



## **Airports Authority of India**

# **TENDER DOCUMENT**

### **Title**

**“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”**

**TENDER NO:** AAI/VIJU/CNS/2021/1

**E-tender portal:** [www.etenders.gov.in](http://www.etenders.gov.in) or [www.aai.aero](http://www.aai.aero)

**E Tender ID:** -2021\_AAI\_73081

**Date:** 16/03/2021

### **Prepared By**

(Aditya Kumar)  
Sr.Manager (Elex)  
Civil Airport, Jammu

### **Checked & verified By**

(S B Vimal)  
AGM (ELEX)  
Civil Airport, Jammu

### **Approved By:**

(Umesh Kumar Singhal)  
DGM (CNS)  
Civil Airport, Jammu



सत्यमेव जयते

**Government of India  
And  
Government of Jammu and Kashmir  
Form GST REG-25**

**Certificate of Provisional Registration**

1.	GSTIN	01AAACA6412D1ZM
2.	PAN	AAACA6412D
3.	Legal Name	AIRPORTS AUTHORITY OF INDIA
4.	Trade Name	AIRPORTS AUTHORITY OF INDIA
5.	Registration Details under Existing Law	
	Act	Registration Number
(a)	TIN under Value Added Tax	01252220909
Date	25/06/2017	

This is a Certificate of Provisional Registration issued under the provisions of the Act.

**TABLE OF CONTENTS**

<b>Sr No.</b>	<b>Section</b>	<b>PARTICULARS</b>	<b>PAGE</b>
1.	Section-I	NOTICE INVITING TENDER	4
2.	Section-II	INSTRUCTIONS TO BIDDERS	7
3.	Section-III	GENERAL TERMS & CONDITIONS	22
4.	Section –IV	SPECIAL TERMS & CONDITIONS	34
5.	Section-V	SCOPE OF WORK	39
6.	Annexure-I	ACCEPTANCE LETTER	40
7.	Annexure-II	PERFORMANCE BANK GUARANTEE	42
8.	Annexure-IIA	UNDERTAKING OF AUTHENTICITY	43
9.	Annexure-IIA1	EMD UNDER TAKING (BID-SECURITY DECLARATION)	44
10.	Annexure-IIB	UNDERTAKING W.R.T NOT BLACKLISTED	45
11.	Annexure-IIC	UNDERTAKING W.R.T NOT SUBMIT ALTERNATE BID	46
12.	Annexure-IID	UNDERTAKING W.R.T SUBLETTING OR OUTSOURCING	47
13.	Annexure-IIE	UNDERTAKING W.R.T SUBCONTRACTING	48
14.	Annexure-III	SUPPORT STAFF FORMAT	49
15.	Annexure-IV	LIST OF MAKE-MODELS OFFERED	50
16.	Annexure-V	FORCE MAJEURE FORMAT	51
17.	Annexure-VI	EXTENSION OF TIME FORMAT	52
18.	Annexure-VII	SPECIFICATIONS & COMPLIANCE STATEMENT	54
19.	Annexure-VIII	DETAILS OF THE VENDOR FIRM/COMPANY	63
20.	Annexure-IX	CONSIGNEE SITE	64
21.	Annexure-X	UNDERTAKING FOR SUBMITTING BID	65
22.	Annexure-XI	AGREEMENT	66
23.	Annexure-XII	FORMAT FOR AUTHORIZATION LETTER	68
24.	Annexure-XIII	UNDERTAKINGS ANNEXURES (XIIIA, XIIIB, XIIIC, XIID, XIIIE)	69
25.	Schedule A	ADDENDUM TO THE TENDER DOCUMENT	74
26.	Schedule-B	SCHEDULE-B PRICE SCHEDULE	75
27.	Annexure-XIV	BANK DETAILS OF THE BIDDER	76
28.	Section-VI	RF LINK BASIC LAYOUT	77-78

## SECTION – I

### NOTICE INVITING TENDER

1. Airports Authority of India invites sealed e-tenders from the OEM /Authorized System Integrator/Channel partners/Authorized Suppliers of the OEM for the work of **“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”** through CPP portal (<http://etenders.gov.in>) as per the bill of material given in Schedule “B” of the tender document with detailed Specifications & Quantities given in **Annexure – VII**.
2. **Estimated cost of the purchase / work & the EMD are as given below.**

Sr. No.	Name of the Work	Estimated Cost (INR)	EMD Amount (INR)	COST OF TENDER (INR)
1	“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”	Rs 31,97,143/-	NIL	Rs. 1180/-

3. This tender is called through the electronic tendering process and can be downloaded/ purchased from the CPP Portal with URL address <http://etenders.gov.in>. A copy of the tender is also available for reference on AAI website [www.aai.aero](http://www.aai.aero). Please note that the submission of the tender is only through the CPP portal <http://etenders.gov.in>. The tenders will not be accepted in any other form. Further it may be noted that tenders which are duly submitted on CPP portal shall only be final and tenders just saved without submission will not be available to the evaluation committee. Bidders are requested to go through e-Procurement portal guidelines, procedures & system setting/requirement. In case of any technical difficulty, bidders may contact on the following help desk numbers & email ids details as mentioned below: -

#### CPPP under GePNIC(Help Desk Services)

- a. Any Queries relating to the process of online bid submission or queries relating to CPP portal Technical Assistance, please call the Helpdesk, on following Telephone Numbers Tel: +91-120-4001002, +91-120-4001005, +91-120-6277787 & Email Address: support-eproc@nic.in
- b. Before submitting queries related to system, bidders are requested to follow the instructions given in “Guidelines to Bidders” of CPPP’s e-procurement portal and get their computer system configured according to the recommended settings as specified in the portal at “System Settings for CPPP”.
- c. For any Policy related matter / Clarifications Please contact Dept. of Expenditure, Ministry of Finance. E-Mail: cppp-doe@nic.in
- d. In order to facilitate the Vendors / Bidders, the AAI Help desk services shall be available on all working days (except Sunday) between 0800-2000 hours and shall assist users related to the use of the CPP eProcurement portal. The below mentioned help desk numbers are intended only for queries related to the ease of use on e-procurement portal. However, AAI shall not be responsible for any reason to bidders for not submitting the bids in the e-procurement portal.
- e. For any technical assistance the escalation matrix as mentioned below:

SL. No.	Support Persons	Escalation Matrix	E-Mail Address	Contact Numbers	Timings*
1.	Help Desk Team	Instant Support	<a href="mailto:eprochelp@aai.aero">eprochelp@aai.aero</a>	011-24632950 Ext:3512 (Six lines)	0800-2000 Hrs. (MON - SAT)
2.	Mr. Sanjeev Kumar, Jr. Exe. (IT)	After 4 Hours of Issue	<a href="mailto:etendersupport@aai.aero">etendersupport@aai.aero</a>	011-24632950, Ext-3505	0930-1730 Hrs. (MON-FRI)
3.	Mrs. S. Nita Sr. Mgr. (IT)	After 12 Hours	<a href="mailto:snita@aai.aero">snita@aai.aero</a>	011-24632950, Ext-3523	0930-1730 Hrs. (MON-FRI)
4.	General Manager (IT)	After 03 Days	<a href="mailto:gmitchg@aai.aero">gmitchg@aai.aero</a>	011-24657900	0930-1730 Hrs. (MON-FRI)

- f. The above-mentioned help desk numbers are intended only for queries related to the issues on CPP portal (e-procurement) and help needed on the operation of the portal. For queries related to the tenders published on the portal, bidders are advised to contact concerned Bid Manager from AAI.

**\*The Helpdesk services shall remain closed on all Govt. Gazetted Holidays.**

4. The tender processing fee shall be Rs 1180/- (Rupees one thousand one hundred eighty only) and will be non-refundable. Tender processing fee shall be paid to AAI, offline through Demand Draft in favour of “Airports Authority of India, Jammu”.
5. The critical dates for this tender are as given below.

Schedule of Important Activities.	Date & Time
Publishing Date	17/03/2021 16:00 Hrs
Document Download/Sale Start Date	17/03/2021 16:00 Hrs
Seek clarification Start date	17/03/2021 16:00 Hrs
Seek clarification End date	22/03/2021 16:00 Hrs
Bid submission start date	17/03/2021 16:00 Hrs
Bid submission closing date	02/04/2021 16:00 Hrs
Bid opening date	08/04/2021 16 :00Hrs
Last date and time of submission of original Demand Draft against Tender Fee, Signed hard copy of AAI Unconditional Acceptance Letter and EMD Under taking (Bid-Security Declaration).	08/04/2021 15:00 Hrs
Financial Bid Opening Date	15.04.2021 (15:30 Hrs.) (Change in opening date, if any will be intimated through CPP portal only)

**6. Time Period for completion of work:**

The work as per the Notice Inviting Tender shall be completed within

- a. SITC work shall be completed within 60 Days from the date of issue of work order
- b. Post warranty (02 Years) all inclusive CAMC for 3 years.

**7. Clarifications/queries if any may be uploaded on procurement portal as per critical dates mentioned above in MS Excel sheet. Clarifications/queries should be in the following format**

Sl.No	Tender Page No	Tender Clause / Para No.	Tender Clause	Bidder's Query

- 8.** Worksite for the project will be Terminal Building and Nav-aids Site, Jammu Airport.
- 9.** In no scenario the vendors are required to submit / contact any AAI employee for physical submission of any document before opening of the bids.
- 10.** The tenders of the bidders who fail to submit the Bid security declaration shall be rejected outright.
- 11.** Clarification needed if any may be sent through CPP e-tendering portal only.

**DGM (CNS)**

Issued On:17/03/2021

## SECTION – II INSTRUCTIONS TO BIDDERS

### A. INTRODUCTION

#### 1. DEFINITIONS

- 1.1 “AAI / The Buyer” means the Airports Authority of India.
- 1.2 "The Bidder / Vendor" means the individual or firm or Company who participates in this tender and submits its bid.
- 1.3 “Project Manager AAI” means the AAI executive responsible for signing all documents from AAI side and shall coordinate all the activities of the project with the bidder / contractor.
- 1.4 "The Supplier / Contractor" means the individual or firm taking up the work as defined under the Notice Inviting Tender.
- 1.5 "The Works Order" means the order placed for the Supply, Installation, Integration, Testing, Commissioning and CAMC of systems / works by the Buyer on the Contractor signed by the Buyer including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.6 "The Purchase Order / Supply Order" means the order placed for the supply of items by the Buyer on the Supplier signed by the Buyer including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.7 “The Contract” means the agreement signed between the Buyer and the Contractor as per the terms and conditions contained in the Works Order / Purchase Order.
- 1.8 "The Contract Price" means the price payable to the Contractor under the Works Order / Purchase Order for the full and proper performance of its contractual obligations.
- 1.9 “Non-responsive Bid” means a bid, which is not submitted as per the instructions to the bidders or Earnest Money Deposit has not been attached, or the required data has not been provided with the Bid or intentional errors have been committed in the Bid.
- 1.10 A system Integration is a business process that builds computing systems for clients, create homogeneous system by combining hardware, software products & resources together from multiple vendors, OEMs, Subsystem or System Integrator firm is one who sources sub-systems from one or more OEM(s) firms and integrates the same with its own manufacturing / developing subsystem(s), to supply fully functional system as per prescribed specifications.

#### 2. ELIGIBILITY CRITERIA:

**(Bidders shall upload scanned copy of following documents in readable form at CPP e-tendering portal corresponding to Eligibility as criterion mentioned below)**

##### 2.1 List of documents to be attached with the Eligibility Bid -

**2.1.1 GST** (as Applicable), PAN - Registration number.

**2.1.2 Proof of execution of works:** Vendor should have successfully completed similar services with one Work Order of value equal to 80% or more of the estimated cost or two separate Works Orders, each for a value

equal to or more than 50% of the estimated cost or three separate Work Orders, each for a value equal to or more than 40% of the estimated cost in last 7 years, for Government Departments or Public Undertakings or Private sectors (with in India). Bidder should have done similar works for “**SITC of Radio Link Network**”.

**2.1.3 Proof of satisfactory service:** Bidder shall submit completion/ performance certificate in respect of the experience of works claimed by bidder against execution of works (Para 2.1.2) above. Certification of satisfaction with complete detail of work carried out shall be submitted. Further completion certificates should be issued by the end Customer. **In case of work experience of Private sectors, bidder has to submit TDS certificate issued by the Customer in support of payment received and execution of work.** These certificate(s) endorsed by the bidder, may indicate:

- a) Name & scope of work.
- b) Date & No. of contract/order.
- c) Contract Value/quantity.
- d) Date of completion of Works.

**2.1.4** The bidder should be Authorized System Integrator / Authorized Partner of the OEM. The bidder should submit a letter (Tender specific MAF (Manufacturer’s Authorization Form)) from the OEMs as the valid documentary proof of items given in the Bill of Material and back –to-back support for all the active items to be covered through this tender.

**2.1.5** A list of clients served (with contact address and official email Ids) shall also be attached.

**2.1.6 Earnest money Deposit (Bid Security Declaration)**

Bidders Shall submit Bid security declaration as per Annexure- IIA1 that the bidder shall be disqualified/ suspended from bidding for any contract with the Airports Authority of India for the period of one year, in breach of any obligation under the bid conditions such as

- i) withdrawn or modified the Bid during the period of bid validity
- ii) fail or refuse to execute the Contract, if required,
- iii) fail or refuse to furnish the Performance Security, in accordance with the Instruction to Bidders.

**2.1.7** Payment of tender fee through Demand Draft in favor of “AIRPORTS AUTHORITY OF INDIA” payable at “Jammu” in accordance with Clause 4 under Section I of the tender.

**2.1.8 Public Procurement Policy - Concessions to Indian Micro & Small Enterprises (MSEs) Units Registered with NSIC and other Government Agencies:**

- a) Within guidelines of Government of India, concessions to for Micro & Small Enterprises (MSEs) Units registered with District Industries centres (DICs)/Khadi and Village Industries Commission (KVIC)/Khadi and Village Industries Board (KVIB)/Coir Board//NSIC (National Small Industry Corporations)/Directorate of Handicraft and Handloom or any other body specified by Ministry of Micro, small and Medium Enterprises for goods produced and services rendered - shall be issued tender documents free of cost and shall be eligible for availing benefits,. In this tender, only following concessions shall be applicable and extended to the bidders registered as MSEs i.e. **Tender document fee (refund)**.
- b) The benefit as above to MSEs shall be available only for goods/services produced and provided by MSEs for which they have registered.
- c) MSEs registered under Udyog Aadhar Memorandum (UAM) are also eligible to avail the benefits under policy as per order/office memorandum issued vide no. F.No.22(1)/2012-MA dated 24-022016 from Office of the Development Commissioner (Micro, Small and Medium Enterprises), Ministry of Micro, Small and Medium Enterprises, Government of India.

- d) For claiming the concession/benefits as mentioned in para a) above, MSEs bidders registered with the NSIC or Govt. agencies listed above shall submit the following attested/self-certified copies of documents, failing which they run the risk of their bid passed over as ineligible for the benefits applicable to the MSEs:
- i) Valid/Current **Certificate of Registration for the tendered items/services.**
  - ii) Valid/Current *Certificate of approved 'monetary limit'*. The approved monetary limits of the MSE bidders shall be equal or more than the estimated value mentioned in this tender.
- e) **Refund of Tender Document Fee:**
- i) The bidders registered as MSEs shall purchase the tender document from e-tender portal of AAI. Such MSEs bidders are eligible to request AAI for refund of tender fee after opening of the tender. The tender fee to such MSEs may be refunded by AAI subject to meeting the requirements as mentioned above.
- 2.1.9** Articles of Memorandum of Association or Partnership Deed or Proprietorship Deed as the case may be.
- 2.1.10 Annualized Average Financial Turnover:** Vendor should have annualized average financial turnover of at least Rs. 9,59,143.00 (Rupees Nine lakhs Fifty Nine Thousand One Hundred Forty three only) during last 3 Financial years ending on 31st March of previous financial year. As a proof of financial turn over, copy of abridged Balance Sheet along with profit & loss account of the bidder for the last three year should be submitted.
- 2.1.11 Acceptance Letter:** Un-Conditional Acceptance Letter of all tender conditions in the format enclosed as Annexure-I of the tender document on company's letter head.
- 2.1.12 Power of Attorney:** Power of Attorney (Stamp of Rupees 100/-); signed by Director of the Firm, authorizing the designated executive to sign all documents on behalf of the company or Firm, if the bid is not signed by the Director of the Company or Partner / Proprietor of the Firm. No replies/queries from other than authorized signatory shall be accepted/considered for reply by AAI.
- 2.1.13** Details of the Vendor Firm/ Company: Format enclosed as Annexure-VIII of the tender document.
- 2.1.14** Undertaking w.r.t as (IIB, IIC, IID, IIE,) on Rs.100 Non-Judicial Stamp Paper stating: -
- a) That our firm or its partners or its directors have not been black listed and no case or complaint is pending against the firm or its partners regarding irregularities in India or abroad, by any global international body like World Bank/International Monetary Fund/ World health Organization etc., or any Indian State/Central Governments Departments or Public Sector Undertaking of India. At any stage of evaluation if it is found that a bidder firm has given wrong or misleading information then bid of such bidder firm(s) shall be summarily rejected.
  - b) That bidder firm or its subsidiary firm or its parent firm shall NOT be allowed to submit alternate bids, technical bid solution.
  - c) That no part of the scope of work shall be sublet or outsourced to any third party without written consent from AAI.
  - d) That if any portion of the work is outsourced or subcontracted then it shall accept all AAI objections within the scope of tendered work or bidder firm shall change/ replace subcontractor if required by AAI and shall undertake work itself without any additional compensation.
- 2.1.15** The tender for the offered system cannot be submitted both by the OEM and its authorized representative. In such cases, the application of OEM alone will be considered and the tender of the authorized representative shall be rejected.

**List of documents to be attached with the Eligibility Bid (PQQ Folder)–**

Sl no.	Eligibility Bid e-Documents (PDF)	e-File: Named As
<b>A</b>	GST (as Applicable), PAN	GST and PAN Details
<b>B</b>	Proof of Experience of Works claimed. (PO / Work Order issued by the customer)	Experience PO-01 Experience PO-02 Experience PO-03
<b>C</b>	Proof of completion (Completion Certificate issued by the customer) with complete details of works claimed	CC-01, CC-02 & CC-03
<b>C.1</b>	a) Name & scope of work. b) Date & No. of contract/order. c) Contract Value/quantity. d) Date of completion of Works. e) Complete address of site (s) f) Performance satisfactory statement of SITC.	
<b>D</b>	A letter of bidder having details of customer of works claimed for experience including postal address, official Phone Number, Email Address and URL (if any).	PO-Customer – Details
<b>E</b>	List of client references with contact details including Email Ids.	Client List
<b>F</b>	Articles of Memorandum of Association or Partnership Deed or Proprietorship Deed.	MOA or Firm Deed
<b>H</b>	Audited Balance Sheet during last three years ending 31 <sup>st</sup> March 2020.	ABS-2018; ABS-2019& ABS-2020
<b>I</b>	Letter for Un-conditional Acceptance of terms & conditions of tender as per as Annexure-I on Company’s Letter head.	Acceptance Letter
<b>J</b>	Power of Attorney (In case of Signatory is other than Director of a Company or Proprietor / Partner of the Firm)	POA
<b>K</b>	In case of OEM, Proof of being OEM. In case of Authorized Representative/ Authorized System Integrator, OEM Authorization (MAF) for all items as per Bill of Material & Toll-free number (India) details for technical assistance.	MAF- (OEM Authorization)
<b>L</b>	Certificates if any one listed	Certificates
<b>M</b>	Details of the Vendor Firm/ Company: Format enclosed as Annexure-VIII of the tender document	Vendor Details
<b>N</b>	Undertaking w.r.t Annexure-(IIB, IIC, IID, IIE) on Rs.100 Non Judicial Stamp Paper.	Annexure-II
<b>O</b>	Undertaking for Submitting Bid in (Annexure – X)	Annexure-X
<b>P</b>	Undertakings (Annexure – XIII)	Annexure-XIII
<b>Q</b>	Bidders Shall submit Bid security declaration.	Annexure- IIA1
<b>R</b>	Scanned Copy of Tender Fee payment	Tender Fee
<b>S</b>	Bank Details of the Bidder for Payment (Annexure XIV)	Annexure- XIV
<b>T</b>	Any other eligibility related documents as per tender Document.	Other Docs

**2.2 List of documents to be attached with the Technical Bid (Tech Bid Folder) -**

- 2.2.1** Qualified Support Staff List for Installation/Testing as per Annexure –III.
- 2.2.2** List of make & Models offered in the tender as per Annexure-IV.
- 2.2.3** Duly Filled Compliance Statement as per Annexure –VII and Section-V with supporting documents/literature.
- 2.2.4** Supporting Documents/ Brochures/Literature in support of technical specifications should be clearly highlighted with specifications serial numbers as per Annexure –VII.
- 2.2.5** Signed Tender Document including Corrigendum’s (if any)

<b>Sl. No.</b>	<b>Technical Bid e-Documents (PDF)</b>	<b>e-File: Named As</b>
<b>A</b>	Qualified Support Staff List for Installation as per Annexure –III	Staff list
<b>B</b>	List of make & Models offered in the tender as per Annexure-IV.	Make-Model
<b>C</b>	Duly Filled Compliance Statement as per Annexure – VII and Section-V with supporting documents/literature.	Compliance Statement
<b>D</b>	Supporting Documents/ Brochures/Literature in support of technical specifications should be clearly highlighted with specifications serial numbers as per Annexure –VII.	Support Docs
<b>E</b>	Signed Tender Document including Corrigendum’s (if any)	Tender

**Note:** The **name of files** uploaded at e-tender Portal should be corresponding to the documents required as mentioned in Table –I.

**3. COST OF BIDDING:**

- 3.1.** The Bidder shall bear all costs associated with the preparation and submission of the bid. The Buyer, will in no case, be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

**B. THE BID DOCUMENTS :**

**4. BID DOCUMENTS**

- 4.1** The required materials, bidding procedures and contract terms are prescribed in the Bid Documents. The Bid Documents include-

- 4.1.1** Section - I :- (Notice Inviting Tender)
- 4.1.2** Section - II :- (Instructions to Bidders)
- 4.1.3** Section - III :- (General Terms & Conditions of the Contract)
- 4.1.4** Section - IV :- (Special Conditions of the Contract)
- 4.1.5** Section -V :- (Scope of work)
- 4.1.6** Annexure -I :- (Acceptance Letter)
- 4.1.7** Annexure -II :- (Performance Bank Guarantee)
- 4.1.8** Annexure-II A :- Undertaking of Authenticity
- 4.1.9** Annexure IIA1 :- EMD Under taking (Bid-Security Declaration).
- 4.1.10** Annexure IIB :- Undertaking w.r.t Not Black Listed
- 4.1.11** Annexure IIC :- UNDERTAKING W.R.T NOT SUBMIT ALTERNATE BID
- 4.1.12** Annexure IID :- UNDERTAKING W.R.T SUBLETTING OR OUTSOURCING

<b>4.1.13</b>	Annexure IIE :-	UNDERTAKING W.R.T SUBCONTRACTING
<b>4.1.14</b>	Annexure -III :-	(Support Staff details)
<b>4.1.15</b>	Annexure -IV :-	(List of Make & Model offered)
<b>4.1.16</b>	Annexure -V :-	(Format for intimation of force Majeure)
<b>4.1.17</b>	Annexure -VI :-	(Application for extension of time)
<b>4.1.18</b>	Annexure -VII :-	(Specification & Compliance to the specifications)
<b>4.1.19</b>	Annexure-VIII:-	(Details of the Vendor Firm/ Company)
<b>4.1.20</b>	Annexure IX :-	(CONSIGNEE SITE)
<b>4.1.21</b>	Annexure-X :-	(UNDERTAKING FOR SUBMITTING BID)
<b>4.1.22</b>	Annexure-XI :-	(AGREEMENT)
<b>4.1.23</b>	Annexure-XII :-	(Format for Authorization Letter)
<b>4.1.24</b>	Annexure-XIII :-	Undertakings Annexure (XIIIA, XIIIB, XIIC, XIID, XIIE)
<b>4.1.25</b>	Schedule A :-	Addendum to the Tender document
<b>4.1.26</b>	Schedule-B :-	Price Schedule
<b>4.1.27</b>	Annexure- XIV :-	Bank Details of the bidder

**4.2** The Bidder is expected to examine all instructions, forms, terms and specifications in the Bid Documents. Failure to furnish all information required as per the Bid Documents or submission of bids not substantially responsive to the Bid Documents in every respect will be at the bidder's risk and shall result in rejection of the bid.

## **5. AMENDMENTS TO BID DOCUMENTS**

- 5.1** At any time, prior to the date of submission of bids, the Buyer may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bid documents by amendments.
- 5.2** The amendments shall be communicated to all prospective bidders as corrigendum on the e-tender portal and these amendments will be binding on them.

## **C. PREPARATION OF BIDS:**

## **6. DOCUMENTS COMPRISING THE BID :**

**6.1** The bid prepared by the bidder shall be in three parts to be submitted as per **Para D** of this Section. Each part to contain the following components:

- 6.1.1** Eligibility Bid: for provision of “Name of the work as given in Schedule-A Sl. No. 1” consisting of the following documents.
- 6.1.2** All the relevant documents as asked for Eligibility criteria of the tender.
- 6.1.3** Payment of tender fee through Demand Draft in favor of “AIRPORTS AUTHORITY OF INDIA” payable at “Jammu” in accordance with Clause 4 under Section I of the tender. NSIC registered bidders shall be exempted from tender fee as per Government of India directives.
- 6.1.4** Earnest Money Deposit (EMD) Under taking (Bid-Security Declaration) as per Annexure-IIA1.

**6.2. Technical Bid: for provision of “Name of the work as given in Schedule-A Sl. No. 1” consisting of the following documents.**

- 6.1.1** All the relevant documents as asked for technical criteria of the tender.
- 6.1.2** Documentary evidence established in accordance with Clause 8 of this section that the bidder is eligible to bid and is qualified to perform the contract if his bid is accepted.

6.1.3 Compliance Statement as per Clause 8.1.2

6.3 **Financial Bid:** for provision of “Name of the work as given in Schedule-A Sl. No. 1” consisting of the following documents and filled online as per clause 7.

6.1.1 Financial Bid Form (upload BOQ.xls on the portal).

6.1.2 The bidder shall quote the rates in English language and international numerals.

6.1.3 Bidder to quote cost for all the items in the Scheduled B/BOQ form.

6.1.4 Incomplete bid form shall be rejected by AAI

## 7 BID PRICES :

7.1. The bidder shall fill the price schedule as follows:

7.1.1 Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. The Financial Bid (Scheduled-B) shows the bill of material for all items with scheduled quantities. Bidders are required to download the Financial Bid/BoQ file, open it and complete the 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. **It may be noted that only duly submitted bids shall be evaluated and bids just saved but not submitted shall not be part of the evaluation process.**

7.1.2 Bidder shall comply Taxes as per Government rules applicable from Time to Time.

7.1.3 The Unit rate shall be inclusive of packing & forwarding charges if any. Bidder /SI shall arrange for the road permit themselves and no extra charges shall be paid by AAI.

7.1.4 Prices quoted for all items (Imported and Indigenous supplies/services) shall be in Indian rupees only and inclusive of all the patents, taxes, duties, freight, insurance, handling charges, work contract tax, customs duties with all cess, excise, installation, integration, testing & commissioning charges, In Air/Land/Sea transportation, incidental charges, octroi, permits, licenses, Entry Tax, GST, labour cess, any other Indian tax, *SAT cost*, Demo Cost Insurance, Salary & Bonus, PF, ESI etc... applicable in the overseas country of origin as well as in India and shall be included in Supply, Installation, Integration, Testing, Commissioning and CAMC item rates as applicable up to site. **Nothing extra shall be paid on any account. However, for variation in quantities of items, the payment, allowed by AAI, shall be made on actual measurements**, as per the rate quotes submitted to AAI in the price bid.

7.1.5 The bidder firm shall survey the **Rail / Road / Sea route** for transporting the system to respective site. If Road Permit is required requisite request shall be made by the bidder firm from Ultimate User Consignee sites.

7.1.6 As the cost of obtaining Road Permits/Entry tax/Octroi/WPC clearance/DGFT clearance etc... is included in actual cost. Therefore, actual cost of obtaining such Road Permits/Entry tax/Octroi/WPC clearance/DGFT clearance etc... by AAI shall be payable by bidder firm or else the same shall be paid by AAI and cost with all demurrages for obtaining the same shall be deducted from its running payments.

- 7.1.7** The Unit Rate (Inclusive of all taxes) shall be used for calculating the total amount in the Financial Bid.
- 7.1.8** In the event of any ambiguity, the Unit Rate given in the Financial Bid shall be taken as the correct basis for calculating all other data. In the event of any Errors or Ambiguity in Unit Rates itself the Financial Bid of the bidder shall be rejected.
- 7.1.9** If any bidder quotes “NIL” charges, then the bid shall be treated as unresponsive and shall not be considered.
- 7.1.10** The prices quoted by the bidder shall remain firm on the date of submission of the Bid and shall not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.
- 7.2. The bidder shall quote only one price for each item of same specification against the nomenclature shown in Financial Bid/BOQ.
- 7.3. The bidder shall quote as per price schedule given in Financial Bid for all the items as per specifications in Annexure - VII.
- 7.4. **Each Bidder should submit only one product for each item. Offering products of more than one brand or multiple models of the same brand against one item shall make the technical / financial bid of the vendor invalid and such offers shall be rejected at technical / financial stage wherever such defaults are noticed.**
- 7.5. Post offer discount, if any, offered by the bidders shall not be considered. Bidders’ planning to offer discount shall therefore modify their offers suitably while quoting and shall quote clearly net price taking into account discount, free supply etc. However, such discounts from the firm declared as L1 on the basis of post bid negotiations if any shall be considered and such negotiated offers when agreed by AAI & the bidder shall form a part of the financial Bid.
- 7.6. The bidder firm shall be solely responsible to ensure the following:
- a) Sound packing of equipment/components.
  - b) Shipment of the items by the due date as per schedule.
  - c) Insurance.
  - d) Custom Clearance and handling of items at port of entry in India.
  - e) Forwarding and trans-shipment of equipment/components up to the destination.
  - f) Insurance of Inland trans-shipment.
  - g) Receipt of equipment at site and handover safe custody to AAI till they are installed, tested and commissioned.
  - h) Execution, installation, integration, testing and commissioning of the installation as specified in the tender.
  - i) Handing over of installation after successful SAT to the authorized representative of AAI.
  - j) Guarantee/Warranty/CAMC at site as per specified terms and conditions of this tender.
- 7.7. Bidder firm quoting in HSS (High Sea Sale) shall be responsible to ship, custom clear and dispatch items to AAI site and shall include all such charges in its quote. If required AAI shall enter into an Agreement for supplies on High Sea Sale and all expenses to be borne by bidder firm shall be included in the price quoted. Nothing extra shall be paid.

- 7.8. Demurrage & Detention, forwarding & clearing/handling Charges, Coordination for Road permit, if required, payment of Inland Charges, other Central and State Govt. levies/duties/taxes etc... shall be included in its quoted price. Demurrage if any shall be to the account of Bidder firm. Bidder firm shall make all effort for expeditious clearing of supplied items from custom/government authorities.
- 7.9. Prices obtained/received on AAI e-tender portal through Opened Price Bids only shall be considered for price comparison.
- 7.10. Bidder firm has to include all types of taxes / levies/ patents charges/ anticipated taxation changes etc. and include in the quotes strictly as per tender directives.
- 7.11. **The bill/invoice generated against this SITC must depict the GSTN of AAI (Airports Authority of India) as detailed at PAGE-2. Invoice without AAI GSTN will not be processed for payment.**

**8 DOCUMENTS ESTABLISHING ITEMS CONFORMITY TO BID DOCUMENTS:**

**8.1** Pursuant to **Clause 6**, the bidder shall furnish, as part of his bid, documents establishing the conformity of his bid to the Bid document of all Items and services, which he proposes to supply under the Contract. Submission shall be as follows:

**8.1.1** The documentary evidence of the Items and services in conformity to the Bid Documents shall be in the form of literature, drawings and data that the Bidder shall furnish. These shall be attached as Annexure to the Compliance Statement as per **Clause 8.1.2 below**.

**8.1.2** Compliance Statement in Annexure-VII shall be in the format given below. Compliance Statement shall be one of the two statements viz. “Complied or “Not complied”. No other remark or comment will be accepted.

Sl.No.	Specification Ref	(Complied/Not Complied)

**8.1.3** Bidder must attach required technical brochures/literatures/data sheets for all the products asked in the tender to ensure that compliance to all the specifications given in the tender document can be verified. Non-availability of specifications (as mentioned in the tender document) in the brochure/literature will be treated as non-compliance and no clarifications shall be asked in this regard. If bidder fails to submit the required brochures/literatures along with the tender document, it shall be treated as non-compliance and may lead to outright rejection of bid submitted by bidder. No clarifications in this regard will be sought from the bidder.

**8.1.4** **The supporting documents downloaded from websites shall have the complete URL of the page in the header or footer.**

**8.1.5** **Each specification sought shall be marked or highlighted in the attached brochures / literatures / data sheets. The brochures / literatures / data sheets shall be superscripted with the Item Number and shall be arranged sequentially. The supporting documents shall carry all the required specifications and same shall be marked.**

**8.1.6** The compliance statement submitted as per clause 8.1.2 shall be duly supported by technical literature, equipment brochures & other related reports / documents from the OEM. The

compliance statement not supported by the documentary evidence shall not be considered. Such bids shall be considered as non-responsive and may result in rejection on technical grounds.

**8.1.7** The products offered by the bidder shall be supported and a letter from the prospective supplier in writing that the product offered is available in the market and will be supplied without any change in specifications & model during the currency of the contract shall be required.

**8.1.8** The product/configuration offered by the bidder must be standard and proven. Bidder shall submit a list of clients/locations where similar product/configuration is available. AAI, if so desire, may visit these locations to verify that all the specifications and operational requirements are met as mentioned in the tender document. Any non-compliance observed during such visits shall lead to rejection of bid.

## **9 PERIOD OF VALIDITY OF TENDER (BID)**

**9.1** The offered Bid shall remain valid for a minimum of 180 days from the date of opening of the technical bid. The bidder shall not be entitled, to revoke or cancel the offer or to vary any term thereof, during the said period of validity without the consent in writing of AAI. In case of the bidder revoking or canceling the offer or varying any term in regard thereof, the bidder's earnest money deposit shall be forfeited.

**9.2** If there is any delay in finalization due to unforeseen factors, all the bidders shall be asked to extend the validity for an appropriate period, specifying a date by which tender is expected to be finalized. However, the tender process shall not be vitiated if any tenderer declines to extend the offer as requested for. In case award of contract is not finalized within 150 days, AAI shall request the bidders to extend the validity of bid. If bidder does not extend bid then their bid shall not be considered for further evaluation.

## **10 FORMATS AND SIGNING OF BID :**

**10.1** The e-Bid shall be digitally signed by the bidder at e-tendering portal duly authorized to bind the bidder to the contract. Written power-of-attorney accompanying the bid shall indicate the letter of authorization. The person or persons signing the e-bid shall sign the bid, except for printed literature. The e-bid submitted shall be in properly in readable form and encrypted as per e-tendering portal requirements. Standard Printed terms and conditions of the company other than the NIT conditions shall not be considered.

### **D. SUBMISSION OF BID DOCUMENTS:**

## **11. SEALING AND MARKING OF BIDS :**

**11.1** The bidders shall digitally sign & encrypt their bids and upload the bid on line at CPP procurement portal.

**11.2** If all the envelopes are not digitally signed & encrypted the buyer shall not accept such open bids for evaluation purpose and treated as non-responsive. Such bid shall be liable to be rejected.

## **12. SUBMISSION OF BIDS :**

**12.1** The buyer shall receive the bids on line through CPP e-portal only not later than that the schedule date specified in the NIT.

12.2 The Buyer may, at its discretion extend this deadline for the submission of the bids by amending the bid documents in accordance with Clause 5 in which case all rights and obligations of the Buyer and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

12.3 The bidder shall submit his bid offer on line at CPP e-tender portal only. Digitally signed tender document downloaded from CPP e-tender portal shall be considered. No separate documents shall be valid. Only relevant attachments, if any other than the tender document, shall be listed out for reference.

**13. LATE BIDS :**

13.1 Any bid uploaded after the deadline e-portal system shall not permit uploading of bids after the schedule time of submission.

**14. CORRECTIONS / MODIFICATIONS AND WITHDRAWAL OF BIDS :**

14.1 The bidder may correct, modify his digitally signed bid after submission prior to the deadline, through provisions of e-tendering portal.

14.2 No bid shall be modified subsequent to the deadline for submission of bids.

**E BID OPENING AND EVALUATION:**

**15 OPENING OF BIDS:**

15.1 The Buyer shall open Bids online through e-portal as per schedule or as per intimation of Bid Opening Date & Time to bidders. Bidders or his authorized representatives who choose to attend on the opening date and time may do so if desired. The Bidder's representatives, who are present, shall sign the tender opening register. The bidder shall submit authority letter to this effect before they are allowed to participate in bid opening.

15.2 Maximum of two well-informed representatives of each eligible bidder shall only be allowed to attend the online opening of the bids.

15.3 Representative whose bid is not submitted/ rejected cannot attend the tender opening.

**16 CLARIFICATION / CONFIRMATION OF COMPLIANCE OF BIDS**

16.1 The general eligibility criteria shall be evaluated during preliminary stage and the vendors who have not submitted requisite documents shall be asked through CPP e-tendering portal or by email to substantiate their claims with documentary evidence before a given date failing which their bids shall not be considered further for detailed evaluation.

16.2 It may be noted that enquires / clarifications shall be responded only through e-tendering Portal. All such queries shall be entertained which are received on or before last date/time for submission of queries. AAI response will be uploaded through e-tendering portal. Written responses and no verbal / telephonic enquiry shall be entertained during the tender process.

**17 EVALUATIONS AND COMPARISON OF SUBSTANTIALLY RESPONSIVE BIDS:**

17.1 **Eligibility Evaluation:**

17.1.1 The eligibility criteria shall be evaluated after opening of eligibility bids. Clarifications if any shall be asked from bidders through CPP portal to substantiate their claims with documentary evidence before a given date, failing which their bids shall not be considered further for technical evaluation. Bids meeting eligibility criteria shall only be considered for technical bid opening.

**17.2 Technical Evaluation:**

17.2.1 The technical bids of the bidders found to be meeting all general eligibility criteria in the preliminary evaluation shall be evaluated further against the technical requirements of the tender. The requirements shall be verified against the manuals / technical literature submitted by the vendors. The vendors may be asked through CPP portal to substantiate their compliance submitted in the tender by suitable documentation from OEM wherever the same is lacking. The Technical evaluators on their own may download the information from the websites of the OEM(S) to verify the claims of the vendors. The technical Bids of the vendors who fail to substantiate their claim on meeting the technical requirements even after the above process shall be rejected.

17.2.2 AAI may seek performance report on a vendor for other clients whose reference are given in the tender. An adverse report from a client shall make the vendor technically Unfit leading to his rejection. The process of seeking performance report shall be kept confidential so that the vendor is not able to influence the process.

17.2.3 A short-list of bidders qualifying technically shall be drawn and thereafter these short-listed bids shall be treated at par for the purpose of financial comparison.

**18 OPENING OF THE FINANCIAL BIDS:**

18.1.1 Financial Bids of those vendors who qualify technically shall be opened electronically at CPP eportal in the on-line presence of the bidders. Time and date of opening shall be notified through CPP e-tendering portal.

18.1.2 The bidder shall issue authority letters to their representatives to attend the opening of financial bids if desired to be present at AAI premise.

18.1.3 In case of submission of erroneous or incorrect financial bid which led to the rejection of the bid, total bid submitted by the vendor/ tenderer will be summarily rejected.

18.1.4 AAI's decision in the evaluation process shall be final and binding on all Bidders.

18.1.5 The comparison for evaluation shall be of the total cost of the bid inclusive of all taxes, levies and charges.

**19 CONTACTING THE BUYER:**

19.1 Canvassing in any form in connection with the tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing are liable for rejection. Such rejected tenders will not be returned.

19.2 No bidder shall try to influence directly or through external source, the Buyer on any matter relating to its bid, from the time of publication of NIT till the time the contract is awarded.

- 19.3 Any effort by a bidder to influence the Buyer in the bid evaluation, bid comparison or contract award decisions shall result in the rejection of the bid, and such actions will be considered as bad performance for future Projects.

## 20 AWARD OF CONTRACT:

- 20.1 The acceptance of the tender will be intimated to the successful bidder by AAI, either by fax or by letter, e-portal.
- 20.2 The issue of a Works Order / Purchase Order shall constitute the intention of Buyer to enter into the contract with the bidder.
- 20.3 AAI shall be the sole judge in the matter of award of contract and decision of AAI shall be final and binding.
- 20.4 Acceptance of the Works order / Purchase Order will be deemed as effective from the date of issue of Works Order / Purchase Order. All formalities of submission of the Contract Performance Bank Guarantee in pursuant to clause 6 of section-III of NIT in the format attached Annexure II and signing of the contract shall be completed within fifteen (15) days of the issue of Work Order.

## 21 RIGHT TO ACCEPT OR REJECT THE TENDERS:

- 21.1 The right to accept the tender in full or in part/parts will rest with AAI. However, AAI does not bind itself to accept the lowest tender and reserves to it-self the authority to reject any or all the tenders received without assigning any reason whatsoever.
- 21.2 Tenders not accompanied with prescribed information or are incomplete in any respect, and/or not meeting prescribed conditions, shall be considered non-responsive and are liable to be rejected.
- 21.3 The Buyer reserves the right to accept or reject any bid or a part of the bid or to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds for the Buyer's action.
- 21.4 Pursuant to Clause 21.3 the documentation submitted by bidder shall not be returned unless the bidder explicitly states this request at the time of submission of the tender. AAI also reserves the right at its sole discretion not to award any order under the tender called. AAI shall not pay any costs incurred in the preparation and submission of any tender.
- 21.5 If the bidder gives wrong information in his Tender, AAI reserves the right to reject such tender at any stage or to cancel the contract, if awarded, and forfeit the Earnest Money.
- 21.6 **Tenders that are not accompanied with Earnest Money Deposit (EMD) Under taking (Bid-Security Declaration) as per Annexure-IIA1 shall be rejected.**
- 21.7 The information contained in the tender shall be to the point. The tenders containing information other than sought, with a motive to confuse or delay the finalization process are likely to be rejected.
- 21.8 Canvassing in any form in connection with the tenders is strictly prohibited and the tenders submitted by the Bidder firm who resort to canvassing are liable for rejection

- 21.9 Should a bidder have a relation or relations employed in AAI in the capacity of an officer or the authority inviting tender, the same shall be informed by the bidder. In the event of failure to inform and in a situation where it is established that the relation or relations employed in AAI has / have tried to influence the tender proceedings then AAI at its sole discretion may reject the tender or cancel the contract and forfeit the Earnest Money.
- 21.10 The requirements indicated in this NIT are the minimum and bids of the firms not complying with these minimum requirements or having deviations equivalents to the minimum requirements shall be rejected. However, higher than the minimum requirements shall be technically acceptable without any additional financial implication.
- 21.11 Any correspondence after the opening of the technical bid, from the bidder, regarding the bid unless specifically sought by AAI shall not be considered. Such post bid offers / clarifications may be liable for action as per clause 19 above.

**22 ISSUE OF WORKS ORDER:**

- 22.1 The acceptance of the tender will be intimated to the successful bidder by AAI, either by fax or by letter, e-portal.
- 22.2 The issue of a Works Order / Purchase Order shall constitute the intention of Buyer to enter into the contract with the bidder.
- 22.3 Acceptance of the Works order / Purchase Order will be deemed as effective from the date of issue of Works Order / Purchase Order. All formalities of submission of the Contract Performance Bank Guarantee in pursuant to clause 6 of section-III of NIT in the format attached as Annexure II and signing of the contract shall be completed within 15 days of the Work Order.
- 22.4 AAI shall be the sole judge in the matter of award of contract and decision of AAI shall be final and binding.

**23 SIGNING OF CONTRACT:**

- 23.1 The issue of Works Order / Purchase Order shall constitute the award of contract on the bidder. The signing of the Contract shall be completed within 15 days of the acceptance of the Works Order / Purchase Order.

**24 ANNULMENT OF AWARD:**

Failure of the successful bidder to comply with the requirement of Clause 23 shall constitute sufficient ground for the annulment of the award in which event the Buyer may make the award to any other bidder at his discretion or call for new bids.

**25 QUALITY ASSURANCE REQUIREMENTS:**

The supplier shall submit copies of Valid Certificates to ensure that all works comply with standards specified in the QRs.

**26 TRANSFER OF TENDER DOCUMENT :**

Transfer of Tender Documents by one bidder to another is not permissible. Similarly transfer of tenders submitted by one bidder in the name of another vendor is not permissible.

**27 CONTRACT MONITORING:**

- 27.1 The buyer shall hold regular contract monitoring meetings after the award of the contract to monitor the performance of the contract.

- 27.2 First such meeting shall be hold within one week of award of the contract. The date and time of such meeting shall be intimated to the contractor / supplier by fax. / post/e-mail. The date and time of subsequent meetings shall be decided and recorded in previous meetings.
- 27.3 The proceedings of each meeting shall be recorded and action as required towards successful completion of the project shall be initiated promptly by both AAI and the contractor. Project review meetings shall be with reference to mile stones and contract performance analysis.
- 27.4 Buyer shall communicate the readiness of the site(s) to the vendor& when the buyer is ready with the installation plans.

## **28 EXECUTION OF WORKS**

- (a) The works shall be carried out under the supervision and approval of the Dy. General Manager (CNS), Jammu Airport, Jammu-180003 or any other project officer nominated by AAI, as the case may be, according to the tender document to full AAI’s satisfaction which shall form part of references to the contract.
- (b) All supervision/additional works requirement justifications/ measurements/ performance shall be performed by AAI for each works.
- (c) All information’s regarding works at respective sites shall be brought to the notice of Dy. General Manager (CNS), Jammu Airport, Jammu-180003 as applicable for the sites.
- (d) The work, in the scope of this tender, is required to be executed within operational area of Jammu airport and operational area of Indian Air force adjoining with Jammu Airport, requiring Airport Entry passes and Air Force Entry passes of Technical Area for personnel working in the airport operational area as well as Indian Air force operational area, having appropriate police authority’s clearance. For Indian Air force operational area there shall be additional requirement of Intelligence clearance from Air Headquarter. Successful bidder shall be responsible to obtain Airport Entry Passes and from Bureau of Civil Aviation Security (BCAS)/AIRPORT Operator of that airport. Successful bidder shall also be responsible to obtain Air Force Entry passes of Technical Area for his staff/executive working for the project from Indian Air force. All cost and time for obtaining Airport Entry passes and Air Force Entry passes of Technical Area shall be to the account of the successful bidder.

## SECTION - III

### GENERAL TERMS & CONDITIONS OF THE CONTRACT

#### 1. Purpose & Scope

- 1.1 This document sets out the terms & conditions to be met in connection with the provision of **“Name of the work as given in Schedule-A Sr. No. 1”** to AAI for the work as per details given in the notice inviting Tender with specifications in Annexure-VII.
- 1.2 This tender document includes details like quantity, installation, commissioning (including Operating system & other software for the items as tendered for) & support services for maintenance, etc.
- 1.3 The hardware & software supplied against this tender must include all the modules, sub-modules and items required for installation, smooth performance and crash recovery of the software such as installation kit, CDs, Software Manuals, hardware sub-systems etc.

#### 2. Compliance:

- 2.1 The unconditional acceptance of all the terms & conditions of the NIT has to be submitted through a letter. The format of the letter is attached at Annexure-I.
- 2.2 The submission of the tender will imply acceptance of all the tender conditions by the bidder laid in tender document including all the Annexure(s) & schedules to the tender document.
- 2.3 The compliance to the terms & conditions should be supported by authenticated documentation wherever required.
- 2.4 **Each page of the Bid and cuttings / corrections shall be duly signed with stamp by the bidder.**
- 2.5 The submission of unconditional acceptance as described above is essential for the tender evaluation. The failure to submit the unconditional acceptance statement in the said format shall result in his tender being rejected.

#### 3. Language and Currency :

- 3.1 The bidder shall quote the rates in English language and international numerals. The rates shall be in whole numbers. The rates shall be written in both figures as well as in words. In case of disparity in figures & words, the rate in words will be considered. In case of any discrepancy or ambiguity in calculation, unit rate of each item shall be taken as the base for all calculations. In the event of the order being awarded, the language of all services, manuals, instructions, technical documentation etc. provided for under this contract will be English. The bidders should quote only in Indian Rupees and the bids in currencies other than Indian rupees shall not be accepted.

#### 4. Standard Conditions.

- 4.1 Standard printed conditions of the bidder to the offer, other than the conditions specified here, will not be acceptable.
- 4.2 For the purpose of the tender, the metric system of units shall be used.

- 4.3 All entries in the tender shall either be typed or be in ink. Erasures shall render such tenders liable to summarily rejection. The bidder shall duly attest all corrections, cancellation and insertions.
- 4.4 Bidder's offers shall be with reference to section and clause numbers given in the tender schedules.

**5. Earnest Money :**

- 5.1 The bidder required to submit the original Demand Draft for Tender Fee and EMD Under taking (Bid-Security Declaration) to Bid Manager, AAI as per Tender Otherwise the bids will be rejected outright.
- 5.2 Offline Submission of Original DD-Tender Fee, EMD under taking, BG etc. shall be submitted to the Bid Manager within stipulated Date & Time.
- 5.3 **Details of Bid Manager – contact no: - 0191- 2957995.**  
**Address: - DGM (CNS), O/o-Airport Director, Airports Authority of India, Civil Airport, Jammu-180003**
- 5.4 The original BG is required to be submitted to the Bid Manager within stipulated date and time.
- 5.5 In no scenario the vendors are required to submit or contact any AAI employee for physical submission of any documents before opening the bids. The tenders of the bidders, who fail to submit the Bank Guarantee, before the stipulated time shall be rejected outright.
- 5.6 If any successful bidder does not accept the work order or leaves the work in between then FIRM may also be debarred for minimum period of three years to participate in AAI tenders.

**6. Performance bank Guarantee.**

- 6.1 The successful bidder shall submit Contract performance guarantee (in lieu of Contract Performance security) for an amount equal to 3% of total order value during warranty period (02 years) and CAMC (post warranty) period. The guarantee shall be submitted within 30 calendar days of the issue of letter of acceptance of his bid, and will be valid till 90 days after the end of the period of contract (guarantee / warranty and CAMC period). **In case successful bidder fails to submit the PBG within stipulated period, interest @ 12% p.a. on performance Guarantee amount would be levied (non-refundable) for delayed period of submission and shall be deducted from First running Bill. In case, successful bidder fails to submit performance bank guarantee within 60 days, AAI reserve the right to cancel the order.**
- 6.2 The performance guarantee amount shall be payable to AAI without any condition whatsoever and the guarantee shall be irrevocable.
- 6.3 The performance guarantee shall be deemed to govern the following guarantees from the successful bidder, in addition to other provisions of the guarantee:
- 6.3.1 The Hardware / Software supplied under the contract shall be free from all defects / bugs and upon written notice from AAI, the successful bidder shall fully remedy, free of expenses to AAI

, all such defects / bug as developed under the normal use of the said hardware / software within the period of guarantee/Warranty.

- 6.3.2 The performance guarantee is intended to secure the performance of the entire system. However, it is not to be construed as limiting the damages stipulated in any other clause.
- 6.4 The performance guarantee will be returned to the successful bidder at the end of the period of liability without interest.
- 6.5 The bidder as per operation, installation, maintenance manuals and performance guarantee tests supplied by the successful bidder, will do the loading, installation & commissioning of systems. The successful bidder will be fully responsible for the guaranteed performance of the supplied systems and warranty obligations. In case of any problem after commissioning and during defect liability period the successful bidder will depute his supervisor(s) to AAI's site within 24 hours of intimation to remove all defects at contractor's cost.
- 6.6 **Penalty shall be levied for delay beyond the prescribed time limit; recovery shall be made @ 1% of the Annual Maintenance Charge per day; subject to a maximum value equal to 10% of the value of the Performance Bank Guarantee; can be imposed in case of delay in rectification of the problem in 72 hours.** The acceptance of valid reasons for non-compliance to 6.5 above shall rest with Competent Authority and his decision with regard to imposition of the fine shall be final. The fine shall be recovered from the Bank Guarantee.

## 7. Correspondence:

- 7.1 All correspondence would be directly with the bidder and correspondence through agents will not be entertained.

## 8. Testing and Inspection:

- 8.1 This testing / inspection shall be performed after the completion of installation of the parts. The inspectors shall verify the component level details during this testing and shall sign the installation report after successful completion of the post installation testing. Defects / shortcomings brought out in this testing shall have to be attended as per the contract within the permitted time schedule.
- 8.2 If any Item or any part thereof, before it is taken over under above testing/inspection clauses, is found defective or fails to fulfil the requirements of the contract, the consignee shall give the Contractor notice setting forth details of such defects or failure. The Contractor shall make the defective material good, or alter the same to make it comply with the requirements of the contract forthwith and in any case within a period not exceeding one month of the initial report. The replacements by the Contractor shall be made free of all charges at site. Should he fail to do so within this time, the Buyer reserves the discretion to reject and replace at the cost of the Contractor the whole or any portion of the items as the case may be, and that is defective or fails to fulfil the requirements of the contract. The cost of any such replacement made by the Buyer shall be deducted from the amount payable to the Supplier.
- 8.3 The testing & inspection as per above clauses in any way does not relieve the Contractor from any Warranty or other obligations under this contract.
- 8.4 Acceptance test procedure & programme for all the items shall be discussed and finalized after the award of the work in a joint meeting.

## 8.5 PATENTS, LIABILITY & COMPLIANCE OF REGULATIONS

- a) Bidder firm shall protect and fully indemnify AAI from any claims for infringement of patents, copy right, trade mark or the life in respect of all supplies.
- b) Bidder firm shall also protect and fully indemnify AAI from any claims from bidder firm’s workmen/employees, their heirs, dependents, representatives etc. or from any other person(s) or bodies/companies etc. for any act of commission or omission while executing the order.
- c) Bidder firm shall be responsible for compliance with all requirements under the Indian & International laws and shall protect and indemnify AAI completely from any claims/penalties arising out of any infringements by bidder firm or its workmen/employees.

## 9. Extension of Time :

- 9.1 This work is urgent and hence the completion period as per contract shall be adhered to strictly. However, in-case of extraordinary situations which may delay the completion of the project, the contractor shall apply for extension in time as per format contained in **Annexure-VI**.
- 9.2 AAI at its sole discretion may extend the time period for completion of the work without any prejudice to operate the penalty clauses provided for in the Tender Document. Such extension of time and the circumstances leading to the extension of time shall be communicated in writing to the contractor.

## 10. Compensation for Delay :

- 10.1 Time is the essence of the Contract.
- 10.2 If the successful bidder fails to complete the supply / work within time fixed under the contract, he shall pay to the AAI without prejudice to any other rights or remedy as may be available to the purchaser, **an agreed compensation amount calculated @ 1 % of the total value of the uncompleted portion of the work per week or part thereof subject to a maximum value equal to the 10% of Total Contract value**. Once the maximum is reached, the purchaser may consider termination of the contract, if the same have not been terminated already. Further, during the above mentioned delayed period of supply and/ or performance/services, the supplier, notwithstanding any stipulation in the contract for increase in price for any ground, shall not be entitled to any increase in price and cost, whatsoever, which take place during the period of delay. But, nevertheless, the purchaser shall be entitled to the benefit any decrease in price and cost on any ground during that period of delay.
- 10.3 The amount of compensation for delay and waiver of compensation for delay in case of justified reasons shall be decided at the discretion of Accepting Authority and the same shall be final and binding on the contractor. Time taken by AAI and local statutory authorities for approval of drawings, design, estimate etc, force majeure reasons and any other reasons beyond control of the contractor shall be considered as justified reasons. The amount of compensation may be adjusted or set off against any sum payable to the contractor under this or any other contract with AAI.
- 10.4 Appeal for waiver of compensation for delay with due justification shall be decided as per the provisions mentioned in Delegation of Powers (DOP) of Airports Authority of India. The decision of the competent authority on appeal shall be final and binding on the contractor.

**10.5** Each site will be treated independently for calculating compensation. The delay applicable in the project shall also be site specific. The contract value shall be calculated separately for each site for this purpose.

**11. Force Majeure :**

**11.1** AAI may grant an extension of time limit set for the completion of the work / repair in case the timely completion of the work is delayed by force majeure beyond the contractors control, subject to what is stated in the following sub paragraphs and to the procedures detailed there in being followed. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, flood, storms etc.), acts of states, the direct and indirect consequences of wars (Declared or un-declared), hostilities, national emergencies, civil commotion and strikes (only those which exceed a duration of ten continuous days) at successful Bidder's factory. The successful Bidder's right to an extension of the time limit for completion of the work in above-mentioned cases is subject to the following procedures.

**11.2** That within 10 days after the occurrence of a case of force Majeure but before the expiry of the stipulated date of completion, the bidder informs the AAI in writing about the occurrence of Force Majeure Condition (as per Annexure-V to the tender document) and that the Bidder considers himself entitled to an extension of the time limit. The contractor shall submit the application for extension of time as attached in Annexure-V.

**11.3** That the contractor produces evidence of the date of occurrence and the duration of the force majeure in an adequate manner by means of documents drawn up by responsible authorities.

**11.4** That the contractor proves that the said conditions have actually been interfered with the carrying out of the contract.

**11.5** That the contractor proves that the delay occurred is not due to his own action or lack of action.

**11.6** Apart from the extension of the time limit, force majeure does not entitle the successful bidder to any relaxation or to any compensation of damage or loss suffered.

**12. Patents, Successful bidder's Liability & Compliance of Regulations**

**12.1** Successful bidder shall protect and fully indemnify the AAI from any claims for infringement of patents, copyright, trademark, license violation or the like.

**12.2** Successful bidder shall also protect and fully indemnify the AAI from any claims from successful bidder's workmen/employees, their heirs, dependents, representatives etc or from any person(s) or bodies/ companies etc. for any act of commission or omission while executing the order.

**12.3** Successful bidder shall be responsible for compliance with all requirements under the laws and shall protect and indemnify completely the AAI from any claims/penalties arising out of any infringements and indemnify completely the AAI from any claims/penalties arising out of any infringements.

**13. Settlement of Disputes:**

**13.1** If a dispute of any kind what so ever arises between the AAI and the 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 after termination of the contract, including any disagreement by either party with any action, inaction, opinion, instruction, determination, certificate or valuation of the Project Leader or his nominee, the matter in dispute shall, in first place be referred to the Airport Director, Jammu who shall act as the conciliator on the matter. The disputes will firstly be settled by the Conciliator, failing which matter shall be referred to Dispute Resolution Committee (DRC) appointed by the Regional Executive Director (NR), Airports Authority of India. 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.

- 13.2** Unless the Contract has already been repudiated or terminated the Contractor shall in every case, continue to proceed with the works with all due diligence and the Contractor and AAI shall give effect forthwith to every decision of the Project Leader or his nominee unless and until the same shall be revised, as here in after provided, by the Conciliator or in an Arbitral Award.

**14. Arbitration and Law:**

- 14.1** All disputes and differences arising out of or in any way touching or concerning this contract (except where otherwise provided for in the contract) shall be referred to the arbitration of the Airport Director, Airports Authority of India, Civil Airport, Jammu-180003. The award of the Arbitrator shall be final and binding on both the parties. It will be no bar if the Arbitrator appointed as aforesaid is or has been an employee of the Authority and the appointment of the Arbitrator will not be challenged or be open to question in any Court of Law, on this account.

**Effect and Jurisdiction of Contract:**

The contract shall be considered as having come in to force from the date of issue of letter of the award of the contract by AAI. The law applicable to this contract shall be the law enforced in Jammu and Kashmir. The courts in Jammu shall have the exclusive jurisdiction in all matters arising under this contract.

**15. TERMINATION FOR DEFAULT & RISK PURCHASE :**

- 15.1** The AAI may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the Contractor, terminate this Contract in whole or in part in any or the following events.

15.1(a) If the Contractor fails to deliver any or all of the Items within the time period(s) specified in the Contract or any extension thereof granted by the AAI pursuant to Clause 9 of Section - III.

15.1 (b) If the Contractor fails to perform any other obligation(s) under Contract.

- 15.2** If the Contractor, in either of the above circumstances, does not remedy his failure within a period of 30 days (or such longer period as AAI may authorize in writing) after receipt of the default notice from AAI.

- 15.3** As a penalty to the Contractor the AAI shall en-cash Contract Performance Bank Guarantee. The AAI in such case shall pay for the assessed value of the executed work that can be used. No payment shall be made for the efforts put in by the Contractor in case the same are of no value to AAI. The balance unfinished work of the project will be got done by fresh tendering on Contractor's risk and that extra expenditure will be recovered.

**16. TERMINATION FOR INSOLVENCY:**

- 16.1** The AAI may at any time terminate the Contract by giving written notice to the supplier, without compensation to the Contractor, if the Contractor becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or affect any right

or action or remedy which has accrued or will accrue thereafter to AAI. In the event of termination for penalty to the contractor Clause 16.3 shall be applicable.

**17. Damage to AAI Life and Property or Private Life and Property: -**

**17.1** The contractor shall be responsible for any loss, destruction, damage or deterioration caused in whether to the works/ equipment/goods and facilities themselves or to any other lives, persons or property of the Airports Authority of India(AAI) or the lives, persons or property of others from whatsoever cause in connection with the works/contractual implementation and thereafter during complete defect liability period caused by the contractor/contractor's workmen. All reasonable and proper precautions may have been taken by the Contractor. The contractor shall be liable for all loss, destruction, damage or deterioration to such property from whatever cause happening by the contractor/contractor's workmen. The monetary/non-monetary penalty for such losses may be levied upon contractor by the purchaser. The quantum of loss shall be decided by appropriate authority/committee of the purchaser and shall be binding upon contractor. The monetary/nonmonetary penalties foreseen in this clause shall not hinder purchase's requirements for a compensation of all other damages caused. The AAI shall have the power and right to pay or to defend or compromise any claim of threatened legal proceedings or in anticipation of legal proceedings being instituted consequent on the action or default of the Contractor, to take such steps as may be considered necessary or desirable to ward off or mitigate the effect of such proceedings, charging to Contractor, as aforesaid, any sum or sums of money which may be paid and any expenses whether for reinstatement or otherwise which may be incurred and the propriety of any such payment, defense or compromise, and the incurring of any such expenses shall not be called in question by the Contractor.

**18. SET OFF:**

**18.1** Any sum of money due and payable to the contractor (including security deposit refundable to him) under this contract may be appropriated by the Buyer to set off the same against any claim of the Buyer for payment of a sum of money arising out of this contract made by the Contractor with Buyer.

**19. Deviation in Quantity :**

**19.1** AAI reserves the right to change the quantity or part thereof to be supplied by +/-30% of the tendered quantity (for item/site specific measurable length) but within the overall deviation limit of 10% of the contract value.

**19.2** AAI also reserves the right to purchase Extra item, Substitute items as per site requirements up to the overall limit of 10% of the contract value.

**19.3** The overall deviation, Extra item or the substitute items taken together shall not exceed 10% of the contract value unless until it is mutually agreed by both the parties and a specific order is placed on the vendor in this regard.

**19.4** Any deviation in the quantity over the tendered quantity shall be paid according to the lowest rate of the individual item(s) rate quoted by bidder.

**19.5** If there is any deviation in quantity, exceeding the quantity mentioned in Clause 20.1 of this section, there the rate of the individual item on the exceeded part (apart from the deviation quantity mentioned in Clause 20.1) shall be paid as per market value and rate quoted by bidder whichever is less subject to mutually agreed by both the parties.

- 19.6** Modification, change request, up-gradation etc w.r.t software application shall be covered under scope of work during contract as a capital item.

**20. CPP E-Tender portal:**

- a. Tender process shall be through CPP-E Tender portal. Equivalent terms and condition of contract for CPP E Tender portal system shall be followed, where statement/ condition is made/suits for manual system.

**21.** Following clause on limitation of liability include (Additional Clause)

- a. Notwithstanding any other term, there shall be no limitation of liability in case of any damages for bodily injury (including death) and damage to real property and tangible personal property due to gross negligence and willful misconduct of the contractor or his employees.
- b. “In case of Court verdict either party found liable for any claim during the contract period shall be liable for due fulfillment of such verdict. Also party will not be liable for any indirect and consequential damages. (Applicable for both parties.)
- c. In all other cases not covered above the total liability under the terms of this Agreement shall not exceed the contract value.
- d. AAI will separately ask the bidders to specify the applicable taxes. The prices are to be quoted inclusive of all taxes as applicable on the date of submission of the tender in the format given on the e tender portal. Any variation in applicable taxes for the Govt. of India post submission of bids shall be payable as per actual. This will be subject to submission of proof of taxes applicable.

**22. FORECLOSURE & TERMINATION OF CONTRACT AT PURCHASER’S INITIATIVE**

- a. The AAI reserves the right to terminate the contract either in part or in full due to the reasons other than specified herein in this tender, in fact, not for convenience and also if there is any violation to the terms & conditions of the tender, if the services are not as per the terms & conditions, if the works and materials supplied are not found satisfactory, any unforeseen circumstances arisen during Contract period, with or without forfeiting of SD/PBG. Then AAI shall in such an event give 15 calendar days’ notice in writing to the bidder firm of their decision to do so.
- b. The bidder firm upon receipt of such notice under Section III Clause 23 Sub clause 23.1, shall discontinue the work on the date and to the extent specified in the notice, make all reasonable efforts to obtain cancellation of all orders and contracts, to the extent they are related to the works terminated, at terms satisfactory to the AAI, stop all further subcontracting or purchasing activity related to the work terminated, and assist the AAI in maintenance protection, and disposition of the works acquired under the contract by the AAI.

**24 Guarantee/Warranty and CAMC (Comprehensive Annual Maintenance Contract)**

**Terms & Conditions** for “SITC of Radio Link for Nav-aids site at Jammu Airport with Two-year warranty and post warranty Comprehensive Annual Maintenance Contract (CAMC) for Three Years (03)”. Under the purview of this contract there shall be inclusive of all Equipments and accessories.

25 The Contractor shall carry out the maintenance of Equipments and its accessories at Jammu Airport which includes the preventive maintenance, corrective/breakdown maintenance, spares and consumables during the **Guarantee/Warranty and CAMC** (Comprehensive Annual Maintenance Contract). The terms & conditions of areas under:

(a). The preventive maintenance, corrective/breakdown maintenance, spares, consumables and software for 100% serviceability of Equipments and its accessories at Jammu Airport shall be provided by the contractor during contract period within the awarded cost. No extra charges whatsoever, other than awarded cost as per terms and conditions specified in contract, shall be paid by AAI with regard to maintenance, as mentioned above, of Equipments System and its accessories.

(b). Preventive maintenance shall be carried out quarterly (03 Three monthly) basis at Jammu Airport during the complete defect liability period (for a period of one (03) year warranty and 03 year CAMC (post warranty) from the date of commissioning as per Section IV Clause 5 Sub clause 5.1. It shall be done as per the maintenance procedures as prescribed in preventive maintenance schedule. Maintenance procedure and maintenance schedule shall be provided after successful completion of commissioning of the work.

(c). Corrective/Breakdown maintenance shall be provided during all days of contract period. Contractor shall visit AAI premises as many times as Breakdown complaints of Equipments System are received and repair the system. Repair/Replacements of all faulty components, PCBs, battery, spare-parts, Consumables, critical parts, software etc. of Equipments and its accessories are included in the awarded cost.

(d). The contractor shall maintain the equipment as per manufacturer's guidelines and shall use standard components for replacement. All the spares parts, consumables etc. for the equipment under the contract will strictly conform to the specifications and will be identical to the corresponding main equipment/components and shall be fully interchangeable. The contractor shall ensure that all components and spares utilized for the maintenance of equipment will be free from defects in design, material and workmanship.

(e). Until and unless permission from the Authority is obtained in writing, the original specifications/system characteristics shall not be changed.

(f). The Contractor and AAI shall maintain Preventive / Corrective/ Break down maintenance record, countersigned by AAI representatives. Every time the maintenance is carried out at site; the specific Proforma (For corrective/Breakdown/Preventive maintenance) shall be duly filled (in duplicate) by service engineer. Proforma shall be signed by the service engineer of the contractor and AAI representative at site. One copy of this Proforma shall be handed over to AAI representative, who shall preserve it as maintenance record and other copy shall be retained by the contractor. The preventive maintenance operations, as indicated in schedule, shall be complied by service engineer during preventive maintenance of Equipments system & its accessories at each site and accordingly the entry shall be made against each activity in the Proforma.

(g). The contractor shall deploy sufficient trained manpower of appropriate level so that the preventive and breakdown maintenance can be carried out efficiently with minimum down time. Entire contractor's staff, deployed for this work, shall be competent to handle and efficiently maintain the equipment.

(h). The Contractor shall maintain sufficient inventory (spares and consumables of Equipments) to ensure that preventive and breakdown maintenance can be carried out efficiently with minimum down time. The critical spares and consumables may be kept in stock at site for minimum down time.

- (i). In case of any breakdown of the equipment, the AMC Contractor personal shall report at site within 24 Hours (of lodging the complaint) and set right the system to the satisfaction of the AAI representative at site, within 48 hours after reporting to attend the complaint (i.e. total= 72 Hours - 24 hrs. for reporting & 48 hours after that for attending).
- (j). AMC Contractor and AAI shall follow the complaint lodging &, monitoring mechanism, as mentioned below, for serviceability of “Equipments and its accessories”: - Complaint shall be lodged at telephone no./Email/Fax (to be provided by contractor)-. Complaints shall be lodged at this telephone no. by AAI representatives indicating details of unserviceability i.e. Sl. no. of equipment, nature of fault observed etc. The complaint shall be acknowledged by firm’s representative by giving complaint/docket no. Any change in Address, Telephone no. shall be intimated in advance.
- (k). If at any stage the contractor fails to provide satisfactory service, AAI shall terminate the contract by giving one month's notice and security deposit shall be forfeited. Any damage to the system/equipment and its accessories shall be rectified by AAI on the contractor's risk and cost.
- (l). Test equipment, tools, cleaning material, spare parts etc. shall be the responsibility of the contractor.
- (m). The contractor shall maintain the Equipments for 100% serviceability throughout the contract period. However, the time taken for preventive maintenance will not be considered as down time.
- (n). The repairs/maintenance of equipment is to be carried out at site. In case of a defect in equipment/its accessories, necessitating major repairs at the service centre of the contractor, the same may be taken to service centre under intimation to the CNS/Nav-aids site in charge of the respective airport. In such cases, all expenditure and arrangement to dispatch repair and return of the equipment/sub-assembly shall be borne/ carried out by the contractor. Penalty shall be levied for delay beyond the prescribed time limit; recovery shall be made @ 1% of the Annual Maintenance Charge per day subject to a maximum value equal to 10% of the value of the Performance Bank Guarantee can be imposed in case of delay in rectification of the problem in 72 hours. The original equipment has to be reinstated at site after the repairs have been carried out at service centre at the earliest.
- (o). AAI shall allow module level replacement but shall not allow any kind of component level repairs in systems accessories at site. It is therefore necessary that sufficient stock of spares is kept with the maintenance engineer of the contractor, so that un-serviceability can be attended by the method of replacement in order to have minimum down time. The equipment and its accessories shall be handed over to AAI in fully serviceable condition on expiry/termination of the contract.
- (p). The contractor shall take care of labour regulations and is required to follow all the guidelines prescribed by concerned authorities i.e. Regional Labour Commissioner/ Central Advisory Contract Labour Board etc. The contractor shall comply with the provision of Employees provident fund and Miscellaneous Provisions Act 1952, the Employees State Insurance (ESI) Act, 1948, the Contract Labour (Regularization & Abolition ) Act 1970, Contract Labour (Regulation and Abolition ) central Rules 1971, the Inter-State Migrant workman (Regulation of Employment & conditions of Service) Act 1979, minimum wages act thereof Central and State Governments and the other relevant Act, Rules and Regulations, Instructions etc. issued/enforced from time to time.
- (q). Obtaining of entry pass as per Section II Clause 28 Sub clause d to the Airport premises/Air force Technical Area for contractor and his staff shall be the responsibility of AAI as well as the contractor. Any fees/expenditure, applicable for issue of passes, should be borne by the contractor and in case

police verification and any other requirements etc., required for its staff, shall be the responsibility of contractor. AAI shall provide assistance such as necessary documentation & attestation of forms etc. for issue of entry passes.

(r). The contractor shall maintain all the system to the entire satisfaction of the AAI Engineer-in-Charge. Since on completion of the contract period (expiry of contract/termination of contract), the equipment is to be handed over to AAI in fully serviceable condition, it will be tested for its 100% serviceability by AAI representative and contractor’s representative at site. In case any spares are required to be replaced or any rectification is required to be carried out for satisfactory performance of the System/equipment, the contractor at their cost shall carry out the same.

(s). In case any of the personnel deputed by the contractor is found indulging in theft/pilferage or any other misdeed or any other undesirable activities, the contractor shall ensure that the services of the concerned staff are dispensed with immediate effect under intimation to the Authority. This will be without prejudice to any other liability to AAI, arising out of court directions/claims etc. on account of such misdeeds.

(t). The contractor will not be liable for any damages arising out of War, riots and natural calamity such as fire, storm, earthquake etc.

(u). DEFECTS LIABILITY PERIOD: As per Section IV Clause 5 Sub clause 5.1, Since on completion of the contract period (expiry of contract/termination of contract), the system and its accessories at each site, shall be handed over to AAI in fully serviceable condition, it shall be liability of the contractor to repair the Equipments (& its accessories) for any defects, observed during handing over and make them fully serviceable. The rectification/ repairing of the Equipments or its accessories shall be carried out by the contractor within 07 days of receipt of such notice from the Engineer-in-Charge, otherwise, the Engineerin-Charge reserves the right to get the repair work executed at the risk and cost of contractor. The Contractor shall not be entitled for any extra payment whatsoever on account of above conditions of contract.

(v). SERVICES TO BE PROVIDED BY AAI:

(1). AAI will provide space for the workman to perform maintenance duties free of cost.

(2). Free electricity for CAMC (Comprehensive Annual Maintenance Contract) related works and water shall be provided. Electric supply, A.C., Single phase/3 phase, if required, for works shall be made available at one point by the Authority at the site of work. The contractor shall provide all necessary connections, cable, fittings etc. from the main switch onwards, in order to ensure a proper and suitable supply of electricity for the execution of work. The Authority does not guarantee continuity of supply and no compensation whatsoever shall be allowed for supply becoming intermittent or for breakdown in the system.

(w). CORRUPT PRACTICES

The contractor shall not offer or give or agree to give to any person in the employment of AAI (the Purchaser) or working under the orders of the Purchaser any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or having done or for borne to do any act in relation to the obtaining or execution of the contract or any other contract with the purchaser or for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the purchaser. Any breach of the aforesaid condition by the Contractor, or any one employed by him or acting on his behalf whether with or without the knowledge of the

Contractor, or by any one employed by him or acting on his behalf shall entitle the Purchaser to cancel the Contract and all or any other Contracts with the Contractor and to recover from the Contractor the amount of any loss arising from such cancellation in accordance with the provisions of this contract.

## **26 MISCELLANEOUS**

- a) In addition to the above any other information / description, the bidder firm may wish to provide, like the features / performance figures specified / indicated shall be with supporting documents / calculations. All figures indicated by the bidder firm must be fully qualified and subject to co-ordinate performance.
- b) Price applicable at the time of placement of purchase order for the equipment and accessories shall be valid for the period of concurrency of contract and any extension sought/granted by AAI or one year from the date of award of contract, whichever is later.
- c) AAI reserves the right to place repeat order, with the same terms & conditions as for the first order, and the quantity of repeat order shall not exceed **+/- 30%** of quantity supplied in the original order.

## SECTION – IV

### SPECIAL CONDITIONS OF THE CONTRACT

#### 1. Standards

- 1.1 All designs, codes, developing platforms, developing techniques and workmanship shall be in accordance with the highest accepted international standards for this type of work.
- 1.2 The bidder shall also state, where applicable, the National or other International standard(s) to which the whole, or any specific part, of the system, software, or training complies.
- 1.3 All the items offered must be standard and proven products which are already available in the market. The products assembled to meet the specifications of the tender shall not be acceptable.
- 1.4 The offered items shall not be declared as end of life, it shall be currently under production and the supplies/items shall maintain 99.99% availability 99.99% reliably from the date of start of contract to firm(s) by AAI.

#### 2 Time Schedule

- 2.1 The work as per the Notice Inviting Tender shall be completed within (As per Schedule-A Sr. No. 4) days of placement of firm order from AAI or as per the schedule submitted by the bidder whichever is less.
- 2.2 Effective Date of this SITC is acceptance date of work order.
- 2.3 Firm/bidder has to submit the dully signed/stamped copy of work order as its acceptance within 03 days by e-mail/FAX along with Letter of Intent.
- 2.4 Successful bidder has to sign the agreement and complete other formalities within 07 days from the date of acceptance of the work order. The cost of stamp paper shall be borne by bidder.
- 2.5 **Completion of SITC: 60 Calendar days from the effective date.**

#### 3 Delay, Non-Conformance & Liquidated Damages

- 3.1 In case of delay in completion of the contract or each milestone of contract for supplies and Installation, liquidated damages (L.D.) shall be levied @ 1% of the total value of the uncompleted portion of work per week (part of week to be treated as one week) subject to a maximum of 10% of total contract value. Once the maximum is reached, the purchaser may consider termination of the contract, if the same have not been terminated already. Further, during the above mentioned delayed period of supply and/ or performance/services, the supplier, notwithstanding any stipulation in the contract for increase in price for any ground, shall not be entitled to any increase in price and cost, whatsoever, which take place during the period of delay. But, nevertheless, the purchaser shall be entitled to the benefit any decrease in price and cost on any ground during that period of delay.
- 3.2 AAI, if satisfied, that the works can be completed by the bidder firm within a reasonable time after the specified time for completion, may allow further extension of time at its discretion with or without the levy of L.D.
- 3.3 In the event of extension granted with levy of L.D., AAI shall be entitled without prejudice to any other right or remedy available in that behalf, to recover from the bidder firm an agreed compensation amount calculated @ 1% of the total value of the uncompleted portion of work per week or part thereof subject to a maximum of 10% of total contract value. Once the maximum is reached, the purchaser may consider termination of the contract, if the same have not been terminated already. Further, during the above mentioned delayed period of supply and/ or

performance/services, the supplier, notwithstanding any stipulation in the contract for increase in price for any ground, shall not be entitled to any increase in price and cost, whatsoever, which take place during the period of delay. But, nevertheless, the purchaser shall be entitled to the benefit any decrease in price and cost on any ground during that period of delay.

In case of the above time scheduled including levy of compensation for late delivery of systems as contained in of Section-III of the tender document not being adhered to, AAI has the right to cancel the order wholly or in part thereof without any liability to cancellation charges and procure the goods / software elsewhere in which case the successful bidder shall make good the difference in the cost of goods procured elsewhere and price set forth in the order with the successful bidder.

#### **4 Payment terms**

4.1 No mobilization advance shall be paid.

4.2 The payment shall be released to the Contractor on submission of documents as below.

4.2.1 Bills (Invoices) in duplicate

4.2.2 Delivery Challan in original

4.2.3 Original receipt from the Consignee for completion of delivery in good condition 4.2.4

Inspection certificate in original as applicable

4.3 Payment for each of the services / works to the contractor shall be made in the following stages consisting with the work done.

4.4 The payment of (60 %) of the cost of the capital item equipment(s) as per bill of material & 100% taxes shall be released against the delivery of items at site as per the order and their inspection by AAI after delivery.

4.5 The payment of (20 %) of the cost of the equipment as per bill of material shall be released against the completion of installations of the items at site as per the order.

4.6 The balance (20%) of the payment towards the cost of the equipment and installation commissioning charges shall be released after the Site Acceptance Test of the items, Letter w.r.t Undertaking of Authenticity (Annexure-IIA) from OEM of items mentioned in Bill of Material Project Documentation, Performance Bank Guarantee by AAI.

4.6.1 **Payment during Comprehensive Annual Maintenance Contract (CAMC) Period:** -Payment during CAMC period shall be made on quarterly (03 monthly) basis after successful completion work certificate issued by AAI. The 100% of the charges minus the penalties/recoveries if any shall be paid after the successful completion of each quarter and on satisfactory performance certification from the Maintenance Incharge.

4.6.2 Periodical Performance review shall also be carried from time to time even during period of contract; even contract may be terminated at any time without assigning any reasons.

4.7 Payment shall be made as per actual, measurement or assessment of requirement basis.

4.8 Payments towards the cabling components shall be made as per actual subject to jointly measure by AAI and Bidder after successful completion of the work.

4.9 TDS shall be deducted as per GoI rules applicable from to time during period of contract.

#### **5 Guarantee / Warranty/CAMC and other conditions:**

5.1 Complete Hardware/Software shall be under contract period against all defects/bugs and for a satisfactory performance, as per all the listed features, for a period of Two (02) year warranty and

03 year CAMC (post warranty) from the date of commissioning. Total defect liability period shall be for five (05) years from the date of commissioning.

- 5.2 The bidder shall attend at his own expense and get the defect/bugs removed in the systems as detected by AAI during the period of warranty.

## **6 Substitution & Wrong Supplies**

Unauthorized/Pirated substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or old versions shall be returned to the successful bidder at his cost and risk. Vendor shall ensure the genuine items shall be supplied against our work order. An undertaking shall also be submitted in this regard at the time of supply of items

## **7 Dispatch of Documents**

- 7.1 Pre-receipted Bills in triplicate at each stage of payment.
- 7.2 Copy of the Delivery Challan.
- 7.3 Copy of the Inspection report (if inspection carried out as a part of the Contract).
- 7.4 Duly certified Installation / Commissioning Certificate with the final bills.
- 7.5 Any other Document.

## **8 Technical Manual**

- 8.1 The bidder shall supply complete set of technical/ operations and maintenance manuals (as applicable) along with the delivery. The cost of such manuals supplied will be included in the cost of the system.

## **9 Change of Model**

- 9.1 No change of model after the placement of order shall be entertained unless the alternate model offered are equivalent or higher in specifications and approval of the competent authority has been obtained in writing for such a change of model before the delivery of the product. Delivery of the alternate product without such an approval shall not be accepted and AAI shall not be responsible for any delay in delivery schedule on this account.

## **10 Training**

Training shall be provided by the successful bidder to the concerned officials as nominated by the In charge/Project manager at the site after installation of the system at the site. The Bidder shall provide System/Networking training of at least to a batch of minimum 05 Executives. The objective of this training is to impart knowledge and skills to the executives to install, configure, operate and troubleshoot the Layer3/layer 2 type switched network and various components of this network.

- 11 The entire work has to be executed with total responsibility by bidder firm. All necessary technical completeness shall be ensured by the bidder firm at the time of quoting/ completion of works.
- 12 The bidder firm may survey at its own cost and risk at site to understand the intricacies involved in carrying out work as per scope of tender.
- 13 Two sets of detailed Documentation is to be provided by the successful bidder including Technical maintenance, operation & system manual with CD, as per specifications.

- 13.1 The vendor should deploy well trained personnel at the site. AAI shall not be responsible for any incident or accident happening at the site due to the negligence of the personnel deployed by the bidder. The bidder shall absolve AAI against all such claims.

## CHECK LIST

**Name of Work: SITC of RADIO LINK FOR NAV-AIDS SITE at Jammu Airport.**

- 1. Eligibility Bid: Eligibility bid shall contain scanned copy of stamped and signed on each page by bidder of the following documents.**

Sl no.	Eligibility Bid e-Documents (PDF)	Enclosure Check List	Yes/No
<b>A</b>	GST (as Applicable),PAN	Enclosed	
<b>B</b>	Proof of Experience of Works claimed. (PO / Work Order issued by the customer)	Enclosed	
<b>C</b>	Proof of completion (Completion Certificate issued by the customer) with complete details of works claimed	Enclosed	
<b>C.1</b>	a) Name & scope of work. b) Date & No. of contract/order. c) Contract Value/quantity. d) Date of completion of Works. e) Complete address of site (s) f) Performance satisfactory statement of SITC.	Enclosed	
<b>D</b>	A letter of bidder having details of customer of works claimed for experience including postal address, official Phone Number, Email Address and URL (if any).	Enclosed	
<b>E</b>	List of client references with contact details including Email Ids.	Enclosed	
<b>F</b>	Articles of Memorandum of Association or Partnership Deed or Proprietorship Deed.	Enclosed	
<b>H</b>	Audited Balance Sheet during last three years ending 31 <sup>st</sup> March 2018.	Enclosed	
<b>I</b>	Letter for Un-conditional Acceptance of terms & conditions of tender as per as Annexure-I on Company's Letter head.	Enclosed	
<b>J</b>	Power of Attorney (In case of Signatory is other than Director of a Company or Proprietor / Partner of the Firm)	Enclosed	
<b>K</b>	In case of OEM, Proof of being OEM. In case of Authorized Representative/ Authorized System Integrator ( <b>MAF-1</b> ), OEM Authorization ( <b>MAF-2</b> )for all items as per Bill of Material & Toll free number (India)details for technical assistance.	<b>Enclosed</b>	
<b>L</b>	Certificates if any one listed	Enclosed	
<b>M</b>	Details of the Vendor Firm/ Company: Format enclosed as Annexure-VIII of the tender document	Enclosed	
<b>N</b>	Undertaking w.r.t Annexure-(IIb, IIc, IId, IIe, ) on Rs.100 Non Judicial Stamp Paper.	Enclosed	
<b>O</b>	Undertaking for Submitting Bid in (Annexure – II G)	Enclosed	
<b>P</b>	Undertakings (Annexure – XIV)	Enclosed	
<b>Q</b>	EMD Under taking (Bid-Security Declaration).	Enclosed	
<b>R</b>	Scanned Copy of Tender Fee payment	Enclosed	
<b>S</b>	Bank Details of the Bidder for Payment (Annexure XV)	Enclosed	
<b>T</b>	Any other eligibility related documents as per tender Document.	Enclosed	

2. **Technical Bid:** Technical bid shall contain *scanned copy of stamped and signed on each page by bidder of the following documents.*

Sl. No.	Technical Bid e-Documents (PDF)	Enclosure Check List	Yes/No
<b>A</b>	Qualified Support Staff List for Installation as per Annexure –III	Enclosed	
<b>B</b>	List of make & Models offered in the tender as per Annexure-IV.	Enclosed	
<b>C</b>	Duly Filled Compliance Statement as per Annexure – VII and Section-V with supporting documents/literature.	Enclosed	
<b>D</b>	Supporting Documents/ Brochures/Literature in support of technical specifications should be clearly highlighted with specifications serial numbers as per Annexure –VII.	Enclosed	
<b>E</b>	Signed Tender Document including Corrigendum’s (if any)	Enclosed	

### 3. Financial Bid

Sr.no.	Qualifying Criteria	Ensure Check List	Yes/No
<b>1.</b>	<b>Financial Bid Submitted through e-portal</b>	<b>Enclosed</b>	

## **SECTION – V**

### **(Scope of work)**

**[Compliance Statement Annexure-VII to be submitted with Technical bid as per relevant 8.1.2 of section-II of Tender Document]**

#### **1.1 Scope of work**

- 1) Supply, Installation, Integration, Testing, Commissioning and CAMC** of Network PASSIVE Components such as SFTP, CAT 6A U/FTP, LIUs, Patch Panel, Racks, conduits/trays, associated accessories etc. using latest in design technology, integrated & equipped with all items / sub-systems/ sub-equipment / accessories, as specified in this tender at sites listed in this tender, as per Terms & Conditions and minimum technical requirements/specifications along with 02 year Onsite Operational Performance Maintenance Warranty (OOPMW) and post warranty onsite CAMC (Comprehensive Annual Maintenance Contract) for Three Years (03).
- 2) Supply, Installation, Integration, Testing, Commissioning and CAMC** of all active Network Components such as Radios, Switches, RS 232/422 to Ethernet Converters, Intercom (Voice Data) and associated accessories etc. using latest in design technology, integrated & equipped with all items / sub-systems/ sub-equipment / accessories as specified in this tender at sites listed in this tender, as per Terms & Conditions and minimum technical requirements/specifications along with 02 year Onsite Operational Performance Maintenance Warranty (OOPMW) and post warranty onsite CAMC (Comprehensive Annual Maintenance Contract) for Three Years (03).
- 3) Supply, Installation, Integration, Testing, Commissioning and CAMC** various other items, tools, components required at respective site/sites as specified in this tender at sites listed in this tender, as per Terms & Conditions and minimum technical requirements/specifications along with 02 year Onsite Operational Performance Maintenance Warranty (OOPMW) and post warranty onsite CAMC (Comprehensive Annual Maintenance Contract) for Three Years (03).
- 4) INTEGRATION WITH EXISTING SYSTEMS/NETWORKS:** Integration of the systems/network/components offered under this tender with the various existing systems/networks of AAI at the site for two-way data communication. The integration shall be done with the system/network of AAI as detailed but not limited to:
  - a) Integration of the proposed network components with the existing Network wherever required.
  - b) Integration of each sites Radio & network components with the navigation Aids/ /systems.
  - c) Any other system/network as required by AAI during the concurrency of the contract.
- 5)** All the items mentioned in Schedule-B (BOM) – Warranty: – Must be quoted with Two year comprehensive replacement or replacement warranty provided by OEM whichever is higher. There shall be post warranty onsite CAMC (Comprehensive Annual Maintenance Contract) for Three Years (03) for all the items mentioned in Schedule-B (BOM). The quoted product should not get End of support/End of Life for next 5 years from the date of Tender Submission.
- 6)** Bidder shall provide a comprehensive functional solution as per BOQ, design and diagram of site. Any additional accessories if required to complete the solution shall be done by the bidder at his own cost and risk.
- 7)** Payments towards the Laying/Installation of UTP/SFTP/PVC cabling components shall be made as per actual subject to jointly measure by AAI and Bidder after successful completion of the work.
- 8) System/Networking Training:** The Bidder shall provide System/Networking training to a batch of minimum 05 Executives. The objective of this training is to impart knowledge and skills to the executives to install, configure, operate and troubleshoot the Layer3/layer 2 type switched network and various components of this network.

ACCEPTANCE LETTER  
(TO BE SUBMITTED ON COMPANY’S LETTER HEAD )

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu,  
Jammu-180003.

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

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”**

**CPP Tender No.: - 2021\_AAI\_73081**

Dear Sir,

1. The tender document for the works mentioned above have been sold to me/us by Airports Authority of India and I / we hereby certify that I / we have read the entire terms and conditions of the tender document made available to me / us in the office of the Dy.General Manager (CNS), AAI, which shall form part of the contract agreement and I / we shall abide by the conditions / clauses contained therein.
2. I / We hereby unconditionally accept the tender conditions of AAI’s tender document in its entirety for the above works.
3. It is clarified that after unconditionally accepting the tender conditions in its entirety, it is not permissible to put any remarks / conditions (except unconditional rebates on quoted rates if any) in the tender enclosed in envelope “Eligibility Bid”, “Technical Bid” & “Financial Bid” and the same has been followed in the present case. In case any provisions of this tender are found violated after opening envelope “Eligibility Bid”, “Technical Bid” & “Financial Bid”. I / we agree that the tender shall be rejected and AAI shall without prejudice to any other right or remedy be at liberty to forfeit the full said earnest money absolutely.
4. 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 ask for bribe /gratification, I will immediately report it to the appropriate authority of AAI.

Yours Faithfully,

(Signature of the Tenderer)  
with rubber stamp

Date: \_\_\_\_\_

**PROFORMA BANK GUARANTEE FOR CONTRACT PERFORMANCE**

(To be stamped in accordance with Stamp Act)

(The non-judicial stamp paper should be in the name of issuing Bank)

**BANK GUARANTEE**

To,  
Airport Director,  
Airports Authority of India  
Civil Airport,  
Jammu – 180003

Guarantee No.& Date \_\_\_\_\_  
Amount of Guarantee: \_\_\_\_\_  
Guarantee Valid up to: \_\_\_\_\_  
Last Date for Lodgment of Claim: \_\_\_\_\_

Dear Sir,

1. We, the Bank \_\_\_\_\_  
hereby refer to the Purchase Order No. \_\_\_\_\_ dated \_\_\_\_\_  
between the Airports Authority of India (as Purchaser) and  
M/s. \_\_\_\_\_ providing substance for the  
work \_\_\_\_\_ to which specific reference is made under the terms of the said  
contract, the Contractor is required to provide a Bank Guarantee in the form acceptable to the Purchaser in  
the amount of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) extending to the  
performance by the seller of all the terms and conditions of the contract.
2. In view of the foregoing and pursuant to the terms of the said contract, which contract is referred to and  
made a part thereof as fully and to the same extent as it copied at length therein, we hereby absolutely and  
unconditionally guarantee to the Purchaser performance of the terms and conditions of the said agreement  
to the extent of Rs. \_\_\_\_\_.
3. This guarantee shall be construed as an absolute, unconditional and direct guarantee of the performance  
of the contract without regard to validity, regularity or enforceability of any obligation of the parties of the  
contract. The Purchaser shall be entitled to enforce this guarantee without being obliged to report initially  
to any other security or any other remedy to enforce any of the obligations herein guaranteed and may  
pursue any or all its remedies at one or at different times. Upon default of the contract item(s), we agree to  
pay to Purchaser on demand and without demur, the sum of Rs. \_\_\_\_\_ (Rupees  
\_\_\_\_\_) or any part thereof upon presentation of a written statement by  
the Purchaser that the amount of said demand represent damages due from the Seller under the terms of  
the aforesaid contract. The determination of the fact of breach and the amount of damages sustained and/or  
liability under this guarantee shall be in the sole discretion of the Purchaser, which decision shall be  
conclusive and binding on the bank as guarantor.
4. It is mutually agreed that the Purchaser shall have the fullest liberty without effecting in any manner our

obligations hereunder with or without our consent to vary any of the term of the said agreement or to extend the time or performance by the Seller from time to time, any of the powers exercisable by the Purchaser against the Seller and either to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any variation of any extension being granted to the Seller or for any forbearance act or omission on the part of the Purchaser or any indulgence by the Purchaser to the Seller or by any such matter or thing whatsoever, which under the law relating to sureties would but for this provision has effect of so relieving our obligations.

5. We undertake to pay to the Airports Authority of India, New Delhi, money so demanded notwithstanding any dispute or disputes raised by the Supplier in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

6. The payment so made by us under this bond shall be valid discharge of our liability for payment thereunder and the supplier shall have no claim against us for making such payment.

7. This guarantee will not be discharged due to the change in the constitution of the Bank of the Supplier.

8. We, the Bank \_\_\_\_\_ do hereby undertake that the payment against this guarantee should be available to Airports Authority of India on the first demand and notwithstanding any contestation of dispute by the party furnishing the guarantee.

9. We, the Bank \_\_\_\_\_ undertake not to revoke this guarantee during its currency except with the previous consent of the Airports Authority of India in writing.

10. We the Bank \_\_\_\_\_ undertake that our liability under the guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_)

11. Our guarantee will remain in force till \_\_\_\_\_.

12. The amount under the Bank Guarantee is payable without any demur, merely on demand from the beneficiary. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee and where the decision of the beneficiary in these counts shall be final and binding on the Bank. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_.

13. Notwithstanding anything herein contained, our liability under the guarantee shall :

a) Be limited to a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only)

b) Stand completely discharged and all your rights under the guarantee shall stand extinguished if no claim or demand is made upon us in writing and received by us owner before \_\_\_\_\_.

Branch Manager \_\_\_\_\_

For the Bank \_\_\_\_\_

Date: \_\_\_\_\_

**Subject: Undertaking of Authenticity**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu, Jammu-  
180003.

**Sub: Undertaking of Authenticity.**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav aids Site at Jammu Airport”.**

Dear Sir,

**Subject:** Undertaking for Authenticity for Tender ref no: \_\_\_\_\_.

With reference to the items quoted to you vide our bid no: \_\_\_\_\_ Dated: \_\_\_\_\_ in response to your tender no: \_\_\_\_\_, We hereby undertake that all the components/parts/assembly/software used in the hardware items quoted shall be original new components/parts/ assembly /software only, from respective OEMs of the products and that no refurbished/duplicate/ second hand components/parts/ assembly / software are being used or shall be used.

We also undertake that in respect of licensed operating system if asked for by you in the purchase order, the same shall be supplied along with the authorized license certificate and also that it shall be sourced from the authorized source.

Should you require, we hereby undertake to produce the certificate from our OEM supplier in support of above undertaking at the time of delivery/installation. It will be our responsibility to produce such letters from our OEM supplier’s at the time of delivery or within a reasonable time. In case of default and we are unable to comply with above at the time of delivery or during installation, for the IT Hardware/Software already billed, we agree to take back the same without demur, if already supplied and return the money if any paid to us by you in this regard.

We (system OEM name) also take full responsibility of both Parts & Service SLA as per the content even if there is any defect by our authorized Service Centre/ Reseller/SI etc.

**Authorized Signatory**

**Name:**

**Designation**

**Place**

**Date**

(Company Letter Head)

Bid-Security Declaration

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu,  
Jammu-180003.

**Subject: Submission of Bid Security Declaration.**

TENDER NO.:  
NAME OF WORK:

Whereas, I/We..... (name of the agency).....have submitted bid for (name of work).....

I/We hereby submit following declaration in lieu of submitting Earnest Money Deposit.

(1) If after the opening of tender, I/We withdraw or modify my/our bid the period of validity of tender (including extended validity of tender) specified in the tender document and corrigendum.

Or

(2) If, after the award of work, I/We fail to sign the contract, or to submit security deposit/performance guarantee before the deadline defined in the tender documents.

I/We shall be suspended for 01 (one) year and shall not be eligible to bid for AAI tenders for the period from the date of issue of suspension orders.

Signature of bidder firm authorized Signatory

Name: .....

On behalf of: .....

Telephone: .....

Fax: .....

E mail: .....

Date: Firms Stamp: .....

**Annexure-II B**

**Undertaking w.r.t Not blacklisted**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu, Jammu-  
180003.

**Sub: Undertaking w.r.t Not blacklisted**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of  
Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

We / I hereby undertake that our firm or its partners or its directors have not been black listed and no case or complaint is pending against its firm or its partners regarding irregularities, in India or abroad, by any global international body like World Bank/International Monetary Fund/ World health Organization etc., or any Indian State/Central Governments Departments or Public Sector Undertaking of India.

We/I further undertake that at any stage of evaluation, if it is found that we /I (the bidder firm) have given wrong or misleading information then our bid can be summarily rejected.

Thanking you

Yours faithfully

Dated:

Signature of authorized signatory/contractor

Name: .....

Stamp.....

**Undertaking w.r.t Not Submitting Alternate Bid**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu, Jammu-  
180003.

**Sub: Undertaking w.r.t Not Submitting Alternate Bid.**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

We / I hereby undertake that our firm or its subsidiary firm or its parent firm shall NOT be allowed to submit alternate bids, technical bid solution.

We/I further undertake that at any stage of evaluation, if it is found that we /I (the bidder firm) have given wrong or misleading information then our bid can be summarily rejected.

Thanking you

Yours faithfully

Dated:

Signature of authorized signatory/contractor

Name: .....

Stamp.....

**Annexure-II D**

**Undertaking w.r.t Not Subletting or Outsourcing of Work**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu, Jammu-  
180003.

**Sub: Undertaking w.r.t Not Subletting or Outsourcing of Work.**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

We / I hereby undertake that no part of the scope of work shall be sublet or outsourced to any third party without written consent from AAI.

We/I further undertake that at any stage of evaluation, if it is found that we /I (the bidder firm) have given wrong or misleading information then our bid can be summarily rejected.

Thanking you

Yours faithfully

Dated:

Signature of authorized signatory/contractor

Name: .....

Stamp.....

**Undertaking w.r.t Subcontracting**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu, Jammu-  
180003.

**Sub: Undertaking w.r.t Subcontracting.**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

We / I hereby undertake that if any portion of the work is outsourced or subcontracted then it shall accept all AAI objections within the scope of tendered work or bidder firm shall change/ replace subcontractor if required by AAI and shall undertake work itself without any additional compensation.

We/I further undertake that at any stage of evaluation, if it is found that we /I (the bidder firm) have given wrong or misleading information then our bid can be summarily rejected.

Thanking you

Yours faithfully

Dated:

Signature of authorized signatory/contractor

Name: .....

Stamp.....

**Annexure –III**

**List of Support Staff with qualification background (To be submitted with Technical bid)**

Name of Work: - “Name of the work as given in Schedule-A Sr. No. 1” Tender No.: “Tender No. as given in Schedule-A Sr. No. 2”

Sr. No.	Name of the Employee	Qualification	Experience (No. of years)
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

AAI may have right to ask the document related to the qualification/Experience etc. at any stage of process of tender/ work (if required)

AUTHORIZED SIGNATURE \_\_\_\_\_

NAME OF THE SIGNATORY \_\_\_\_\_

NAME & ADDRESS OF THE TENDERER

OFFICIAL SEAL \_\_\_\_\_

Date \_\_\_\_\_

**Details of Make/Models Offered against the Tender  
(To be submitted/Uploaded in the Technical Bid)**

**Name of Work: - Procurement of “Name of the work as given in Schedule-A Sr. No. 1” Tender  
No.: “Tender No. as given in Schedule-A Sr. No. 2”**

Sr. No.	Item Description	Make	Model
1.	Point to Point RF Modem/Outdoor Access Point with IP 67 Rating and AC Series with minimum effective RF minimum 300 Mbps MIMO throughput support on 10KM (Min) Distance with POE Support and Integrated Antenna		
2	Ethernet Surge Protector Device (for RJ 45)		
3	24 Port PoE/POE+ Managed Switch (With 4 SFP port)		
4	8 Port PoE/POE+ Switch (With 2 SFP port)		
5	Supply of 02 Ports Media Converter (Serial RS 232 /RS 422/RS 485 to Ethernet) with all accessories.		
6	Network management system		
7	Desktop computer		
8	Mast with Civil Work and Installation for 09 Meter with self-support structure with Lighting Arrestor, Earthing and mast light.		
9	Mast with Civil Work and Installation for 05 Meter with self-support structure with Lighting Arrestor, Earthing and mast light.		
10	FXO with all accessories.		
11	FXS with all accessories.		
12	Ups 03KVA (With 30 Minute Minimum Back Up)		
13	Cat6 Patch Cord (01 Meter)		
14	Cat6 Patch Cord (03 Meter)		
15	Supply of Cat 6 cable		
16	Supply of PVC Conduit with accessories		
17	Supply of Rack 9U		
18	Supply of Rack 15U		
19	Installation, Testing and Commissioning of above items, Integration of the complete RF Link System with required accessories and Integration with exiting OFC link as main-standby configuration.		
20	Training & Documentation.		
CAMC post warranty (02 year comprehensive warranty or warranty provided by OEM whichever is higher)			
21	CAMC for 01 <sup>st</sup> Year		
22	CAMC for 02 <sup>nd</sup> Year		
23	CAMC for 03 <sup>rd</sup> Year		

**AUTHORIZED SIGNATURE** \_\_\_\_\_

**NAME OF THE SIGNATORY** \_\_\_\_\_

**NAME & ADDRESS OF THE TENDERER**

**OFFICIAL SEAL** \_\_\_\_\_

**Date** \_\_\_\_\_

**FORMAT FOR INTIMATION OF FORCE MAJEURE OCCURRENCE**

To  
Airport Director,  
Airports Authority of India  
Civil Airport,  
Jammu - 180003

**Name of Work: - “Name of the work as given in Schedule-A Sr. No. 1” Tender  
No.: - “Tender No. as given in Schedule-A Sr. No. 2”**

**Subject: Intimation regarding Force Majeure Case:**

Sir,

Pursuant to Clause No.12 - FORCE MAJEURE, it is for your kind information that a case of force majeure has since occurred. Details are given below:

Date of occurrence	Detail of Incident	Activity affected	Likely Delay	Requested Extension

We are entitled to an extension in the date of completion as requested above. Bar Chart with revised schedule of activities is attached. Please approve the extension in the time. Evidence of the date of occurrence is also enclosed.

It is certified that performance of the Contract has been interfered with. It is also certified that the incident has not occurred due to our own action and that there has not been any lack of action by us in preventing the occurrence.

We are only claiming the extension in the date of completion of the activity (ies) and not claiming the loss incurred in the course of the incident.

Yours truly,

(Project Manager)

Enclosures:

1. Revised Bar Chart.
2. Evidence of the occurrence of the Force Majeure case (..... sheets)

**Annexure-VI**

APPLICATION FOR EXTENSION OF TIME

Part-I

1. Name of the Contractor
2. Name of the work as given in the agreement
3. Agreement No.
4. Contract Amount
5. Date of Commencement of work as per agreement
6. Period allowed for completion of work as per agreement
7. Date of completion stipulated in agreement
8. Date of actual completion of work
9. Period for which extension is applied for.
10. Hindrances on account of which extension is applied for with dates on which hindrances occurred and the period for which these are likely to last.

Sl No	Name of Hindrance	Date of occurrence of hindrance	Date of over of hindrance	Period of hindrance	Overlapping Period	Net extension applied for	Remarks if any
1	2	3	4	5	6	7	8

Total period for which extension is now applied for on account of hindrances mentioned above.

Month

Days

11. Extension of time required for extra work.
12. Details of extra work and the amount involved:-

Total value of extra work	Proportionate period of extension of time based on estimated amount put to tender on account of extra work.
(a)	(b)

13. Total extension of time required for 10 & 11.  
Submitted to the Project Manager\_\_\_\_\_.

Signature of Contractor

Dated

Part II  
(For Official Use)

1. Date of receipt of application from \_\_\_\_\_ Contractor for the work of \_\_\_\_\_ in the office of the Airport Director, Civil Airport, Jammu \_\_\_\_\_.
2. Recommendations of the project Manager as to whether the reasons given by the contractor are correct and what extension, if any, is recommended by him. If he does not recommend the extension, reasons for rejection should be given.

Dated: \_\_\_\_\_ Signature of the Installation In-charge

(To be filled in by the Project Manager)

1. Date of receipt in the Office:-
2. Project Manager’s remarks regarding hindrances mentioned by the contractor.
  - (i) Serial No
  - (ii) Nature of hindrance
  - (iii) Date of occurrence of hindrance
  - (iv) Period for which hindrance is likely to last
  - (v) Extension of time applied for by the contractor
  - (vi) Overlapping period, if any, giving reference to items which overlap
  - (vii) Net period for which extension is recommended
  - (viii) Remarks as to why the hindrance occurred and justification for extension recommended.
3. Project Manager’s Recommendations. The present progress of the work should be stated and whether the work is likely to be completed by the date up to which extension has been applied for. If extension of time is not recommended, what compensation is proposed to be levied under Clause 6.1 of Section III.

Signature of Project Manager

Signature of Accepting Authority

**Annexure-VII**

**Annexure-VII: Specifications & Compliance Statement to be submitted with Technical bid**

**Name of Work: - Procurement of “Name of the work as given in Schedule-A Sr. No. 1”**

**Tender No.: “Tender No. as given in Schedule-A Sr. No. 2”**

**Bill of Material**

Sr. No.	Item Description	Unit	Qty.	Complied/ Not Complied
1.	Point to Point RF Modem/Outdoor Access Point with IP 67 Rating and AC Series with minimum effective RF minimum 300 Mbps MIMO throughput support on 10KM (Min) Distance with POE Support and Integrated Antenna	Each	10	
2	Ethernet Surge Protector Device (for RJ 45)	Each	10	
3	24 Port PoE/POE+ Managed Switch (With 4 SFP port)	Each	01	
4	8 Port PoE/POE+ Switch (With 2 SFP port)	Each	05	
5	Supply of 02 Ports Media Converter (Serial RS 232 /RS 422/RS 485 to Ethernet) with all accessories.	Each	16	
6	Network management system	Each	01	
7	Desktop computer	Each	01	
8	Mast with Civil Work and Installation for 09 Meter with self-support structure with Lighting Arrestor, Earthing and mast light.	Each	01	
9	Mast with Civil Work and Installation for 05 Meter with self-support structure with Lighting Arrestor, Earthing and mast light.	Each	03	
10	FXO with all accessories.	Each	01	
11	FXS with all accessories.	Each	05	
12	Ups 03KVA (With 30 Minute Minimum Back Up)	Each	01	
13	Cat6 Patch Cord (01 Meter)	Each	10	
14	Cat6 Patch Cord (03 Meter)	Each	10	
15	Supply of Cat 6 cable	Meter	305	
16	Supply of PVC Conduit with accessories	Meter	300	
17	Supply of Rack 9U	Each	05	
18	Supply of Rack 15U	Each	01	
19	Installation, Testing and Commissioning of above items, Integration of the complete RF Link System with required accessories and Integration with exiting OFC link as main-standby configuration.	Lot	01	
20	Training & Documentation.	Lot	01	
CAMC post warranty (02 year comprehensive warranty or warranty provided by OEM whichever is higher)				
19	CAMC for 01 <sup>st</sup> Year	Lot	01	
20	CAMC for 02 <sup>nd</sup> Year	Lot	01	
21	CAMC for 03 <sup>rd</sup> Year	Lot	01	

**GENERAL REQUIREMENTS:**

Sr.no	Description of Requirement	Compliance (Yes/No)
1.	Financial Bid(s) of Technically disqualified/rejected bidders shall not be opened.	
2.	<p><b>Inspection of Supply:</b> The testing and inspection of the equipment /components procured shall be carried out as follows:</p> <p>a) Post receipt / pre-installation testing: This testing / inspection shall be performed at the AAI site at the time of delivery of the equipment and AAI shall inspect the goods against any physical damage on delivery. The inspection team shall also check the goods delivered against the models ordered. The inspection team shall reject the items, which are not delivered as per the contract or any subsequent modifications to the contract, in terms of make &amp; model. AAI shall receive the goods after inspection.</p> <p>b) Payment shall be released as per Terms and Conditions mentioned in NIT (Notice Inviting Tender).</p>	
3.	<p><b>Quality:</b> The quality of the items shall be in conformity with the tender specifications and shall be maintained throughout the currency of the contract and any extension thereof.</p>	
4.	<p><b>Rejection of supply:</b> If the items/components are not found satisfactory as per specification/up to the mark for use in the concerned Equipment/system, the supplied lot shall be rejected out rightly without assigning any further reason and AAI shall not be responsible for any such loss occurred to the supplier on account of such rejection by AAI.</p>	
5.	<p>If any supplied item is found to be defective it shall be replaced immediately by the contractor. The replacements, at the site, shall be made by the contractor at no cost to AAI.</p>	

**GENERAL TECHNICAL REQUIREMENTS:**

Sr.no	Description of Requirement	Compliance (Yes/No)
1.	The equipment shall be compact, fully solid state, highly reliable, COTS and shall use latest state of the art technology.	
2.	The design and selection of the offered equipment by the bidder and its OEM partner shall be consistent with the requirements of long term trouble free operation with highest degree of reliability and maintainability.	
3.	All offered equipment by the bidder and its OEM partner shall be manufactured to continuously operate safely without undue heating, vibration, wear, corrosion, electromagnetic interference or any similar problems	
4.	The system shall be designed for continuous operation (24 hours a day and 365 days a year).	
5.	All types of spares and spare modules shall be made available by the bidder during life time of the equipment for maintenance, repair and up keep of the equipment.	
6.	Offered equipment by the bidder and its OEM partner shall ensure adequate protection to be included for ensuring safety of personnel from any possible hazards, including EMI radiation, high voltages etc..	
7.	The offered system/item shall meet the performance requirements as defined in this document	
8.	Input/output termination cables in offered equipment shall be properly labelled to permit ready identification, facilitate convenient interconnection and minimize chances of incorrect connection	
9.	The offered equipment/system shall be suitable to operate in normally habitable environment, if not specified.	
10.	All the items/equipment/systems offered must be standard and proven products which are already available in the market. The equipment/system/items offered shall be currently under production. The products assembled or refurbished to meet the specifications of the tender shall not be acceptable.	

**SPECIFICATION/TECHNICAL REQUIREMENTS:**

Minimum specifications and technical requirements of the equipment/systems/items to be supplied are as detailed below:

Sr.no.	SPECIFICATION/TECHNICAL REQUIREMENTS:
1.	<p><b>RF LINK Point to Point (For 10 KM Distance) With Effective Throughput: Minimum 300 Mbps MIMO; Make: - cambium/Radwin/Ceragon/Proxim/Aruba</b></p> <ul style="list-style-type: none"> <li>➤ The offered equipment/system and its subsystems/accessories shall be</li> <li>➤ 5.0-5.9 GHz (Should operate in india ISM band (Free Band) as per WPC Regulation GSR No. 1048 € dated 18th Oct 2018)</li> <li>➤ Radio System should be able to operate in a LOS and nLOS environment to ensure complete flexibility in choosing deployment locations.</li> <li>➤ Radio System should support OFDM, MIMO2x2 with BPSK, QPSK, 16QAM, 64QAM, 256QAM</li> <li>➤ Ethernet Interface-10/100/1000 Base T</li> <li>➤ Channel Bandwidth: 10/20/40 MHz.</li> <li>➤ Maximum Tx Power: 24 dBm</li> <li>➤ Radio System should support Ipv4 &amp; Ipv6</li> <li>➤ Architecture: Integrated, or Connectorized, Single Cable between IDU &amp; ODU.</li> <li>➤ TDD Synchronization: supported</li> <li>➤ Encryption, US Security: AES128/AES-256, FIPS197</li> <li>➤ The Radio System support the Quality of Service according to IEEE 802.1p, TOS/Diffserve and 4 Levels of Queues.</li> <li>➤ Latency: &lt; 4msec</li> <li>➤ Integrated Lightning Protection: Must supported integrated Lighting Protection</li> <li>➤ Management – Radio System should support SNMP v1 &amp; SNMPv3 &amp; Telnet</li> <li>➤ Network management system</li> <li>➤ Web- based Management: Web access via browser</li> <li>➤ Power Feeding: Via Indoor Unit or PoE device</li> <li>➤ Power Consumption: ≤ 25W (ODU+ POE)</li> <li>➤ IP67/IP66 Supported</li> </ul>
	<p>a) In any case AAI shall not obtain WPC/DGFT License for unlicensed band equipment sought in the scope of this tender.</p> <p>b) The offered equipment/system and its subsystems/accessories shall be approved by WPC, GOI. Copy of approval by WPC, GOI – ETA shall be submitted with the technical bid.</p> <p>c) Offered equipment/system and its subsystems/accessories by bidders shall operate and radiate frequencies/energy/spectra /signals fully meeting specifications/requirements / conditions as specified by WPC, GOI, for unlicensed operation of Wireless Radio System in India for Indoor and Outdoor applications.</p> <p>d) The Offered RADIO LINK shall be suitable for easy and rapid deployment to avoid lengthy way-leave, access and legal agreements and shall always operate in WPC, GOI, pre-approved license free bands only.</p> <p>e) Any bid submitted without WPC (GoI) – ETA approval document may not be considered and is liable for rejection/disqualification.</p> <p>f) The offered equipment/system and its subsystems/accessories shall support QoS standards.</p> <p>g) The Offered RADIO LINK shall be designed for Backhaul/industrial/critical applications and shall be of reliable and field proven design and suitable to operate in coastal/ harsh &amp; airfield (using frequency jammers) environmental conditions.</p>

<p><b>2.</b></p>	<p><b>Ethernet Surge Protector Device (for RJ 45)</b></p> <ul style="list-style-type: none"> <li>i. SPD shall support CAT 6 POE.</li> <li>ii. Common &amp; Transverse Protection Modes.</li> <li>iii. All Pairs lines protected.</li> <li>iv. &lt; 5ns response time.</li> <li>v. Nominal Discharge Current – Line to Line: 100A(8/20us) &amp; Line to Ground: 1000A(8/20us) or Better</li> <li>vi. Support data rates up to 1000 Mbps or Better</li> <li>vii. 0Ω in Line Resistance.</li> <li>viii. Support Ethernet applications including 10/100/1000 Base T interface with PoE RJ45 Connector type.</li> </ul>
<p><b>3.</b></p>	<p><b>24 Port PoE/POE+ Managed Switch (With 4 SFP port) ( Make:- CISCO/HP/JUNIPER )</b></p> <p><b>Enclosure Type: -</b></p> <ul style="list-style-type: none"> <li>i. Rack Mountable</li> <li>ii. Subtype: - Gigabit Ethernet</li> <li>iii. Switch should support a minimum of 24 nos. 10/100/1000 Ethernet Ports and 4 X1GB SFP uplink ports</li> <li>iv. Power Over Ethernet: - PoE/PoE+</li> <li>v. Switch should have 128Gbps switching fabric and 95Mpps forwarding rate.</li> <li>vi. Number of VLANs: 1023 or more</li> <li>vii. Jumbo Frame Support: 9216 bytes</li> <li>viii. Max Units in a Stack: 10 or more</li> <li>ix. Authentication Method: Switch support MAC Based Authentication, Web – based Authentication, RADIUS, Secure Shell(SSH), TACACS+</li> <li>x. Flash Memory: - 128MB or more</li> <li>xi. Status Indicator: Port Status, Port transmission speed, Port duplex mode system, PoE , Link/activity, RPS (Redundant Power Supply)</li> <li>xii. Switch should have Static Routing for Ipv4 &amp; Ipv6.</li> <li>xiii. PoE Budget: 370 W</li> <li>xiv. Nominal Voltage: AC 230V</li> <li>xv. Frequency Required: 50 Hz</li> <li>xvi. Manageable –Yes</li> <li>xvii. Remote Management Protocol: CLI, HTTP, TFTP, Telnet, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 1, SNMP 2c, SNMP 3, PoE+ Interface</li> <li>xviii. Ethernet: 10Base-T/100Base-T/1000Base-T/1000 Base-X, console, IEEE 802.1X: 802.1X</li> <li>xix. The switch should support TACACS+ and RADIUS authentication enable centralized control of the switch and restrict unauthorized users from altering the configuration.</li> </ul>
<p><b>4.</b></p>	<p><b>Switch 8PORT POE LAYER 2 Managed Switch (With 2 SFP port) ( Make:- CISCO/HP/JUNIPER )</b></p> <ul style="list-style-type: none"> <li>i. Enclosure Type: - Rack Mountable</li> <li>ii. Subtype: - Gigabit Ethernet</li> <li>iii. Managed Switch with 8x10/100/1000 Base-T PoE ports and additional 2x1G SFP ports.</li> <li>iv. Minimum PoE power budget 245Watt or more.</li> <li>v. Ports: - 8 x 10/100/1000 (PoE+)</li> <li>vi. Power Over Ethernet: - PoE/PoE+</li> <li>vii. The switch should support Full-duplex Switching bandwidth of 20 Gbps</li> <li>viii. Jumbo Frame Support: 9018 bytes</li> <li>ix. Flash Memory: - 128MB or more</li> <li>x. Status Indicator: Port Status, Port transmission speed, Port duplex mode system, PoE, Link/activity</li> <li>xi. The switch should support static routing.</li> </ul>

	<ul style="list-style-type: none"> <li>xii. The switch should support IGMP filtering.</li> <li>xiii. Nominal Voltage: AC 230V</li> <li>xiv. Frequency Required: 50 Hz</li> <li>xv. Type: Gigabit Ethernet Form Factor Desktop Rack Mountable</li> <li>xvi. Remote Management Protocol: CLI, HTTP, TFTP, Telnet, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 1, SNMP 2c, SNMP 3, PoE+ Interface</li> <li>xvii. Ethernet: 10Base-T/100Base-T/1000Base-T/1000 Base-X, console, IEEE 802.1X: 802.1X</li> <li>xviii. The switch should support TACACS+, Secure Shell (SSH), and RADIUS authentication enable centralized control of the switch and restrict unauthorized users from altering the configuration.</li> </ul>		
5.	<p><b>RS 232 TO ETHERNET CONVERTER</b></p> <ul style="list-style-type: none"> <li>i. Item shall be industrial grade for 24x7 operations in critical systems.</li> <li>ii. Cable replacement using Serial-Ethernet. Configurable (2:1 converter)</li> <li>iii. Having virtual COM ports connect PC/Servers to remote serial devices over Ethernet.</li> <li>iv. Communicate to multiple serial devices at the same time across a network.</li> <li>v. Use Serial-Ethernet to replace existing serial dial-up modem connections.</li> <li>vi. Manage the serial console port on remote equipment (servers, routers, switches etc.) over Ethernet or through out of band connections.</li> <li>vii. Use Serial-Ethernet to connect serial PLCs to Ethernet.</li> <li>viii. Connect serial signage equipment over Ethernet with Serial-Ethernet Adapters.</li> </ul>		
6.	Network management system with unlimited version		
7.	<p><b>Desktop Computer (All in One)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">                     Processor Make                      Processor Description                      Processor Generation                      Operating System                      Memory (RAM)                      Types of Drives                      Display Size                      Keyboard, Mouse Connectivity                      HDD Capacity                      SSD Capacity                      Connectivity                      Ports                      Optical Drive                      Certification                 </td> <td style="width: 50%; padding: 5px;">                     Intel                      i5 or higher                      9th or higher                      Windows 10 Professional                      8GB or higher                      SSD, HDD                      21 inches or higher                      Wireless                      1 TB or higher                      128 GB or more                      Wi-Fi, Bluetooth support                      USB 3.0, LAN Port                      Optional                      BIS Registered and ROHS Compliance                 </td> </tr> </table>	Processor Make Processor Description Processor Generation Operating System Memory (RAM) Types of Drives Display Size Keyboard, Mouse Connectivity HDD Capacity SSD Capacity Connectivity Ports Optical Drive Certification	Intel i5 or higher 9th or higher Windows 10 Professional 8GB or higher SSD, HDD 21 inches or higher Wireless 1 TB or higher 128 GB or more Wi-Fi, Bluetooth support USB 3.0, LAN Port Optional BIS Registered and ROHS Compliance
Processor Make Processor Description Processor Generation Operating System Memory (RAM) Types of Drives Display Size Keyboard, Mouse Connectivity HDD Capacity SSD Capacity Connectivity Ports Optical Drive Certification	Intel i5 or higher 9th or higher Windows 10 Professional 8GB or higher SSD, HDD 21 inches or higher Wireless 1 TB or higher 128 GB or more Wi-Fi, Bluetooth support USB 3.0, LAN Port Optional BIS Registered and ROHS Compliance		
8.	<p><b>Mast with Civil Work and Installation for 09 Meter with self-support structure with Lighting Arrestor, Earthing and mast light.</b></p> <ul style="list-style-type: none"> <li>i. Self-supporting triangular mast prefabricated steel grillage with galvanized coating, using Heavy class structure steel tubes with horizontal rods at interval of one feet for climbing on mast for installation/maintenance of Radios. The bracing rods must be as per IS: 1161-1998 YSt-240 or equivalent India or International standard, earthing lugs near base, bracing rods should be welded to vertical lugs. Nut and bolt used for installation should be of high tensile strength as per IS 6639:2005. Mast shall be designed and installed to take weight for minimum of two persons while working.</li> <li>ii. Dimension: -Base of the tripod tower should be less than (2.5 feet * 2.5 feet* 2.5 feet).</li> <li>iii. Tower shall be provided with LED aviation obstructions light fitting mast meeting latest specification as per ICAO along with the all mounting accessories for installation of fixture on top of the tower. Obstruction light shall be operational on top of the tower.</li> <li>iv. Industrial grade material should be used.</li> </ul>		

	<p>v. Conventional Earthing is to be carried out as per latest CPWD specifications &amp; shall be in conformity with relevant provision of the Indian Electricity Rules and Indian Standard Specification IS:3043-1987 with latest amendments.</p> <p>vi. The Earth Resistance shall be measured at copper strip. Earth resistance shall not have a greater ohmic resistance than 02 ohms as measured by an approved and calibrated Earth Testing Apparatus (having valid calibration certificate from Govt. approved Testing Laboratory).</p> <p>vii. Type of Soil at the site: - Rocky Soil.</p>
9.	<p>Mast with Civil Work and Installation for 05 Meter with self-support structure with Lighting Arrestor, Earthing and mast light.</p> <p>i. Same as above</p>
10.	<p>FXO with all accessories.</p> <p>i. Frequency Character- 300 Hz to 3.4 KHz.</p> <p>ii. Impedance- 200 ohms + 680 Ohms</p> <p>iii. FXO- Min 08 Port</p> <p>iv. Interface Loop Resistance- 1600 ohms maximum.</p> <p>v. Quality of service (QoS).</p> <p>vi. Connector- RJ-45 &amp; RJ-11</p> <p>vii. DTMF Dialling &amp; Reception- yes</p>
11.	<p>FXS with all accessories.</p> <p>i. Frequency Character- 300 Hz to 3.4 KHz.</p> <p>ii. Impedance- 200 ohms + 680 Ohms</p> <p>iii. FXS- Min 4 Port</p> <p>iv. Interface Loop Resistance- 1600 ohms maximum.</p> <p>v. Quality of service (QoS).</p> <p>vi. Connector- RJ-45 &amp; RJ-11</p> <p>vii. DTMF Dialling &amp; Reception- yes</p>
12.	<p>Ups 03KVA Make : EATON/NUMERIC/APC/EMERSON/BPE /DELTA</p> <p>i. Floor mounted online pure sine wave.</p> <p>ii. Single Phase with Ground.</p> <p>iii. 150-250V Input Voltage Range.</p> <p>iv. 48-52Hz I/P frequency.</p> <p>v. 230V±1% output voltage.</p> <p>vi. 50Hz±0.1% Output Frequency.</p> <p>vii. Up to 85% efficiency.</p> <p>viii. Rs232/RS485, SNMP, Ethernet &amp; Direct Connect PC Monitoring.</p> <p>ix. Fast Acting fuse &amp; High speed pulse blanking, Electronic over voltage/under voltage, out short circuit protection.</p> <p>x. ≥ 30 Min. at full load or higher battery backup time.</p> <p>xi. All Standard Accessories supplied with UPS</p> <p>xii. Conformance: IEEE C62.41/ CE/ EN62040-1/ EN62040-2/ROHS</p>

13.	<p><b>Cat6 Patch Cord (01 Meter)</b></p> <ul style="list-style-type: none"> <li>i. Patch Cord Length shall be 1m as per site requirement.</li> <li>ii. All components/material used in the Patch cord shall be POE+ compliant.</li> <li>iii. Patch cord shall conform to Category 6A U/FTP standards/requirements.</li> <li>iv. Support network line speeds up to 10 Gbps.</li> <li>v. POE+ compliant RJ-45 plugs suitable for CAT 6A U/FTP cable of stranded copper at both the ends.</li> <li>vi. Outer jacket shall be of LSZH.</li> <li>vii. Patch cord shall be RoHS Compliant.</li> <li>viii. Certification: UL 444, UL 758/Style 2835, TIA/EIA-568B.2.</li> </ul>
14.	<p><b>Cat6 Patch Cord (03 Meter)</b></p> <ul style="list-style-type: none"> <li>i. Patch Cord Length shall be 3m as per site requirement.</li> <li>ii. All components/material used in the Patch cord shall be POE+ compliant.</li> <li>iii. Patch cord shall conform to Category 6A U/FTP standards/requirements.</li> <li>iv. Support network line speeds up to 10 Gbps.</li> <li>v. POE+ compliant RJ-45 plugs suitable for CAT 6A U/FTP cable of stranded copper at both the ends.</li> <li>vi. Outer jacket shall be of LSZH.</li> <li>vii. Patch cord shall be RoHS Compliant.</li> <li>viii. Certification: UL 444, UL 758/Style 2835, TIA/EIA-568B.2.</li> </ul>
15.	<p><b>Cat 6 cable</b></p> <ul style="list-style-type: none"> <li>i. Category : 6 SFTP Solid cable</li> <li>ii. Conductor : 23 AWG Multi-cores (Solid)</li> <li>iii. Conductor Meta : Bare Copper</li> <li>iv. Insulation Material : HD-PE</li> <li>v. Pairs : Insulated conductors twisted together</li> <li>vi. Shield : Aluminum / Polyester Foil Tinned copper Braiding</li> <li>vii. Sheath : PVC/LSZH</li> <li>viii. Tape separator</li> </ul>
16.	<p><b>PVC Conduit with accessories</b></p> <ul style="list-style-type: none"> <li>i. Min Dia 40mm.</li> <li>ii. Dielectric Strength: <math>\geq 2000v</math>.</li> <li>iii. Insulation Resistance: <math>\geq 100M \Omega</math>.</li> <li>iv. Winkle free bending assure smooth passing of wire.</li> <li>v. Smooth surface finish for enhance aesthetics.</li> <li>vi. Corrosion proof finish offers complete protection from rust, salinity &amp; humidity.</li> <li>vii. Self-extinguishing PVC material offers added flame resistance.</li> </ul>
17.	<p><b>09U closed Rack with standard Accessories</b></p> <ul style="list-style-type: none"> <li>i. Standard 19" Wall Mount 09U racks.</li> <li>ii. Provision of front Glass Door with Lock &amp; Key,</li> <li>iii. Standards: EIA 310-D/ DIN 41494/ IEC60297 IEC 60917/IEC 61587:2012 read with adjuncts and amendments.</li> <li>iv. Tray 19" at least 2Nos</li> <li>v. PDU 6Scoket 6 AMP - 1No</li> <li>vi. Cable Manager - 2Nos</li> <li>vii. Fans (Minimum 02 Nos.)with Tray</li> <li>viii. Earthing Kit</li> </ul>

18.	<b>15U closed Rack with standard Accessories</b>		
	i.	Standard 19" Wall Mount 15U racks.	
	ii.	Provision of front Glass Door with Lock & Key,	
	iii.	Standards: EIA 310-D/ DIN 41494/ IEC 60297 IEC 60917/ IEC 61587:2012 read with adjuncts and amendments.	
	iv.	Tray 19" at least 3Nos	
	v.	PDU 6Scoket 5AMP - 2No	
	vi.	Cable Manager - 2Nos	
	vii.	Fans (Minimum 02 Nos.) with Tray	
	viii.	Earthing Kit	
19.	<b>Installation &amp; Accessories.</b>		
	i.	Installation Materials: All installation materials as per the requirement of sites such as connecting cables, mounting poles, flexible conduit, cable management system. Nut, Bolt, Cable Ties (shall be weather proof UV Stabilized Nylon 6.6 cable ties for outdoor use in continuous or extended exposure to sunlight) etc. shall be supplied.	
	ii.	All cable and connector shall be labeled at every entry/exit/termination/MDF etc.	
20.	<b>Training &amp; Documentation.</b>		
	i.	Training	Maintenance Training to be given by Supplier at customer site.
	ii.	Manuals	The specified Equipments shall be supplied with User manuals having: a. Operating procedures b. Details of Architecture & Functional description c. Maintenance guidelines and safety precautions.
21	<b>Warranty &amp; CAMC</b>		
	i.	On Site Warranty	Two Years For All Equipments listed above.
	ii.	24 X 7 Toll free number / Time frame for service	Should be provided. Service calls should be attended within 24 Hrs. Spares if required, for repair should be arranged within 72 Hrs.
	iii.	AMC	Post 02 years warranty, the all equipments along with supplied accessories is to be maintained by the OEM/his authorized vendor through comprehensive AMC for a period of three more years. Year wise breakup of AMC rates are to be quoted separately by vendor. <i>AMC shall also include carrying out the periodic checking and complete replacement of faulty part or equipments without any charge.</i>

**Details of the Vendor Firm/ Company**

Sl.No.	Details of the Vendor Firm/ Company				
1	Name of the Company:				
2	Name of the Directors as per MoA:				
3	Name of the Authorized signatory:				
4	Email Address for correspondence:				
5	Phone/Fax:				
6	Address for correspondence:				
7	Turn Over of the company for last three years	FY-20XX	FY-20XX	FY-20XX	Annualized
8	PAN				
9	GST (Goods and Services Tax)				
10	Date of Incorporation of the Company as per MoA ( Copy Attached /Uploaded)				
11	<b>Proof of Execution of works</b>	Name of the work	Po ref. with date	PO Amt.	Remarks
11.1	Similar Work Experience 1				
11.2	Similar Work Experience 2				
11.3	Similar Work Experience 3				
12	<b>Date of completion of Certificates of the above said works</b>	Name & Desig. of Signatory	Address	Contact number	Email Address
12.1	Similar Work Experience 1				
12.2	Similar Work Experience 2				
12.3	Similar Work Experience 3				
13	<b>Tender Specific Authorization letters from OEM's as per tender requirement</b>	Product	OEM with Address	Name of Signatory	Contact Number with Email Address
14	<b>Power of Attorney ( Stamp Paper of Rs 100/-) in favor of signatory ( attached)</b>	Yes or No			
15	<b>Acceptance letter as per Annexure-I (Attached/Uploaded)</b>	Yes or No			
16	<b>List of Client references Attached /Uploaded</b>	Yes or No			

**Annexure-IX**

<b>Sr.no</b>	<b>ULTIMATE AAI CONSIGNEE SITE</b>	<b>Qty.</b>
<b>1</b>	<b>AIRPORT DIRECTOR, Airports Authority Of India, Civil Airport, Jammu-180003</b>	<b>All LOTS</b>

**UNDERTAKING FOR SUBMITTING BID  
[TO BE SUBMITTED WITH ELIGIBILITY BID]**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu, Jammu-180003.

**Sub: UNDERTAKING FOR SUBMITTING BID.**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

**Sir,**

Having examined the conditions of contract and specifications including addenda, I/we, the undersigned, offer to undertake **Tender No. ....for SITC OF RADIO LINK FOR NAVAIDS SITES** in conformity with the specifications, terms & conditions of Tender.

- 1) I/We agree to abide by the terms and provisions of the said conditions of the contract and provisions contained in the tender.
- 2) I/We hereby unconditionally accept(s) the tender conditions of AAI’s tender documents in its entirety for the above work.
- 3) It is certified that I/we have not stipulated any condition(s) in our offer/bid response. In case any condition(s) are found in our tender offer, the same may be treated as withdrawn.
- 4) Price Quote response submitted by us is prepared as per the tender document and submitted to AAI on AAI e-tender procurement portal only.
- 5) We understand that AAI is not bound to accept the lowest or any bid. AAI may receive or change as per Section-III Clause 19 of this tender document for quantities of tendered items.
- 6) We understand that only the Prices quote available to AAI on opening of Price Bid on AAI e-tender procurement portal is (without conditions and options) shall only be taken for Price Comparison and shall be loaded with requisite components to make the price comparative as per the complete scope of work in the tender.
- 7) We also undertake that we are offering price quotes only against make/model of H/W & S/W solution in conformity to Make/Model, Type, Quantity, Quality of the equipment against Section C of technical bid, for which compliance statement is submitted for perusal and have quoted Prices in Price bid for the same;
- 8) Bid submitted to AAI are as per the instructions contained in Section A, B, C & D of Tender and we also understand that if it is found to be contrary our Bid offer stands summarily rejected by AAI.
- 9) 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 and will not pay 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’.
- 10) That, I/We undertake that AAI’s tender document shall form part of contract agreement.
- 11) I/We hereby submit/submitted the earnest money of [Rs.....] for the Tender for the above mentioned work in the form of DD as per the terms of this tender.
- 12) Bid submitted by us are submitted as per e-tender guidelines of AAI only and our technical bid does not contain any price quote information. If it is found contrary to this, then our e-bid response may be summarily rejected.

Thanking You

Yours’ Faithfully

Dated: -

Signature of Bidder

Name: -.....

Stamp: -.....

List of Enclosures: -

- 1)
- 2)

**Note: This duly filled undertaking shall be submitted in the ELIGIBILITY BID without which the bid response of the bidder firm may be liable to be rejected.**

**AGREEMENT FOR SITC OF RADIO LINK FOR NAV-AIDS SITES BETWEEN  
AIRPORTS AUTHORITY OF INDIA  
AND**

**M/S** .....

This agreement is made at Jammu today ..... day of ..... of 20.... between AIRPORTS AUTHORITY OF INDIA, A body corporate constituted by the Central Government under the Airports Authority Act ( Act 55 of 1994 ) and having its Corporate office at RAJIV GANDHI BHAWAN, SAFDURJUNG AIRPORT, NEW DELHI-110003 and regional head office at OPERATIONAL OFFICES, RANGPURI, IGI AIRPORT, NEW DELHI represented by hereinafter called the ‘AUTHORITY’ ( which term shall unless excluded by or is repugnant to the context be deemed to include its Chairman, or Member, Executive Directors, General Managers, Officers or any of them specified by the Chairman on his behalf and shall also include its successors and assigns on one part and ..... having its principal office space & place of business

..... (hereafter called and represented by ..... of the on the other part hereinafter called the CONTRACTOR (which term shall unless excluded by or is repugnant to the context, be deemed to include its higher, representative, successors and assigns of the contract).

Whereas, the AUTHORITY want to purchase **“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”** and CONTRACTOR ..... is desirous of supplying the same. **WHEREAS**, AUTHORITY invited offers for the **“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”**.

WHEREAS, the CONTRACTOR has offered its bid, for **“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”**, in accordance with their Price Bid opened on ..... on AAI e-portal, This Price is inclusive of patents, handling charges, GST/Sales Tax/Entry Tax/Octroi /work contract tax/Service Tax, labour cess and all other taxes, duties, levies, freight, Insurance, etc...up to destination and tax against Supply and warranty services on each site and AAI has accepted its offer;

Now, therefore, in consideration of the promises and mutual covenants contained herein, the CONTRACTOR and the AUTHORITY (hereinafter referred to as the “parties”) agree as follows:

For the purpose of this contract the following constitutes part of the agreement:

- a) **Contract Period** – for ... Years with effect from ..... up to .....
- b) AUTHORITY Tender Documents for the Scope of **“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”** comprised of E-TENDER NO. .... / Tender no. .... and CONTRACTOR *Price bid opened on AAI eportal* .....
- c) Bid Response Documents submitted by the CONTRACTOR in fulfilling the tender requirements that includes the signed Compliance.
- d) Unconditional acceptance of AUTHORITY Tender conditions as given by the CONTRACTOR.



**Annexure-XII**

To  
Deputy General Manager(CNS)  
O/o-Airport Director, Airports  
Authority of India Civil Airport,  
Jammu – 180003.

Subject: Manufacturer’s Authorization Letter

Sir,

With reference to the TENDER NO \_\_\_\_\_, **“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”** we \_\_\_\_\_  
(manufacturer name) having our office in \_\_\_\_\_ (manufacturer address), authorize  
\_\_\_\_\_ (System Integrator name and address), our system Integrator in India, to quote and  
supply to you the following equipment:

- 1.
- 2.
- 3.

We further certify that the products quoted are standards based and our standard OEM comprehensive support shall be available for 02(Two) year warranty period and 03 (three) year CAMC period having total 05 (five) year (Defect Liability Period). We confirm that the Warranty/Support for the products shall be to AAI irrespective of the involvement of System Integrator. We also confirm that the products offered are currently available in the market and shall not be end of life during the contract period. The products will be supplied without any change in specifications. Our toll free number (India) is \_\_\_\_\_.

Yours faithfully,  
(Name)  
(Name of the Manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be included by the Bidder in its bid.

**Annexure – XIII - A**

**UNDERTAKING TO BE SUBMITTED WITH ELIGIBILITY BID**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu,  
Jammu-180003.

**Sub: Undertaking for possessing required tools, plants, skilled man power etc.**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

We/I (Bidder firm) certify /undertake that our firm (bidder firm) possess the required tools, plants, skilled manpower etc. required for execution of the subject tendered works.

Yours Sincerely Dated:

Signature of authorized signatory/contractor

Name: .....

Stamp:.....

**Annexure – XIII - B**

**UNDERTAKING TO BE SUBMITTED WITH ELIGIBILITY BID**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu,  
Jammu-180003.

**Sub: Undertaking for work completion and functional/on-site warranty/CAMC requirements. Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

We/I (Bidder firm) certify /undertake that We (Bidder firm) shall undertake the complete responsibility of completion of tendered works detailed in this tender in various sections (during the contract period and any extension granted by AAI). If we (the bidder firm) fails to meet AAI functional/on-site warranty/CAMC requirements detailed in this tender, AAI shall be free to get the work done from a third party at bidder’s risk and cost without any additional communication/ time/ financial compensation by AAI.

Yours Sincerely

Dated:

Signature of authorized signatory/contractor

Name: .....

Stamp:.....

**Annexure – XIII - C**

**UNDERTAKING TO BE SUBMITTED WITH ELIGIBILITY BID**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu,  
Jammu-180003.

**Sub: Undertaking for not altering or modifying bid document.**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

With reference to above referred E-Tender, We / I hereby undertake that the content of the bidding document have not been altered or modified.

Yours Sincerely Dated:

Signature of authorized signatory

Name: .....

Stamp:.....

**UNDERTAKING TO BE SUBMITTED WITH ELIGIBILITY BID**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu,  
Jammu-180003.

**Sub: Undertaking for service support and availability of spares at AAI site.**

**Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

With reference to above referred E-Tender, We / I hereby undertake that we/I will ensure service support and availability of spares at AAI site for the tendered works for entire contract life period from award and for any additional time extension sought by AAI i.e. Not exceeding 06 months at same price, terms and conditions.

We/I undertake to enter into after sales service agreement with OEM and we/I shall undertake full responsibility to provide spares & Services within the warranty period as defined in the scope of this tender toward.

Yours Sincerely

Dated:

Signature of authorized signatory

Name: .....

Stamp:.....

**UNDERTAKING TO BE SUBMITTED WITH ELIGIBILITY BID**

To,  
Deputy General Manager (CNS),  
O/o-Airport Director,  
Airports Authority of India,  
Civil Airport, Jammu,  
Jammu-180003.

**Sub: Undertaking for AAI/BCAS/Air force safety rules, environmental policy and security instruction.  
Name of Work: - “Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”.**

Sir,

With reference to above referred E-Tender, We / I hereby undertake that our workers/manpower must follow the AAI/Air force safety rules, environmental policy and security instruction issued by BCAS/AAI/Air force during this SITC. We have to submit the police verification and other requirements of our staff, which is mandatory to issue Airport Entry Pass/Air force Pass.

The Authority will not be responsible for any injury sustained by the workers during Performance of their duties and also for any dispute between him and his workers. Furthermore, the contracted firm/agency shall be responsible for the payment of compensation, insurance etc. if any in respect of his employees.

Yours Sincerely Dated:

Signature of authorized signatory

Name: .....

Stamp:.....

**Schedule-A**

**ADDENDUM TO THE TENDER DOCUMENT**

**Name of Work: - Procurement of “Name of the work as given in Schedule-A Sr. No. 1” Tender  
No.: “Tender No. as given in Schedule-A Sr. No. 2”**

**Note:** To be read in conjunction with the Terms & conditions (Section-I, Section-II, Section-III & Section-IV of the Tender against the sections referred below.

Sr. No.	Section	Para No.	Sub-Para No.	Text to be read as
1.	II	6	6.1.1, 6.1.2	<b>“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”</b>
	III	1	1.1	
		Annexure	I,II,III,IV,V,VI,VII ,VIII,IX,X,XI & XII	
2.	<b>Tender ID</b>	Annexure	I,II,III,IV,V,VI,VII ,VIII,IX,X,XI & XII	<b>TENDER NO:</b> AAI/VIJU/CNS/2021/1 <b>E-Tender ID-2021_AAI_73081</b>
3.	AAI/VIJU/CNS/2021/1	2	2.1	Completion of work within <b>60 Calendar days</b> from the effective date. <b>Product</b> Must be quoted with Two (02) year comprehensive replacement warranty and post warranty Three (03) year Comprehensive Annual Maintenance Contract (CAMC).
4.	IV	5	5.1	a) As mentioned in the Annexure-VII& Section V.

**SCHEDULE-B (Financial Bid Form)**

**Price Bid:**

As per attached item rate BoQ sheet.

[Validate](#) [Print](#) [Help](#)

Item Rate BoQ

Tender Inviting Authority: DGM(CNS), Jammu Airport

Name of Work:Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport

Contract No: AAI/JMU/CNS/2021/01 E-TENDER ID 2021\_AAI\_73081

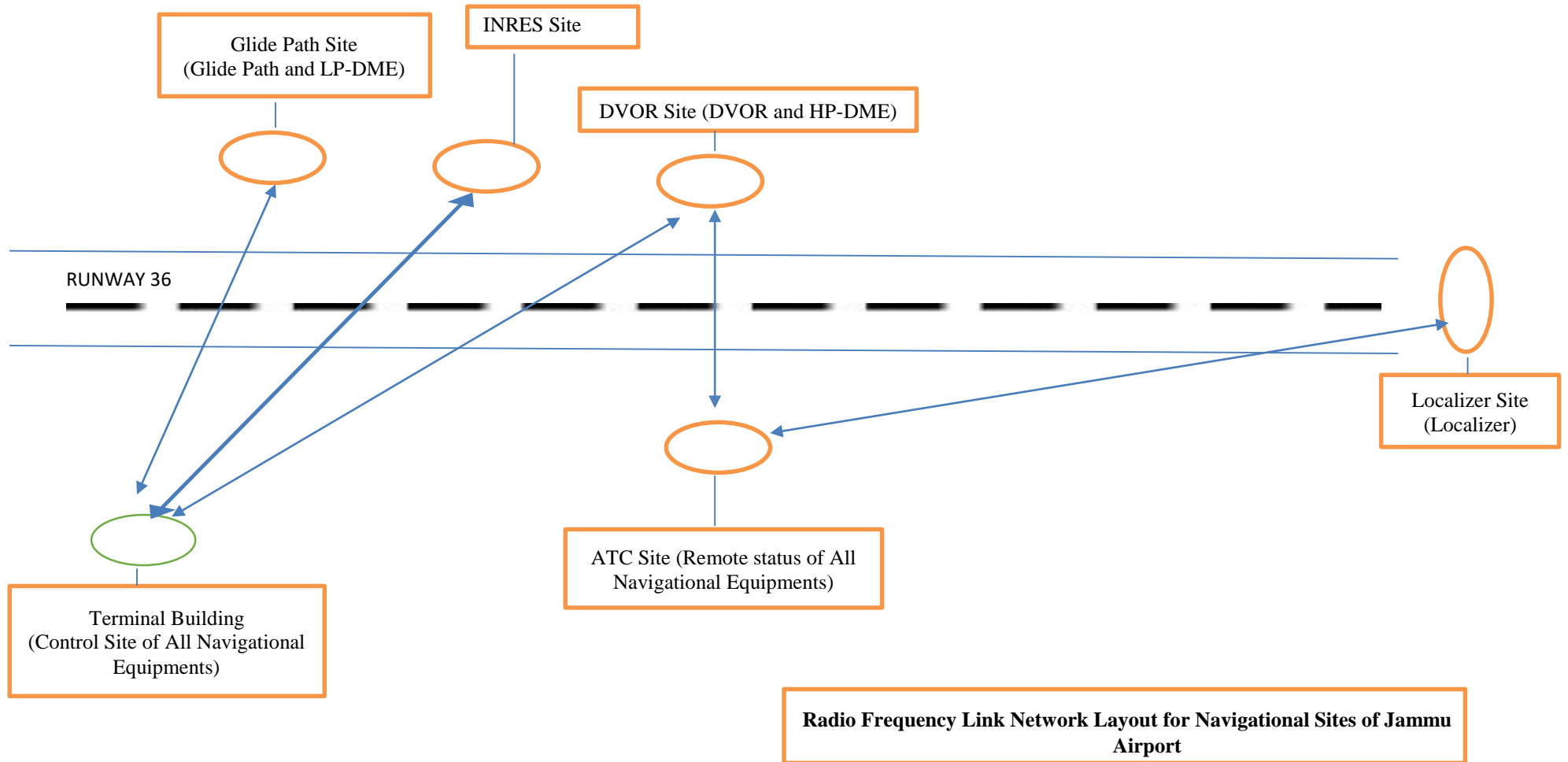
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Point to Point RF Modem/Outdoor Access Point with IP 67 Rating and AC Series with minimum effective RF minimum 300 Mbps MIMO throughput support on 10KM (Min) Distance with POE Support and Integrated Antenna	10	Each		0.00	INR Zero Only
2	Ethernet Surge Protector Device (for RJ 45)	10	Each		0.00	INR Zero Only
3	24 Port PoE/POE+ Managed Switch (With 4 SFP port) and including all labour charges etc complete	1	Each		0.00	INR Zero Only
4	8 Port PoE/POE+ Switch (With 2 SFP port)	5	Each		0.00	INR Zero Only
5	Supply of 02 Ports Media Converter (Serial RS 232 /RS 422/RS 485 to Ethernet) with all accessories.	16	Each		0.00	INR Zero Only
6	Network management system	1	Each		0.00	INR Zero Only
7	Desktop computer	1	Each		0.00	INR Zero Only
8	Mast with Civil Work and Installation for 09 Meter with self-support structure with Lighting Arrestor, Earthing and mast light.	1	Each		0.00	INR Zero Only
9	Mast with Civil Work and Installation for 05 Meter with self-support structure with Lighting Arrestor, Earthing and mast light.	3	Each		0.00	INR Zero Only
10	FXD with all accessories.	1	Each		0.00	INR Zero Only
11	FXS with all accessories.	5	Each		0.00	INR Zero Only
12	Ups 03KVA (With 30 Minute Minimum Back Up)	1	Each		0.00	INR Zero Only
13	Cat6 Patch Cord (01 Meter)	10	Each		0.00	INR Zero Only
14	Cat6 Patch Cord (03 Meter)	10	Each		0.00	INR Zero Only
15	Supply of Cat 6 cable	305	Meter		0.00	INR Zero Only
16	Supply of PVC Conduit with accessories	300	Meter		0.00	INR Zero Only
17	Supply of Rack 9U	5	Each		0.00	INR Zero Only
18	Supply of Rack 15U	1	Each		0.00	INR Zero Only
19	Installation, Testing and Commissioning of above items, Integration of the complete RF Link System with required accessories and Integration with exiting OFC link as main-standby configuration.	1	Lot		0.00	INR Zero Only
20	Training & Documentation.	1	Lot		0.00	INR Zero Only
21	CAMC for 01st year	1	Lot		0.00	INR Zero Only
22	CAMC for 02nd year	1	Lot		0.00	INR Zero Only
23	CAMC for 03rd year	1	Lot		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words					INR Zero Only	

## Annexure-XIV

### CONTRACTORS BANK DETAILS FOR TRANSFER OF FUNDS BY AAI THROUGH RTGS

S.No.	Particulars	
1.	Name of the Party	
2.	Office Address	
3.	Type of Party's Organization	
	(a) Sole Proprietor	
	(b) Partnership	
	(c) Private Ltd. Company	
	(d) Public Ltd. Company	
4.	Name of Bank in which Party Maintains A/c	
5.	Bank Branch Code	
6.	Bank Account No.	
7.	IFSC Code	
8.	PAN No.	
9.	VAT/Sale Tax No.	
10.	GST NO.	
11.	NEFT CODE	
12.	MICR CODE	

## Section-VI RF LINK BASIC LAYOUT



“Supply, Installation, Integration, Testing, Commissioning and CAMC of Radio Link for Nav-aids Site at Jammu Airport”

## RF-LINK CONNECTION DIAGRAM

