI. The amount of compensation for delay and waiving of compensation for delay in case of justified reasons shall be decided at the discretion of Member (Planning) and the same shall be final and binding on consultant. Time taken by State Pollution Control Committee (SPCC)/ Ministry of Environment and Forest, Govt. of India for approval etc. force majeure reasons and any other reasons beyond the control of the consultant shall be considered as justified reasons. The amount of compensation may be adjusted or set off against any sum payable to the consultant under this or any other contract with AAI.

### **14.0 DISPUTE RESOLUTION CLAUSE:**

Except where otherwise provided for in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of consulting or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, instructions, orders or these conditions or otherwise concerning the EIA study whether arising during the progress of the work or after the cancellation, termination, completion abandonment thereof shall be dealt with as mentioned hereinafter.

#### **14.1 THROUGH DISPUTE RESOLUTION COMMITTEE**

Any dispute as stated above shall be referred in the first place to the dispute resolution committee (DRC) appointed by Chairman, Airports Authority of India.

- i) If a dispute of any kind, whatsoever, arises between the procuring entity and contractor in connection with or arising out of the contract or the execution of the works, whether during the execution of the works or after their completion and whether before or after repudiation or termination of the contract, including any disagreement by either party with any action, opinion, instruction, determination, certificate or valuation of the Engineer, the matter in dispute shall in the first place, be referred to the Dispute Resolution Committee (DRC) appointed by Chairman, AAI.
- ii) DRC, thus constitute may act as 'conciliator and will be guided by principal of 'conciliation' as included in part III of Arbitration & Conciliation Act 1996, DRC should take into consideration, rights and obligations of parties, usage to trade concerned and circumstances surrounding the dispute(s), including any previous business practices between parties. Efforts of DRC should be to



come to an amicable settlement of outstanding disputes. If parties agree, a written settlement will be drawn up and signed by the parties. DRC will authenticate the settlement agreement and furnish a copy to each party.

- iii) DRC will give its report within 45 days of its constitution.
- iv) It is also a term of contract that fees and other expense if payable to DRC shall be paid equally by both the parties i.e. AAI and Contractor. Unless the contract has already been repudiated or terminated, the contractor shall, in every case, continue to proceed with the work with all due diligence. It is also a term of contract that if the contractor does not make any demand for Dispute Resolution Committee in respect of any claim in writing within 90 (Ninety) days of receiving the intimation from the AAI that the bill is ready for payment the claim of contractor (s) will be deemed to have been waved and absolutely barred and the AAI shall be discharged and released of all liability under the contract in respect of these claims.

#### **14.2 ARBITRATION CLAUSES:**

Except where the decision has become final, binding and conclusive in terms of Sub Para (i) of 16.1 above, disputes or differences shall be referred for adjudication through arbitration by a sole arbitrator appointed by the Member (Planning) / Chairman, AAI. If the arbitrator so appointed is unable or unwilling to act or resign his appointment or vacates his office due to any reason whatsoever, another sole arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

It is also a term of contract that if the contractor does not make any demand for appointment of Arbitrator in respect of any claim in writing within 120 (One hundred Twenty) days of contractor (s) will be deemed to have been waved and absolutely barred and the AAI shall be discharged and released of all liabilities under the contract in respect of these claims.

It is term of this contract that the party invoking arbitrator shall give a list of disputes with amounts claimed in respect of each such disputes along with the notice for appointment of arbitrator and giving reference to the rejection of their claims by the dispute resolution committee.

It is also a term of this contract that no person, other than a person appointed by above mentioned appointing authority, should act as arbitrator and if for any reason that is not possible, the matter shall not be referred to arbitrator at all.

The arbitration shall be conducted in accordance with the provision of the Arbitration and Conciliation Act, 1996 (26 of 1996) as amended by the arbitration and conciliation (Amendment) Act, 2015 or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is also a term of this contract that the arbitrator shall adjudicate on only such disputes as are referred to him by the appointing authority and give separate award against each dispute and claim referred to him and in all cases where the total amount of the claims by any party exceeds Rs. 1,00,000/-, the arbitrator shall give reasons for the award.



It is also a term of the contract that if any fees are payable to the arbitrator these shall be paid equally by both the parties.

It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any, of the arbitrator shall, if required to be paid by the parties. The cost of the reference and of the award (including the fees, if any, of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner, such costs or any part thereof shall be paid and fix or settle the amount of costs to be so paid.

#### **15.0 FORCE MAJEURE :**

Force Majeure is hereby defined as any cause which is beyond the control of the consultant or the AAI, as the case may be, which they could not foresee and which substantially affects the performance of the agreement, such as:

- a) Natural phenomena including floods, droughts, earthquakes and epidemics.
- b) Act of any Government, domestic or foreign, including but not limited to war, declared or undeclared priorities, guarantees, embargoes, provided either party shall within 15 days from the occurrence of such a cause notify the other in writing of such causes.

#### **16.0 COPY RIGHT/ PROPRIETARY RIGHT:**

**16.1** The consultant hereby agrees that the fees to be paid as provided in this agreement will be in full discharge of functions to be performed by him and no claim whatsoever shall be made against the AAI in respect of any part relating to the plans, drawings and other documents submitted by consultant.

**16.2** The drawings, design, plans, related details prepared and acquired by the Consultant for the work entrusted to him under this Agreement will become the property of AAI. The drawings, designs, plans, related details cannot be issued to any other persons, firms or authority or used by the consultant for any other project without prior permission of the AAI. However, the same drawings, and design can be utilized by the AAI for future works and the consultant shall not have any objection on this account.

#### **17.0 INFORMATION TO BIDDER:**

**17.1** The successful consultant on acceptance of his tender by accepting Authority shall within 15 days of award of work sign the contract consist of tender document, award letter and any correspondence between AAI and bidders till acceptance of bid.



- 17.2 The consultant shall address all communications regarding the work to Engineer-in-charge or any other officer authorized by him on his behalf who shall call appropriate action to be taken on that. The consultant shall not in any respect correspond directly with or send copies of his letter to any officer other than the Engineer-in-Charge.
- 17.3 Consultant, who unconditionally accepts AAI's conditions, shall be considered for this work and "Envelop-II" Financial Bid for the work from such consultant only shall be opened.
- 17.4 Once the consultant has given unconditional acceptance to AAI's tender conditions in its entirety, he is not permitted to put any remarks(S)/condition(s) in/along with the Tender Document enclosed in "Envelop-II".
- 17.5 In case, the condition 19.4, mentioned above is found violated after opening "Envelop-II" the tender shall be rejected at the sole discretion of AAI.
- 17.6 A responsive bidder** is one who submits priced Tender and accepts all terms and conditions of the specifications and contract documents. A Tenderer shall submit a **responsive bid**, failing which his Tender will be liable to be rejected.
- 17.7** The Tender EMD may be forfeited in the following case:  
a) If a tenderer withdraws its tender during the period of tender validity specified in the tender conditions.

**18.0 INDEMNITY:**

The consultant shall indemnify and keep indemnified "AAI" against any claim regarding drawings and all other related details prepared and acquired for the work entrusted to him under this contract, by any other party and against all costs and expenses incurred by AAI in defending themselves against such claims.

**19.0 SUBLETTING:**

Subletting in full or part of the work by the consultant is not permissible for this work. Consultant is fully responsible for interaction with AAI in all stages during the pendency of the contract and providing all the services mentioned in the scope of work and schedule of services of this tender. However, only on technical reasons, if required, consultant may take help of some specialized firms for any particular specialized job. However, for such cases also consultant is fully responsible for providing the services and the adequacy of report.

A.G.M. (Business Development)  
Airports Authority of India,  
3rd Floor,C-Block  
Rajiv Gandhi Bhawan  
New Delhi - 110003  
Office Tele No: 011-24632950  
Ext. 2067  
Email ID: bd@aai.aero



### SCHEDULE OF QUANTITY (SOQ)

**SUB: DEVELOPMENT OF INTERNATIONAL AIRPORT AT HISAR, HARYANA**  
**SH: ENVIRONMENTAL IMPACT ASSESSMENT (EIA)**

S. No.	Description of Item	Unit	Qty	Short Description for Item Section wherein bidder has to quote his rates
1.	Carrying out site survey and collection of relevant environmental data, carrying out pre-project activities obtaining/ preparing TOR as per guidelines of MoEF and carrying out activities required for Environment Impact Study along with Environment management plan for the work “DEVELOPMENT OF INTERNATIONAL AIRPORT AT HISAR, HARYANA. DEVELOPMENT OF INTERNATIONAL AIRPORT AT HISAR, HARYANA.SH:ENVIRONMENTAL IMPACT ASSESSMENT (EIA)” as per scope of work mentioned or scope approved by MoEF/ SPCCB i/c obtaining Environment clearance for the proposed project from MoEF complete. (Detail scope of work to be undertaken by consultant is described in tender document at para no. 3.0, 4.0 & 5.0)	Per job	1 job	EIA Study for Development of Hisar Airport in the State of Haryana

**Important Note: The lump sum fee of consultant shall be inclusive of all taxes except G.S.T. and statutory deductions applicable. The bidder has to quote their Lump sum fee (in Indian Rs.) on CPP portal in the format provided with Bid document.**



**(Refer Clause 1.5 of Notice Inviting Tender)**

To

A.G.M. (Business Development)  
Airports Authority of India,  
3rd Floor,C-Block  
Rajiv Gandhi Bhawan  
New Delhi - 110003

Sir,

**ACCEPTANCE OF AAI'S TENDER CONDITIONS**

The tender documents for the work "**DEVELOPMENT OF INTERNATIONAL AIRPORT AT HISAR, HARYANA. SUB HEAD: ENVIRONMENTAL IMPACT ASSESSMENT (EIA)**" have been issued to me/us by Airports Authority of India and I/we hereby certify that I/we have inspected the site and read the entire terms and conditions of the tender documents which shall form part of the contract agreement and I/We shall abide by the conditions/clauses contained therein.

1. I/We hereby unconditionally accept the tender conditions of AAI's tender documents in its entirety for the above work.
2. The contents of the Bid Documents have been noted wherein it is clarified and it is accepted that after unconditionally accepting the tender conditions in its entirety, it is not permissible to upload any additional file or put any remark(s)/conditions(s) (except unconditional rebate on quoted rates if any) in/ along with the Bid Document and the same has been followed in the present case. In case, this provisions of the bid if found violated after opening of bid, I/We agree that the bid shall be rejected and AAI shall without prejudice to any other right or remedy be at liberty to forfeit the **10% of earnest money**.
3. **'That, 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'.**
4. The required earnest money as specified in clause no. 1.4 at Page No. - 2 for this work has also been submitted/being submitted and the scanned copy of EMD is attached herewith.

Yours Faithfully,

Date:

(Signature of the bidder)



**EXHIBIT - 02**

**(Letter of understanding from the Depositor to Bank to be submitted along with all Fixed Deposit/ Bank Guarantee to Airports Authority of India)**

The Branch Manager,  
.....Bank,  
.....

Sub: My/ Our Fixed Deposit/ Bank Guarantee bearing No. .... dated for  
Rs. .... issued in favour of Airports Authority of India  
A/C .....

Sir,

The subject Fixed Deposit/ Bank guarantee is obtained from your branch for the purpose of Security/ Performance Guarantee on account of contract awarded/ to be awarded by M/s Airports Authority of India to me/ us.

I hereby authorize the Airports Authority of India in whose favour the deposit is made to en-cash/ close the subject Fixed Deposit/ Bank Guarantee before maturity/ on maturity towards adjustment of dues without any reference/ consent/ notice from me/ our side and the bank is fully discharged by making the payment to Airports Authority of India.

Signature of the Depositor

Place:

Date:

Acknowledgement of Bank with Seal



**FORM 1**

**(I) BASIC INFORMATION**

S. N.	Item	Details
1.	Name of the Project/s	
2.	S. No in the schedule	
3.	Proposed Capacity/area/length/tonnage to be handled/command area/lease area/number of well to be drilled	
4.	New/Expansion/Modernization	
5.	Existing Capacity/Area etc.	
6.	Category of Project i.e. 'A' or 'B'	
7.	Does it attract the General Condition? If yes, please specify.	
8.	Does it attract the Specific Condition? If yes, please specify.	
9.	Location	
	Plot/Survey/Khasra No.	
	Village	
	Tehsil	
	District	
	State	
10.	Nearest Railway Station/Airport along with distance in kms	
11.	Nearest Town, City, District Headquarters along with distance in kms	
12.	Village Panchayats, ZillaParishad, Municipal Corporation, Local Body (Complete postal addresses with telephone nos to be given)	
13.	Name of the Applicant	
14.	Registered Address	
15.	Address for Correspondence	
	Name	
	Designation (Owner/Partner/CEO)	
	Address	
	Pin Code	
	E-mail	
	Telephone No.	
	Fax No.	
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo-sheet.	
17.	Interlinked Projects	
18.	Whether separate application of interlinked project has been submitted	
19.	If yes, date of submission	
20.	If no, reason	





S. N.	Item	Details
21.	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given (a) The Forest (Conservation) Act, 1980 (b) The wildlife (Protection) Act, 1972 (c) The CRZ Notification, 1991	
22.	Whether there is any Government Order/Policy relevant/relating to the site	
23.	Forest Land involved (hectares)	
24.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up (a) Name of the Court (b) Case No. Orders/directions of the court, if any and its relevance with the proposed project.	

## (II) ACTIVITY

- 1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)**

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)		
1.2	Clearance of existing land, vegetation and buildings?		
1.3	Creation of new land uses?		
1.4	Pre-construction investigations e.g. bore holes, soil testing?		
1.5	Construction works?		
1.6	Demolition works?		
1.7	Temporary sites used for construction works or housing of construction workers?		
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations		



1.9	Underground works including mining or tunneling?		
1.10	Reclamation works?		
1.11	Dredging?		
1.12	Offshore structures?		
1.13	Production and manufacturing processes?		
1.14	Facilities for storage of goods or materials?		
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?		
1.16	Facilities for long term housing of operational workers?		
1.17	New road, rail or sea traffic during construction or operation?		
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?		
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic		
1.20	New or diverted transmission lines or pipelines?		
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or		
1.22	Stream crossings?		
1.23	Abstraction or transfers of water from ground or surface waters?		
1.24	Changes in water bodies or the land surface affecting drainage or run-off?		
1.25	Transport of personnel or materials for construction, operation or decommissioning?		
1.26	Long-term dismantling or decommissioning or restoration works?		
1.27	Ongoing activity during decommissioning which could have an impact on the environment?		



1.28	Influx of people to an area in either temporarily or permanently?		
1.29	Introduction of alien species?		
1.30	Loss of native species or genetic diversity?		
1.31	Any other actions?		



**2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):**

S.N.	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)		
2.2	Water (expected source & competing users) unit: KLD		
2.3	Minerals (MT)		
2.4	Construction material - stone, aggregates, sand / soil (expected source - MT)		
2.5	Forests and timber (source - MT)		
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)		
2.7	Any other natural resources (use appropriate standard units)		

**3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health:**

S.N.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)		
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)		
3.3	Affect the welfare of people e.g. by changing living conditions?		
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,		
3.5	Any other causes		



**4. Production of solid wastes during construction or operation or decommissioning (MT/month):**

S.N.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes		
4.2	Municipal waste (domestic and or commercial wastes)		
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)		
4.4	Other industrial process wastes		
4.5	Surplus product		
4.6	Sewage sludge or other sludge from effluent treatment		
4.7	Construction or demolition wastes		
4.8	Redundant machinery or equipment		
4.9	Contaminated soils or other materials		
4.10	Agricultural wastes		
4.11	Other solid wastes		

**5. Release of pollutants or any hazardous, toxic or noxious substances to air Kg/hr):**

S.N.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources		
5.2	Emissions from production processes		
5.3	Emissions from materials handling including storage or transport		
5.4	Emissions from construction activities including plant and equipment		
5.5	Dust or odours from handling of materials including construction materials, sewage and waste		
5.6	Emissions from incineration of waste		
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)		
5.8	Emissions from any other sources		



**6. Generation of Noise and Vibration, and Emissions of Light and Heat:**

S.N.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers		
6.2	From industrial or similar processes		
6.3	From construction or demolition		
6.4	From blasting or piling		
6.5	From construction or operational traffic		
6.6	From lighting or cooling systems		
6.7	From any other sources		

**7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:**

S. N.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials		
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)		
7.3	By deposition of pollutants emitted to air into the land or into water		
7.4	From any other sources		
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?		



**8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment :**

S.N.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances		
8.2	From any other causes		
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?		

**9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality:**

S. N.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
9.1	Lead to development of supporting utilities , ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> <li>• supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)</li> <li>• housing development</li> <li>• extractive industries</li> <li>• supply industries</li> <li>• other</li> </ul>		
9.2	Lead to after-use of the site, which could have an impact on the environment		
9.3	Set a precedent for later developments		
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects		



**(III) ENVIRONMENTAL SENSITIVITY**

S.N.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value		
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests		
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration		
4	Inland, coastal, marine or underground waters		
5	State, National boundaries		
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas		
7	Defense installations		
8	Densely populated or built-up area		
9	Areas occupied by sensitive man-made land uses ( <i>hospitals, schools, places of worship, community facilities</i> )		
10	Areas containing important, high quality or scarce resources ( <i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i> )		
11	Areas already subjected to pollution or environmental damage. ( <i>those where existing legal environmental standards are exceeded</i> )		
12	Areas susceptible to natural hazard which could cause the project to present environmental problems ( <i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i> )		





## PROPOSED TERMS OF REFERENCE FOR EIA STUDIES

### CERTIFICATION:

"I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost".

**Date:**

**Place:**

**Signature of the Applicant  
With Name and Full Address  
(Project Proponent/Authorized Signatory)**

### Note:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z map duly demarcated by one of the authorized agencies, showing the project activities w.r.t. C.R.Z (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z Notification, 1991 for the activities to be located in the CRZ.
2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the Project Proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereof (at the stage of EC).
3. All correspondence with the Ministry of Environment & Forests including submission of application for TOR/Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC meeting on behalf of the Project Proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.



**EXHIBIT - 04**

**FORM OF BANK GUARANTEE IN LIEU OF SECURITY DEPOSIT IN INDIVIDUAL  
CONTRACT**

(On Non-Judicial Stamp  
Paper)

**[Reference para  
30.3.1]**

To

The Airports Authority India

1. In consideration of the Airports Authority India having its head office at New Delhi (hereinafter called the "AAI" which expression shall unless repugnant to the subject or context include its administrators, successors and assigns) having agreed under the terms

and conditions of Contract Agreement \_\_\_\_\_ dated \_\_\_\_\_ made  
No. \_\_\_\_\_

between \_\_\_\_\_ and AAI in connection with the work of  
n \_\_\_\_\_ (hereinafter called the said contract), to accept Deed  
\_\_\_\_\_ of

Guarantee as herein provided' for \_\_\_\_\_ (Rupees  
Rs. \_\_\_\_\_

\_\_\_\_\_ only) in lieu of the Security deposit to be made by the  
contractor or in lieu of the deduction to be made from the contractor's bills, for the  
due fulfillment by the said Contractor of the term and conditions contained in the  
\_\_\_\_\_ said Contract. We, the bank (hereinafter referred to as "the said Bank" and

having our  
registered office at do hereby undertake and agree to indemnify and keep indemnified  
AAI  
from time to time to the extent of \_\_\_\_\_ (Rupees  
Rs. \_\_\_\_\_

\_\_\_\_\_ only) against any loss or damage, costs, charges and  
expenses caused to or suffered by or that may be caused to or suffered by AAI by  
reason of any breach or breaches by the said Contractor of any of the terms and  
conditions contained in the said contract and to unconditionally pay the amount  
claimed by AAI on demand and without demur to the extent aforesaid.

2. We, the \_\_\_\_\_ Bank, further agree that AAI shall be the sole judge  
of \_\_\_\_\_  
and as to whether the said Contractor has committed any breach or breaches of any  
of the terms and conditions of the said contract and the extent of loss, damage, costs,  
charges and expenses caused to or suffered by or that may be caused to or suffered  
by AAI on account thereof and the decision of AAI that the said Contractor has  
committed such breach or breaches and as to the amount or amounts of loss,  
damage, costs, charges and expenses caused to or suffered by or that may be caused  
to or suffered by AAI from time to time shall be final and binding on us.
3. We, the said Bank, further agree that the Guarantee herein contained shall remain  
in full force and effect during the period that would be taken for the performance of  
the said Contracts and till all the dues of AAI under the said Contract or by virtue of  
any of the terms and conditions governing the said Contract have been fully paid  
and its claims satisfied or discharged and till the Accepting Authority of the contract  
certifies that the terms and conditions of the said Contract have been fully and



properly carried out by the said Contractor and accordingly discharges this guarantee subject, however that AAI shall have no claim under this Guarantee after 90 (Ninety) days from the date of expiry of the Defects Liability Period as provided in the said Contract i.e., \_\_\_\_\_(date) or from the date of cancellation of the said Contract, as the case may be, unless a notice of the claim under this Guarantee has been served on the Bank before the expiry of the said period in which case the same shall be enforceable against the Bank notwithstanding the fact, that the same is enforced after the expiry of the said period.

4. AAI shall have the fullest liberty without affecting in any way the liability of the Bank under this Guarantee or Indemnity from time to time to vary any of the terms and conditions of the said contract or to extend time of performance by the said Contractor or to postpone for any time and from time to time any of the powers exercisable by it against the said Contractor and either to enforce or forbear from enforcing any of terms and conditions governing the said Contract or securities available to AAI and the said Bank shall not be released from its liability under these presents by any exercise by AAI of any liberty with reference to the matters aforesaid or by reason of time being given to the said Contractor or any other forbearance, act or omission on the part of AAI or any indulgence by AAI to the said Contractor or any other matter or thing whatsoever which under the law relating to sureties would but for this provisions have the effect of so releasing the Bank from its such liability.
5. It shall not be necessary for AAI to proceed against the Contractor before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank, notwithstanding any security which AAI may have obtained or obtain from the Contractor at the time when proceedings are taken against the Bank hereunder be outstanding or unrealized.



6. We, the said Bank, lastly undertake not to revoke this Guarantee during its currency except with the previous consent of AAI in writing and agree that any change in the Constitution of the said Contractor or the said Bank shall not discharge our liability hereunder.

In presence of:

Dated this \_\_\_\_ Day of

\_\_\_\_\_  
WITNESS

1.

For and on behalf of (The  
Bank) Signature \_\_\_\_\_

2.

Name & Designation \_\_\_\_\_

\_\_\_\_\_  
Authorisation \_\_\_\_\_

No. Name & Place \_\_\_\_\_

Bank's Seal \_\_\_\_\_

The above Guarantee is accepted by Airports Authority of India. For and on behalf of Airports Authority of India.

Signature \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Dated \_\_\_\_\_

Note:

\*For Proprietary

Concerns son of \_\_\_\_\_ resident \_\_\_\_\_ carrying on

Shri \_\_\_\_\_ of

business under the name and style at \_\_\_\_\_ (hereinafter called "the  
of

said Contractor" which expression shall unless the context requires otherwise include his  
heirs, executors, administrators and legal representatives).



**EXHIBIT - 05**





**AIRPORTS AUTHORITY OF INDIA**  
**INSTRUCTIONS FOR ONLINE BID SUBMISSION**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

**REGISTRATION**

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrolment” on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

**SEARCHING FOR TENDER DOCUMENTS**

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to





intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **PREPARATION OF BIDS**

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents and keep it as a repository.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

### **SUBMISSION OF BIDS**

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument,



physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### **ASSISTANCE TO BIDDERS**

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.