

THE RAJASTHAN SMALL INDUSTRIES CORPORATION LTD
(A Government of Rajasthan Undertaking)

e-TENDER

FOR

Supply, Installation, Testing & Commissioning of
Dual View X-Ray Baggage Inspection systems

&

EXPLOSIVE TRACE DETECTOR (ETD)

With one year on-site Warranty and Five years Comprehensive Annual
Maintenance Contract with spares, at

AIRCARGO COMPLEX, AIRPORT, SANGANER, JAPUR

Tender Document Cost: Rs 2000/-(including GST)(Non refundable)

RISL Processing Fees: Rs. 1000/-(Non refundable)

Earnest Money Deposited: Rs. 1,80,000/-(Refundable)

S.No.	Schedule	Date	Time
1.	Publishing Date	28.06.2019	3.00 PM
2.	Document Download Start Date	28.06.2019	3.00 PM
3.	Document Download End Date	29.07.2019	1.00 PM
4.	Pre Bid Meeting	10.07.2019	3.00 PM
5.	Bid Submission Start Date	28.06.2019	3.00 PM
6.	Bid Submission End Date	29.07.2019	1.00 PM
7.	Bid Opening Date	29.07.2019	3.00 PM
8.	Price Bid Opening Date	Will be inform in due course	

Head Office

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Etender website: eproc.rajasthan.gov.in

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RSIC invites sealed e-tenders in two bid system from Original Equipment Manufacturer (OEM), Authorized Dealers and Indian agents for Supply, Installation, Integration, Testing & Commissioning of Dual View X-Ray Baggage Inspection systems & Explosive Trace Detector (ETD) with one year on-site Warranty and Five years Comprehensive Annual Maintenance Contract with spares , at AIRCARGO COMPLEX, AIRPORT, SANGANER, JAPUR through state government tendering portal i.e. eproc.rajasthan.gov.in

Bid/ tender set comprises of the following:

- a) Techno- Commercial Bid - (Part-I)
- b) Price Bid -(Part-II)

The Tender/Bid shall only be submitted through online tendering system of www.eproc.rajasthan.gov.in. The interested bidders shall have to be enrolled/registered with portal of www.eproc.rajasthan.gov.in for participating in the Bidding process.

- Pre Bid meeting Date 10.07.2019 & Time 3:00 PM
- Tender Document Download Start Date 28.06.2019 & Time 3:00 PM and Download End Date 29.07.2019 & Time 1.00 PM
- Bid Submission Start Date 28.06.2019 & Time 3:00 PM and Bid Submission End Date 29.07.2019 & Time 1.00 PM
- Bid Opening Date 29.07.2019 & Time 3.00 P.M

Tender shall be submitted along with earnest money and tender Cost (including processing fee) separately. DD towards tender cost of Rs. 2000/-(including GST) in favor RSIC and processing fee Rs 1000/- in favor of MD,RISL and DD of Rs 1,80,000 as EMD (2% of estimated value) in favor of RSIC. For details visit our website: industries.rajasthan.gov.in/rajsico or contact: Manager (EIS) on 0141-2227859

AGM (EIS)

NOTICE INVITING TENDER FOR SUPPLY, INSTALLATION, TESTING,
COMMISSIONING TRAINING AND MAINTENANCE OF X - RAY BAGGAGE
SCANNER SYSTEM AND EXPLOSIVE TRACE DETECTOR(ETD)

AT AIRCARGO COMPLEX, AIRPORT, SANGANER, JAPUR

TENDER IDENTIFICATION NO. -----

LAST DATE OF SUBMISSION OF SEALED TENDER 29.07. 2019 UPTO 1.00 PM

RSIC invites sealed tenders in two bid system from Original Equipment Manufacturer (OEM), Authorized Dealers and Indian agents for **Supply, Installation, Integration, Testing & Commissioning of Dual View X-Ray Baggage Inspection systems & Explosive Trace Detector (ETD) with one year on-site Warranty and Five years Comprehensive Annual Maintenance Contract withspares**, at AIRCARGO COMPLEX, AIRPORT, SANGANER, JAPUR.

1. The above said job should be completed in total period of 90 days.
2. Bid/ tender set comprises of the following:
 - a) Techno- Commercial Bid - (Part-I)
 - b) Price Bid -(Part-II)

The Tender/Bid shall only be submitted through online tendering system of **www.eproc.rajasthan.gov.in**. The interested bidders shall have to be enrolled/registered with portal of **www.eproc.rajasthan.gov.in** for participating in the Bidding process.

Pre Bid meeting Date 10.07.2019 & Time 3:00 PM ; Tender Document Download Start Date 28.06.2019 & Time 3:00 PM and Download End Date 29.07.2019 & Time 1.00 PM. ; Bid Submission Start Date 18.06.2019 & Time 3:00 PM and Bid Submission End Date 29.07.2019 & Time 1.00 PM. Bid Opening Date 29.07.2019 & Time 3.00 P.M

Tender shall be submitted along with earnest money and tender Cost (including processing fee) separately. DD towards tender cost of Rs. 2000/- (included GST) in favor of RSIC and processing fee Rs 1000/- in favor of RISL and DD of Rs 1,80,000 as EMD (2% of estimated value) in favor of RSIC. For details visit our website: **<http://industries.rajasthan.gov.in/rajsico>**

Part-1 (Technical Bid)

- a. Complete set of tender document Part-I (Techno-Commercial Bid) as issued, duly filled and signed and sealed by the Bidder on all pages along with all supporting certificates, work orders, etc of similar works preferably for Govt. institutions, PSUs, RSICs etc and other details as specified in tender.
- b. Demand draft/ Banker cheque for Earnest Money deposit (EMD) of Rs.1,80,000/- (2% of estimated value) from any scheduled/nationalized Bank in favor of **RSIC** payable at **Jaipur**.
- c. Addendum / corrigendum issued, if any, by the RSIC, Duly Signed.
- d. Other Submittals as indicated in the tender document Part-1.

Part-2 (Price Bid)

- a. Complete set of tender document Part-II (i.e., Price Bid) duly filled & signed by the Bidder.

Terms & Conditions (Two bid System -Technical &Financial)

- (i) The Tender Document is not transferable under any circumstances.
- (ii) Tender shall be submitted online only through www.eproc.rajasthan.gov.in
- (iii) No physical/offline Tender/bid shall be accepted
- (iv) The Earnest Money and Tender fee shall be in the form of Demand Draft / Banker Cheque of Schedule Bank drawn in favor of “The Rajasthan Small Industries Corporation Ltd.”. payable at Jaipur, the processing fee in favor of MD RISL payable at Jaipur shall be submitted in the office of the AGM(EIS), UydogBhawan, Tilak Marg, C-Scheme, Jaipur upto schedule date and time.
- (v) The Corporation reserve right to cancel the BID without assigning any reason to the Bidder or anyone else.
- (vi) The Service Tax, **GST** & other taxes payable if any, under the contract shall be paid by the Bidder
- (vii) Conditional tenders and casual letters sent by the Bidder will not be accepted.
- (viii) Bidders are requested to read the instruction in the Technical Document/Bid before submitting the Tender/BID online on eproc.rajasthan.gov.in
- (ix) The above terms & conditions of the Bids may also be seen on RSIC website **Industries.rajasthan.gov.in** along with the BID invitation Notice.

TERMS & CONDITIONS

Tenders in two parts are invited for “**Supply, Installation, Integration, Testing & Commissioning of Dual View X-Ray Baggage Inspection systems & Explosive Trace Detector (ETD) with one year on-site Warranty and Five years Comprehensive Annual Maintenance Contract with spares**” at Air Cargo Complex, Airport, Jaipur.

The estimated cost of the captioned work is approximately Rs. **60.0 Lakhs**.

1. Eligibility (Pre-qualification) Criteria:

Sr. no.	Parameters	
1	Bidder Firm	Original Equipment Manufacturer(OEM), Authorized Dealers and Indian agents
2	Average Sales Volume of the Agency in the last 3 years	The Agency should have at least annual sales turnover of Rs.1 Crore in the last 3 years.
3	Works executed in last 3 years	The Agency should have supplied and successfully installed at least Three X - RAY Baggage Scanner systems and Explosive Tracing Device
4	No. of years in same business	Minimum 5 years in the business is required
5	Office and Service centre at Jaipur	The agency should have service centre functioning in Jaipur or it should have its authorized dealer / service centre at Jaipur and the service centre should be functional for the duration of lifetime of the equipment (estimated 8 years) or The bidder submitted an undertaking that the firm shall establish its service centre at Jaipur within 30 days of award of work.
6	Reference site	Furnish details like name, address and telephone numbers of customers, to whom X - RAY Baggage Scanner systems and Explosive Trace Detector(ETD) at any Indian Airport during the last 3 years
7	No. of qualified engineers in Jaipur	Mention number of qualified engineers of the agency (Minimum one qualified engineers Degree/ Diploma holders) in Jaipur are required.

- Tender forms can be downloaded from the website **eproc.rajasthan.gov.in**. till **29.07. 2019**. The cost of tender documents, non-refundable sum of **Rs2000/-**(included GST) in the form of Demand Draft favoring **The Rajasthan Small Industries Corporation Ltd**, payable at **Jaipur** along with all the information / documents, mentioned in techno-commercial bid, will have to be submitted in two bids system sealed cover as mentioned above, addressed to AGM (EIS), The Rajasthan Small Industries Corporation Ltd. Udyog Bhawan, Tilak Marg, Jaipur-226001 up to **01.00 PM on or before 29-07- 2019** for RSICs' examination. After scrutiny, if any of the Bidder are not found to possess the required eligibility, their tenders will not be accepted by the RSIC for further processing.
- Part I of the tenders will be opened at 3.00PM hours on 29-07- 2019 in the presence of the Bidders who choose to be present. Part II (financial bid) of the tender will be opened on a subsequent date which will be intimated to the only Technically qualified Bidders .**

Signature and seal of the Bidder

Important Instruction:-The Law relating to procurement “ The Rajasthan Transparency In Public procurement Act, 2012” [hereinafter called the Act] and the “The Rajasthan Public procurement Rules, 2013” [hereinafter called the Rules] under the said Act have come into force which are available on the website of State Public Procurement Portal <http://sppp.raj.nic.in>. Therefore, the Bidders are advised to acquaint themselves with the provision of the Act and Rules before participating in the Bidding process. If there is any discrepancy between the provision of the Act and the Rules and this Bidding Document, the provisions of the Act and the Rules shall prevail.

1. Bidders should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/courier/given in person to the concerned official, so as to reach latest by last date and time of bid submission. The details of the DD /Bank Guarantee, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time otherwise the tender will be summarily rejected.
4. Bidders are required to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. The price bid has been given as a standard BoQ format (BoQ_xxxx.xls) with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the green colored (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.
5. For all those bidders/contractors submitting experience certificate issued by Private Organizations and not by Govt./Semi Govt./PSU, the bidder is required to submit TDS Certificate for the cost of work done.
6. Bidder shall submit **Performance/Experience Certificate** in respect of the works claimed against experience as mentioned in above at point no3. These certificates may be duly attested and issued by the **end-user agencies** for whom the works have been carried out and shall be endorsed by the bidder, clearly indicate the following:

Name & scope of work

Date & No. of contract/order

Contract value/quantity

Date of completion of work

Contact Details like Email/Phone No./Fax No.

Certificate that the supplied & installed systems have performed satisfactorily after Commissioning for Demo RSIC may inspect the machine installed by bidder.

Signature and seal of the Bidder

7. Bidder Firm shall submit Address, Fax & Telephone numbers of their maintenance set-up functional in India, or alternatively firm shall submit an undertaking that the bidding firm shall establish its own maintenance set-up in India at least within THIRTY days of the SAT, and shall be functional for the duration of life time of the equipment.
8. Proof of being Original Equipment Manufacturer (OEM) for the offered X - Ray baggage scanner system and Explosive Trace Detector (ETD) shall be submitted. OEM firm shall also submit an undertaking that the offered product(s) are not declared obsolete or end-of-life, and shall undertake to provide spares, sales, service and software support, in India for the life-time of the equipment.
9. Bidder firm or its Partners or its Directors have not been blacklisted or any case is pending or any complaint regarding irregularities is pending, 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. Bidder firm(s) not meeting this criterion may not apply. At any stage of evaluation, if it is found that the bidder firm has given wrong or misleading information, then bid of such bidder firm(s) shall not be evaluated further and shall be liable for rejection. In such cases, the corresponding bidder firm's EMD shall be forfeited and the bidding firm shall be blacklisted.
10. Bid should be evaluated on the basis of financial bid quoted by bidder subject to fulfillment of the condition.
11. The RSIC is not bound to accept the lowest tender and reserves the right to accept either in full or in part any tender. The RSIC also reserves the right to reject all the tenders without assigning any reason therefore.
12. Spares for the product offered should be available for at least 8 years after completion of works.

13. Warranty:-

- 13.1 The offer must include comprehensive onsite warranty of minimum three year (36 Months) from the date of installation and commissioning of the equipment.
- 13.2 Supplier shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship of all equipments, accessories etc., covered by the offer. The supplier must warrant all equipments, accessories, spare parts etc., against any manufacturing defects during the warranty period. During the warranty period the supplier shall maintain the equipment and repair/replace all the defective components at the installed site at no additional charge of whatsoever nature to the RSIC. The supplier should ensure that the defects in the X - Ray Baggage scanner system and Explosive Trace Detector(ETD) reported on any working day is set right on the same day and in no case later than the next working day. In case, the system or any equipment cannot be repaired within the stipulated period, the supplier should provide a replacement till the system/ equipment is returned duly repaired.

14. Annual Maintenance Contract (AMC) :-

- 14.1 RSIC decide to enter into AMC with the successful bidder, the supplier is expected to maintain the X - Ray Baggage Scanner System and Explosive Trace Detector (ETD) including all accessories/ components and software supplied for at least 8 (eight) years after the completion of work. Comprehensive onsite maintenance

Signature and seal of the Tenderer

charges, for the post warranty period must be quoted in Rupees per year in the Comprehensive Offer. During the warranty period and the comprehensive AMC period, the supplier is expected to visit the X - Ray Baggage Scanner System and Explosive Trace Detector(ETD) site at least once in a quarter for preventive maintenance/ servicing and on call by the RSIC any number of times in case of defects, if any, in the system without any additional cost to the RSIC and the supplier shall maintain the equipment and repair/replace all defective components, major or minor and may use for this purpose spares or consumables including conveyor belt and lead flaps (curtains) at no additional charge other than the AMC contract charges. The AMC charges will be released in two installments at the end of every six- month period from the date of the expiry of warranty, on satisfactory performance of the X - Ray Baggage Scanner System and Explosive Trace Detector (ETD) against submission of a service report.

14.2 After the post-warranty mandatory comprehensive AMC period, the supplier may continue the Annual Maintenance Contract at the price/charges as agreed upon by the RSIC and the supplier. If any of the peripherals, components etc. are not available or difficult to procure or if the procurement is likely to be delayed, the replacement shall be carried out with equipment of equivalent capacity or higher capacity at no additional charges to the RSIC during the warranty period and **05** years AMC period.

Signature and seal of the Bidder

LETTER OF OFFER**To**

AGM (EIS),
The Small Industries Rajasthan Small Industries Corporation Ltd, (RSIC)
Udyog Bhawan
TilakMarg, C-Scheeme,
Jaipur (Rajasthan) – 302005

Sub: Supply, Installation, Integration, Testing & Commissioning of Dual View X-Ray Baggage Inspection systems & Explosive Trace Detector (ETD) with one year on-site Warranty and Five years Comprehensive Annual Maintenance Contract with spares” at Air Cargo Complex, Airport , Jaipur.

Dear Sir,

Having visited the site and examined the contract documents, specifications and schedule of quantities, I/we hereby submit our offer for Supply, Installation, Integration, Testing & Commissioning of Dual View X-Ray Baggage Inspection systems & Explosive Trace Detector (ETD) and its annual maintenance contract. I/we herewith submit duly filled in tender signed by authorized signatory along with Earnest Money Deposit of Rs.1,80,000/- (2% of estimated value) as per the terms of tender. In the event of my/our tender being accepted, I/we agree to execute the necessary contract agreement required by you. I am/we are aware that the RSIC intends to complete the entire work as covered in the scope of this tender within scheduled completion period with time being essence of the contract. As required by you, I/we are submitting herewith the tender documents duly signed by us at each page in token of our acceptance of the provisions in the documents. Should this tender be accepted, I/We hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed hereto and the rates are quoted in the schedules price bid (Part II).

Thanking you,**Yours faithfully,****Signature****(Name of the Authorized signatory) Name of the Bidder Seal :****Address :****Place & Date:**

TERMS & CONDITIONS WITH SPECIAL INSTRUCTIONS

- 1 The item rates agreed at the time of acceptance of tender will remain valid throughout currency of contract and fluctuations in the prices of any material, equipment, labor etc. except will neither be considered at any stage during currency of contract nor be compensated.
- 2 If the Bidder fails to accept the work order issued at the rates originally quoted by him in bid (and negotiated subsequently, if any), the Earnest Money shall be forfeited.
- 3 Bidder shall sign all pages and wherever provided in the tender failing which the tender shall be liable for rejection. Tenders which do not contain DD towards tender cost of Rs. 2000/- (included GST) in favor RSIC and processing fee Rs 1000/- in favor of MD RISL and DD of Rs 1,80,000 as EMD (2% of estimated value) in favor of RSIC and that do not fulfill any of the conditions mentioned herein will be rejected.
- 4 The tender shall be submitted only in the prescribed tender documents. Scanned copy of DD for the Earnest Money deposited Tender cost and processing fee shall be submitted (uploaded) with the tender form.
5. The Bidder should study all the tender documents carefully and understand the same including all instructions, conditions and specifications, etc. before quoting the rates. If there are any doubts, they should get clarification in writing but, this shall not be a justification for submission of late tender or extension of opening date. Tender should be submitted strictly in accordance with the specifications and other tender documents.
6. Please note that all the rates for the items will be inclusive of any taxes which may be applicable and inclusive of handling, transportation, unloading and any other relevant charges. These rates would remain firm during the contract and no escalation under any circumstances would be admissible
7. The quoted rates should be inclusive of all equipment, lift, materials, labour, octroi, duties, GST, turnover tax, customs duty, etc. required in connection with the completion of work to the entire satisfaction of the client and consultants. All the material are to be supplied by the Bidder unless otherwise stated. No claims for upward revision of rates will be allowed on account of any increase in tax, duty, etc. The selected contractor is required to produce the proof of payment of various taxes, if desired by RSIC.
8. All taxes and duties shall be paid by Bidder including works contract tax, and octroi.
9. Variation in taxes, if any, shall not be paid / recovered during the period of contract.
10. Every page of the tender document shall be signed by the Bidder at the end of last entry thereon.

Signature of the Bidder

11. All entries in tender document should be in English and readable. All corrections should be attested under full signature of the Bidder. Corrections where necessary should be made by scoring the wrong words/figures by drawing a line across them and attesting these with full signature of the Bidder. These shall not be erased or overwritten.
12. The tenders shall be valid for period of 120 days from the date of submission of the tender. No upward revision of rates will be accepted after opening of the tender. If the tender fails to accept the work order, if placed at his originally quoted rates, or subsequently negotiated rates, as the case may be, the Earnest Money shall be forfeited once the tender is accepted and the Work Order is placed on the successful Bidder the rates shall be valid till the entire contract (100%) is completed.
13. If RSIC decides to place Work Order for Additional scope of work in the same premises or to amend the original work for additional scope of work in the same premises, the Bidder shall be bound to accept the same at rates contained in the original work order; provided such work order or amended is issued prior to completion of the work contained in the original work order.

14. copy of partnership Deed/ MOA

A self certified copy of partnership Deed/ Memorandum of Article association should be sent along with the tender. Power of Attorney of authorized signatories is also required to be submitted with tender (Technical Bid).

15. Acceptance of Tender

Incomplete tenders, conditional tenders, tenders received through courier / post or late or tender not confirming to the terms and conditions prescribed in the tender documents or not accompanied by the requisite Tender fee, Processing fee and earnest money will be rejected. Requests for adjustment of pending bills or any other amount towards Earnest Money Deposit will not be entertained.

16. Acceptance of Letter Of Intent (LOI) by Tenderer

- a. After communicating the RSIC acceptance of the tender, if the Bidder fails to return the duplicate copy of Letter of Intent duly signed in token of their acceptance within 7 working days from the date of issue of LOI , the Earnest money Deposit will be forfeited assuming no interest in the work shown by the Bidder.
- b. **AMC (Annual Maintenance Contract)**
The RSIC reserves rights to enter in to comprehensive AMC after the expiry of comprehensive warranty of the equipment under consideration. The supplier also undertakes support and ensures spares availability for the equipments under supplies of at least a period of 8 years from the date of commissioning. Proportionate payment for AMC charges shall be made yearly after successful completion.

Signature of the Bidder

17. Execution of Work

- a. The responsibility of safety and security of equipment brought or installed by the Bidder (till they are handed over to the client) will remain with the Bidder and any claim whatsoever nature due to any loss or otherwise will not be entertained . The Bidder will have to hand over complete job in its entirety of Work Order.
- b. The Bidder is not entitled for any sort of compensation towards materials procured / stored in excess of the actual required / measured quantities, if any.
- c. The Bidder shall carry out works as per directions in the tender/ work order. The Bidder shall not undertake on his own any changes in the specifications mentioned in the tender documents and work orders. In case of doubt, the Bidder will refer the matter in writing to the RSIC and Bidder shall carry out the item of works as per clarifications given in writing.
- d. The RSIC reserves the right to increase or decrease the tendered quantity of any or every item and delete any item at any stage of work. Bidder shall execute the increased quantity at the accepted tender rates. The Bidder's claim for compensation or damages on account of these shall not be entertained.
- e. If the performance of the successful Bidder is found to be unsatisfactory, the RSIC reserves the right to cancel in part or whole of the contract and get the works executed through alternative means at the entire risk and cost of the contractor on whom the order was first placed by giving 7 days notice. In such cases, the Bidder should make good all losses that the RSIC may incur due to this.
- f. If the Bidder does not complete the contract within the prescribed time limit given in the LOI / Tender documents, the RSIC may give from time to time such extension of time limit for completion of work without prejudice to the RSIC right to recover liquidated damaged as per the terms and conditions given in the contract.
- g. The RSIC reserves the right to reject any or all of the tenders received without assigning any reason thereof. Further, the RSIC reserves the right to avoid any component of the work, split the work to two tender or to award the entire work to one Bidder
- h. The Bidder shall carry out & complete the work in every respect in accordance with this contract and with the direction of and to the satisfaction of RSIC.
- I. The Bidder shall provide everything necessary for the proper execution of the works according to the true intent and meaning of the drawing, specification and schedule of quantities taken together whether the same may or may not be particularly shown or described therein, provided that the same can be inferred there from and if the Bidder finds any discrepancy in the drawings or between the drawings, specifications and schedule or quantities be shall immediately refer the same in writing to the RSIC, and the decision of the RSIC shall be final and binding on all parties.
- j. Time shall be considered as essence of the contract. The RSIC reserves the right to terminate the contract if the Bidder fails to execute the job within the specified period.
- k. In all matter of dispute arising on the work, the decision of Managing Director, RSIC shall be taken as final and will be binding on the Bidder.
- L. No extra work shall be executed by the Bidder without written permission of the RSIC. For execution of any extra item Bidder shall submit rate analysis with necessary documents/quotation/bills etc.

Signature of the Bidder

18. As the work is to be executed in the Air Cargo complex at Airport, Jaipur a unit of the RSIC, the Bidder should maintain necessary decorum while installation of the equipments. He shall also coordinate with the RSIC's in charge of unit as also arrange for proper cleaning and removal of debris from site if any. Any misbehavior/ non compliance in the matter will be reviewed seriously and suitable action viz., removal of his labor, termination of contract; penalty etc would be initiated at the discretion of the RSIC.

19. Inspection

Post delivery and installation, Site Acceptance Test (SAT) will be done by the constitute Committee by RSIC with following members.

- A. One officer from RSIC,
- B. Technical Expert deputed from AAI, Jaipur
- C. BCAS certified Airline scanner

This Committee will check the details of the technical parameters claimed by the Bidder.

20. Security Deposit

- i) The successful Bidder shall furnish a Security Deposit of Rs 3,00,000/- (Rupees three lacs) (5% of estimated value) before commencement of the contract, failing which the Earnest Money Deposited mentioned above will be forfeited in full and the Contract shall be liable to be cancelled at his risk and cost subject to such other remedies as may be available to the Corporation under the terms of the Contract. This amount shall be deposited with the Corporation in the form of a bank draft, FD and inform of Bank Guarantee drawn in favor of "The Rajasthan Small Industries Corporation Limited" payable at Jaipur. The Earnest Money will be adjusted against the Security Deposit.
- ii) If the successful **Bidder** had previously held any contract and furnished Security Deposit, the same shall not be adjusted against this Contract and a fresh Security Deposit will be required to be furnished.
- iii) Any amount of dues of the Corporation standing against the Contractor shall be deducted from the Security Deposit, or from any other amount payable to the Contractor, including other contracts. In the event of the Security Deposit being found insufficient or if the Security Deposit has been wholly forfeited, the balance of the sum recoverable, as the case may be, shall be deducted from any sum then due or which at any time thereafter may become due to the Contractor under this or any other contract with the Corporation. Should that sum, also be not sufficient to cover the full amount recoverable, the Contractor shall pay to the Corporation on demand the remaining balance due.
- iv) Whenever the Security Deposit falls short of the specific amount, the Contractor shall make good the deficit so that the total amount of the Security Deposit shall not at any time be less than the specified amount.
- v) The Security Deposit may be forfeited if the Contractor leaves the Contract before the expiry of the Period of Contract or if he puts the Corporation to a financial or other loss by his conduct or otherwise or if he breaches any of the terms and conditions of the Contract or for any other reason by which he renders himself persona *non grata* for the Corporation.

Signature of the Bidder

- vi) The Security Deposit shall be refunded to the Contractor six months after the successful completion of the Contract and issuance of a “No Dues Certificate” by the RSIC, In-charge, Air Cargo Complex, Jaipur. However, even if there is any delay in refunding the Security Deposit, the Contractor will not be entitled to any interest.
- vii) No interest shall be paid on the Security Deposit or any other amount withheld for any reason or lying with RSIC in any form under the Contract.

21 Validity of Bids

Each Bid shall be considered to be a firm offer and further, that the offer shall remain valid and open for a period of not less than 90 days from the last date of “submission of Tenders”. Any prospective Bidder cannot withdraw his offer.

22 Rejection of Bids

Offers submitted by **Bidder/s** shall be rejected where the prospective Bidder or someone on behalf of such prospective Bidder directly or indirectly offers any monetary or other inducement to influence the members of the Evaluation Committee or any other authority with a view to securing the Contract, make false or misleading statements to influence RSIC in any way in the process of examination, clarification, evaluation and comparison of offers or questioning RSIC’s decisions concerning the award of the Contract.

23 Payment Schedule

After Site Acceptance Test (SAT) recommendation of Constituent Committee 90% payment will be made by RSIC. Rest 10% amount will be released after warranty Period.

24 Settlement of Disputes and Adjudication

1. All disputes and differences arising out of or in any way concerning financial and /or accounting matters shall be referred within a period of 3 months and resolved by a dispute settlement committee constituted by the Managing Director for the purpose.
2. All disputes and differences arising out of or in any way concerning this Contract shall be referred to the Managing Director himself, herself or his or her nominees for the sole arbitration/adjudicator for adjudication. There will be no objection to any such appointment on the ground that the person so appointed is an employee of the Corporation, that he has dealt with the matters to which the Contract relates and that in the course of his duties. Matter referred to the arbitrator shall not be more than the value of Rs. 25 Lacs in case of value of more than Rs.25 Lacs matter will be referred to the jurisdiction court as per law. As such arbitration shall be final and binding on the parties to the Contract. If the person to whom the matter was originally referred to for arbitration becomes unable to function on account of vacation of office, transfer, resignation, retirement from services, suspension or for any other reason whatsoever, the Managing Director shall nominate another person to take over his function as soon as possible. Such person shall proceed further from the stage where the matter was left by his predecessor. The arbitrator shall give reasons for the award.

Signature of the Bidder

3. Any demand for arbitration in respect of any claim(s) of the Contractor shall be in writing and made within one year of the date of termination or expiry of the Contract or the arising of disputes or differences, failing which the claim(s) of the Contractor shall be deemed to have been waived and absolutely barred and the Corporation shall be discharged and released of the liabilities under the Contract.
4. The venue of arbitration shall be Jaipur.
5. The work, under the Contract shall, if not impossible continue during the arbitration proceedings and no payment due or payable to the Contractor shall be withheld on account of such proceedings.
6. The provisions of the Arbitration and Conciliation Act, 1996 shall apply to the Arbitration proceedings under this Clause.
7. The cost of Arbitration shall be borne by the parties as per the decision of the Arbitrator.
8. It is agreed between parties that In case of dispute the jurisdiction of court cases shall be Jaipur only.

I / We hereby declare that I / We have read and understood the above instructions and the Same will remain binding upon me / us in case the work is entrusted to me / us.

Signature of the Bidder

Place:

TECHNICAL BID

**Supply, Installation, Integration, Testing & Commissioning of
Dual View X-Ray Baggage Inspection systems & Explosive Trace Detector (ETD)
at Air Cargo Complex, Airport , Jaipur.**

Technical Bid (Part-1)

(A) - Format for submitting Eligibility Criteria : (To be filled by the Tenderer with necessary documents)

<u>Sr. No.</u>	<u>ELGIBILITY CRITERIA</u>	<u>REMARKS & Page number of the relevant document submitted for easy reference.</u>	
		<u>DESCRIPTION</u>	<u>REMARKS</u>
1.	<p>(a) Only <u>Original Equipment Manufacturers (OEM), their authorized dealers and Indian agents along with current valid authorization certificate (To be attached)</u> (i.e. experience of SITC of X - Ray baggage scanner system and Explosive Trace Detector(ETD).</p> <p>(b) Agency should have supplied and installed at least three X - RAY Baggage Scanner systems, and Explosive Trace Detector(ETD) at any Indian Airport.</p> <p>(c) Have a minimum at least yearly turnover of Rs.1 Crore during last <u>3 years</u> (2015 -16 , 2016-17 and 2017-18)</p> <p>(d) Have the <u>authorized service set up in Jaipur</u> for rendering after sales service.</p>		
2	OEM's certificate certifying that availability of spares during service contracts, warranty and AMC period will be their responsibility.OEM shall furnish a certificate that the offered model shall not be obsolete as on date and ensure the availability of spares up to 8 years from the date of installation ..		
3	Composition of the Bidder - copy of the Articles of Association / Power of Attorney on stamp paper of Rs.100/-in the name of authorized signature of tender.		

Signature of Bidder firm authorized Signatory

4	<p>Work experience & Completion certificate of similar works during the specified period.</p> <p>These certificates may be duly attested and issued by the end-user agencies for whom the works have been carried out and shall be endorsed by the bidder, clearly indicate the following:</p> <p>a) Name & scope of work b) Date & No. of contract/order c) Contract value/quantity d) Date of completion of work e) Contact Details like Email/Phone No./Fax No. f) Certificate that the supplied & installed systems have performed satisfactorily after commissioning.</p>		
5	Turn over during the specified period (Indicate turnover for three FYs- 2015-16, 2016-17 and 2017-18) attach supporting documents.		
6	Name(s) and address(es) of the costumers to whom X-Ray Scanner and Explosive Trace Detector(ETD) has been supplied and their present contact details of End users		
7	Name and address of Local office and service centre at Jaipur (If any)		
8	EMD Rs... (2% of estimated value)		
9	Cost of the Tender FORM, Non-Refundable payment of Rs.2000/- (included GST) per and in cash / Demand Draft.		

Note: Please attached the copy of documents (Details mentioned without relevant/necessary proof shall not be considered)

1. Price Bid of technically qualified bidding firms opened by RSIC shall then be examined and evaluated by RSIC for overall economy, as per tender terms & conditions, and the overall lowest economical quote against the complete scope of work defined in this tender shall be considered for award.
2. No Deviations to the offered items is acceptable.
3. The tenders shall be compared on the basis of price quoted by the bidder firm for the entire scope of proposal on SPP portal. All the tenders shall be evaluated for the supply cost of equipment, accessories and expenditure towards services like installation, training, transportation, insurance, comprehensive maintenance contract with spares and all applicable quotes.
4. The acceptance of the tender shall be intimated to the successful bidder firm by RSIC through FAX/letter/telephone/e-mail, etc.

Signature of Bidder firm authorized Signatory

(B) - Commercial Conditions- Acceptance check list

<u>Sr. No.</u>	<u>Description</u>	<u>RSIC Terms</u>	<u>Tenderer's terms and Acceptance of RSIC terms</u>
1	Validity of offer/Rate	90 days	
2	EMD	Rs 1,80,000/-(2% of estimated value)	
3	Terms of payment	(a) 90% of the contract value on successful completion of works and completion of SAT (b) 10% of the contract value after completion of warranty period.	
4	Prices/ Rates	Should be quoted inclusive of all taxes, duties, octroi, entry tax, transportation, loading/unloading, insurance, levies, GST, etc. during the contract period.	
5	Warrantee Period	Minimum 12 months from date of successful handing over, installation and successful completion of SAT	
6	Service after sales	Free of cost during the Warranty period. AMC after completion of warranty period.	
7	Completion period	90 Days from date of award of contract.	
8	Liquidated damage for delay in supply / installation	1% per week of the Capital cost of Equipment.	
9	Time allowed for rectification and penalty	Maximum 24 Hours on receipt of complaint and <u>penalty @ Rs.1000/- per day thereafter</u> .	
10	Service facility	Shall be available at the centre (Jaipur) where X-Ray Scanner and Explosive Trace Detector (ETD) is to be installed and shall be approachable on telephone/ mobile.	
11	Address of Service centre at Jaipur		
12	Contact Person's Name and mobile no.		
13	Number of Service Engineer available in service centre at Jaipur	Minimum one qualified engineers (Degree/ Diploma holders) in Jaipur are required	
14	Name and Contact details with number of Service Head at Jaipur		

Signature and seal of theBidder

(C) OTHER TERMS & CONDITIONS

For stating **Compliance**: Write “C” in the third column below.

For stating **Non-compliance**: Write “NC” in the third column below.

For stating **Partial compliance** or **conditional compliance**: Write “PC” in the third column below.

Details of Compliance and Highlighted reference Page No. & Clause No. of attached document must be submitted along with Technical Bid.

S. No.	REQUIREMENT	Statement of compliance
1.	LIQUIDATED DAMAGES	
i.	In case of delay in completion of the contract or each milestone of contract for supplies, SAT and training attributed to contractor, 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.	
ii.	RSIC, 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. In the event of extension granted with levy of L.D, RSIC 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.	
iii.	Extension of Time: In case of work getting delayed beyond the stipulated date of completion of the work, then firm may apply for Extension of Time to keep the contract alive, well before the actual stipulated date of completion. Authority shall issue provisional Extension of Time up to the expected date of completion. This provisional extension of time will be granted without prejudice to the right of RSIC to recover the liquidated damages in accordance of provision of relevant clause of agreement.	
2.	TIME: THE ESSENCE OF CONTRACT	
	The time and date of completion of the works, as contained in the tender and as agreed to contractually, shall be final and binding upon the contractor, except in the event of Force Majeure as described under clause 3 of this section and delay in site readiness. It must be understood that the bidder has made the proposal after fully considering all such factors which may have any bearing on the time schedule of the contract, and no extension in the schedule whatsoever shall be permitted on these accounts by RSIC.	
3.	FORCE MAJEURE	
i.	RSIC may grant an extension of time limit set for the completion of the work, in case the timely completion of the work is delayed by force majeure beyond the RSIC/bidder firm's control, subject to the following terms: Force majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms, etc.), acts of	

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	states, the direct and indirect consequences of wars, hostilities, national emergencies, civil commotions and strikes (only those which exceed a duration of ten continuous days) at bidder firm manufacturing premises, etc.	
	The bidder firm's right to an extension of the time limit for completion of the work in above mentioned cases is subject to the following procedures:	
ii.	That within TEN days after the occurrence of a case of force majeure but before the expiry of the stipulated date of completion of the milestone, the bidder firm informs the RSIC in writing that the bidder firm considers himself entitled to an extension of the time limit.	
iii.	That the bidder firm 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.	
iv.	That the bidder firm proves that the said conditions have actually been interfered with the carrying out of the Contract.	
v.	That the bidder firm proves that the delay occurred is not due to his own action or lack of action.	
vi.	Apart from the extension of the time limit, force majeure does not entitle the bidder firm for any relaxation or to any compensation of damage or loss suffered.	
4.	PRICE	
i.	The bidder firm shall confirm that quoted prices shall be firm and fixed and subject to no escalation whatsoever till the validity period of the tender/contract.	
ii.	The foreign bidder firm & Indian Bidder firm shall bid on supply at site basis i.e. supply at site for foreign/Indigenous supplies.	
iii.	For works involving Installation, Testing and Commissioning services, the bidder firm/service providers shall separately and clearly indicate the GST component, if any.	
iv.	Only normal rates of GST shall be considered. Bidder firm shall be responsible for quotes of GST at wrong rates and shall defend itself at its own cost with government/Tax authorities.	
v.	In case of no GST quote is indicated in the price bid then the bidder price quoted shall be loaded at current applicable rates for evaluation of bid. The payment of GST shall be released to the Contractor against submission of documentary proof of payment of GST.	
5.	VALIDITY OF TENDER	
	The tender must remain valid for a minimum of ONE HUNDRED EIGHTY days from the last date of submission of tender.	
6.	PAYMENT TERM:	
	Payment to the bidder firm shall be made in the following manner:-	
	90 % amount of purchase order price for supply cost of equipment & accessories including documentation, installation, testing, commissioning and training charges, upon successful completion of SAT, against submission of the following documents in ORIGINAL :	

	<p>i. Certificate of completion of successful SAT and Training, issued by authorized representative of RSIC.</p> <p>All Payments shall be released after adjusting any compensation for delay which firm might have rendered themselves liable as per provisions of contract and applicable income tax and any applicable deductions.</p> <p>Rest 10% amount will be released after warrantee Period.</p>	
7.	GUARANTEE/WARRANTY	
i.	All goods or material shall be supplied strictly in accordance with the specifications. No deviation from such specifications of these conditions shall be made without RSIC agreement in writing, which shall be obtained before any work against the order is commenced. All materials furnished by the bidder firm pursuant to the Order are required to be guaranteed to be of the best quality of their respective kinds (unless otherwise specifically authorized in writing by RSIC and shall be free from faulty design to the extent such design is not furnished by RSIC. The goods/material used by the bidder firm and its workmanship shall be of proper quality so as to fulfill in all respects, the operating conditions and other requirements specified in the order.	
ii.	If any trouble or defect originating from the design, materials, workmanship or operating characteristic of any materials arise at any time prior to TWELVE calendar months from the date of successful SAT at site , and the bidder firm is notified thereof, the bidder firm at his own expense and at no cost to RSIC, make such alterations, repairs and replacements at the site within 48 hours as may be necessary to permit facilitate the functioning of the equipment in accordance with the specifications.	
iii.	Warranty period of the system, unit-wise, shall be extended by one week per week of unserviceability, (part of week to be treated as one week), for each default, in case of failure to set right the system to the satisfaction of RSIC Engineer in-Charge within 48 hours of the lodging of complaint by RSIC to company.	
8.	SITE ACCEPTANCE TEST (SAT) & COMMISSIONING	
i.	The bidder firm shall supply, install, test and commission all hardware and software as per the requirement of the tender with the system. Bidder firm shall supply Technical documents (hard and soft copy - one set each) at Ultimate User consignee site with each Equipment. The system shall be commissioned after successful completion of SAT approval, operational & maintenance training and all the works under the scope of the tender.	
ii.	Completion Certificate: Completion Certificate shall be recorded by RSIC, on completion of the work in all respect and the same shall be issued to the contractor on request. The completion certificate shall specify the date of successful completion and completion cost of work, with other details.	
9	INSTALLATION AND COMMISSIONING STANDARDS:	
a	Installation shall be carried out by technically well qualified and certified personnel as per the requirements.	
b	Liability, if any, arising out of such third party contracts to any other vendor by contractor shall be to contractors account.	
c	In no case RSIC shall be liable on behalf of contractor to any other third party	

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	contractor/Government of India/State/Regulatory Authorities.	
d	Any liabilities arising out of such third party contracts by contractor or its men working at site shall be only to contractors account and shall be deducted out of its running bills.	
10	Deviations /Variations Extent And Pricing	
(i)	<p>The time for completion of the work shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended, if requested by the contractor, as follows.</p> <p>I. In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus</p> <p>II. In case of extra deviation substitute items, which are required to be imported from out of country, the contractor shall be given additional time of four weeks to deliver items at site.</p>	
(ii)	Deviation, Extra Items and Pricing	
	In the case of extra item (s) (items that are completely new, and in additional to the items contained in the contract) the contractor may within fifteen days of receipt of order or occurrence of the item(s) claim rates, supported by proper analysis, for the work and the RSIC,ACC In-Charge shall within Six weeks of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rate so determined.	
11	Carrying out part work at risk & cost of contractor	
	<p>If contractor:</p> <ol style="list-style-type: none"> a. At any time makes default during currency of work or does not execute any part of the work with due diligence and continues to do so even after a notice in writing of 7 days in this respect from the RSIC,ACC In charge or b. Commits default in complying with any of the terms and conditions of the contract and does not remedy it or takes effective step to remedy it within 7 days even after an notice in writing is given in that behalf by the RSIC,ACC In-Charge; or Fails to complete the work(s) or items of work with individual dates of completion, on or before the date(s) so determined, and does not complete them within the period specified in the notice given in writing in that behalf by the Engineer-in-Charge. The RSIC,ACC In-Charge may, without prejudice to any other applicable contract clause right or remedy against the contractor which have either accrued or accrue thereafter to Government, by a notice in writing to take the park work / part incomplete work of any item(s) out of his hands and shall have power to: <ol style="list-style-type: none"> (a) Take possession of the site and any materials, constructional plant, implements, stores etc., thereon, and/or (b) Carry about the part work /part incomplete work of any item(s) by any means at the risk and cost of the contractor. <p>The RSIC,ACC In-Charge shall determine the amount, if any, is recoverable from the contractor for complete of the part work/part incomplete work of any item(s) taken out of his hands and execute at the risk and cost of the contractor, the liability of contractor on account of loss or damage suffered by</p>	

	<p style="text-align: center;">22</p> <p>Government because of action under this clause shall not exceed 10% of the tendered value of the work.</p> <p>In determining the amount, credit shall be given to the contractor with the value of work done in all respect in the same manner and at the same rate as if it had been carried out by the original contractor under the terms of his contract, the value of contractor's materials taken over and incorporated in the work and use of the plant and machinery belonging to the contractor. The certificate of the RSIC, ACC In-Charge as to the value of work done shall be final and conclusive against the contractor provided always that action under this clause shall only be taken after giving notice in writing to the contractor. Provided also that if the expenses incurred by the department are less than the amount payable to the contractor at his agreement rates, the difference shall not be payable to the contractor.</p> <p>In the event of above course being adopted by the Engineer-in-Charge the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract.”</p>	
12	Special Conditions of contract	
	<p>i. In case the contracting firm is found indulging in acts inimical to India's national security, the license/tender/ contract will be terminated.</p>	

Signature of Bidder firm authorized Signatory

Name:

On behalf of:

Firms Stamp:

TECHNICAL SPECIFICATIONS COMPLIANCE**(A) Dual View X-Ray Baggage Scanner/Inspection System (XBIS)****NOTE:**

The Bidders shall submit only one proposal that meets the specification of this tender document, indicating clearly the make and model of each item of equipment being offered. Other product or alternative offer shall not be accepted or considered for evaluation. In respect of different items of equipment required for the system, only the offered item of each type of equipment shall be submitted in the technical bid. Any Bidder who submits complete range of models for each individual item of equipment or offers multiple

alternatives as a choice for individual item without clearly indicating the model that is actually offered for this work, shall have his tender out-rightly **rejected without any correspondence.**

- i) For stating **compliance**: Write “C” in the third column below.
- ii) For stating **Non-compliance**: Write “NC” in the third column below.
- iii) For stating **Partial compliance** or **conditional compliance**: Write “PC” in the third column below.
- iv) Against each compliance statement, write specific Para and page of supporting technical documentation (from which the stated compliance could be verified in fourth column below).

Specifications of the equipment better than those mentioned below shall be accepted.

The specifications detailed hereunder are the minimum requirements. Bidders may offer System/Equipment/Accessories/Software of better specifications as per system design proposed by the bidder. However, no preference or weightage shall be given to bidder for offering such System/Equipment/Accessories/Software of specifications higher than the tender specification.

Sl. No.	Requirement	Statement of compliance
1.	General Requirement:	
1.1.	The equipment shall be compact, fully solid state, highly reliable and shall use latest state of the art technology.	
1.2.	The system has to be designed to operate for 24 hours per day, 365 days in a year.	
1.3.	Hot standby arrangement should be provided for Control Circuits, Servers, Network components, storage, UPS power etc.	
1.4.	The design and selection of equipment shall be consistent with the requirements of long term trouble free operation with highest degree of reliability and maintainability.	
1.5.	All equipment shall be continuously operate safely without undue heating, vibration, wear, corrosion, electromagnetic interference or any similar problems.	
1.6.	The system shall be designed for continuous operation. The design life of the equipment shall be a minimum of SEVEN years.	
1.7.	This life shall be achievable through normal and regular maintenance and without major dismantling or overhauling, etc.	

Signature of Bidder

1.8.	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.	
1.9.	The OEM shall undertake and ensure implementation of its offered solution and shall keep in view safety and protection of personnel during normal operation and maintenance.	
1.10.	Safety and protection of personnel during normal operation and maintenance or during malfunctioning of any equipment shall be ensured as an integrated feature of design, manufacture and installation. Adequate protection shall be included for ensuring safety of personnel from any possible hazards, including EMI radiation, high voltages, etc. The bidder shall furnish the details of EMI and Safety Standards met by offered equipment's and built in safety features.	
1.11.	The equipment shall be constructed on a modular basis, using plug-in type units and components to the extent possible. Parts subject to failure, wear, corrosion or other deteriorations or requiring occasional inspection, adjustment or replacement shall be made accessible and capable of convenient inspection and removal. All plug in units and modules shall fit on slide rails and shall be removable from front of cabinet. Connectors shall be provided with keys to prevent insertion so furnishing the wrong way or into a wrong slot.	
1.12.	Input/output termination cables shall be properly labeled to permit ready identification of the incoming/ outgoing wiring.	
1.13.	All interconnecting cables shall also be appropriately labeled to facilitate convenient interconnection and minimize chances of incorrect connection.	
1.14.	All interconnecting cables required to inter connect the equipment shall be supplied. All cables shall be fully assembled, connector pre- terminated and factory tested at the time of supply as part of overall system check.	
1.15.	The contractor shall furnish all equipment, parts, materials, cables, conduits and any other supplies required, to satisfactorily effect the complete installation of the proposed system in a professional manner.	
1.16.	The work herein specified shall be performed by fully competent workmen in a thorough professional manner. All materials furnished by the contractor shall be new, and shall conform to applicable Indian standards or any international standard.	
1.17.	All equipment except portable equipment shall beheld firmly in place except to the extent that proper performance criterion dictates the use of a resilient shock absorbing mounting. All fastening and supports shall be adequate to support their loads. All switches, connectors, outlets etc. shall be clearly, logically and permanently marked. Adhesive Tape Markers and screen printed Markers liable to erasure during use will not be acceptable.	

Signature of Bidder

1.18.	The contractor must take such precautions as are necessary to guard against electromagnetic and electrostatic interference, to provide adequate ventilation, and to install the equipment to ensure maximum safety to the operators and other personnel in the area.	
1.19.	Care shall be taken in wiring so as to avoid damage to cables and equipment all joint and connections shall be made with resin cored solder or with suitable connectors. All wiring shall conform to the code of practice for electrical wiring/installations.	
1.20.	The contractor has to ensure that while installation of the system, the Airport operation is not disrupted.	
1.21.	All cables shall be marked and colour-coded for easy recognition. Proper cable ends or plugs/sockets/multi-pin connectors shall be used for ending of each cable. Cable ends & terminating points shall be marked in such a way that it can be connected without referring to the Technical Manual every time.	
1.22.	Cost of connectors and other accessories required for completion of work is deemed to be included in the quoted prices.	
1.23.	While designing the system, particular attention should be given to the maintenance part. Mechanical designs shall be such that all the inside components of different units of the system are clearly visible & easily approachable for the purpose of testing & servicing the units. Modular concept using Plug-in type of modules shall be used. Wires used for interconnecting these PCBs shall be neatly bunched and routed. These wires shall be connected to the PCBs through multi-pin, plug-in type of connectors to facilitate easy removal of PCBs for servicing.	
1.24.	Test points are to be provided & marked at all the required points in the equipment units. Voltages/data flow chart etc. shall be given in the technical manual.	
1.25.	RELIABILITY, AVAILABILITY, MAINTAINABILITY	
a)	The equipment design shall employ the most suitable engineering techniques, materials and components and rigorous inspection during manufacturing to ensure a very high MTBF (Mean Time between Failures) of equipment. The statistical estimated MTBF figures shall be indicated and supported by calculation.	
b)	All systems to be provided shall be designed and constructed to operate continuously between scheduled maintenance shutdowns for the Operational Lifetime.	
c)	Bidders shall describe the methodology, techniques and processes used to conduct the Reliability, Maintainability, and Availability (RMA) analysis. Maintainability is expressed as a probability that a system shall be restored to a specified condition within a given period of time when the maintenance is performed in accordance with prescribed procedures and resources.	

Signature of Bidder

	<p>The Mean Time to Restore (MTTR) the equipment specified herein shall not exceed 40 minutes except in case of failure of X Ray generators.</p> <p>Availability is the probability expressed as a percentage, that a system, under the combined aspects of its reliability, maintain ability and maintenance support, shall perform its required function at random point in time.</p>	
e)	The bidder shall provide the figures of operational availability and reliability for the system.	
f)	The bidder shall also provide all availability and reliability figures for each sub-system proposed under this project.	
2.	The Scope of work includes Supply, Installation, Testing and Commissioning of Dual View X-RayBaggage Scanner/Inspection System (XBIS)at RSIC, ACC Sanganer airport , Jaipur	
2.1	Tunnel size (W X H): (1000-1100 mm) X (1000-1100 mm)	
2.2	Belt Height: (600 mm – 850 mm)	
2.3	Conveyor load capacity (Distributed) : 150 kg or more	
2.4	I/P motorized conveyer length: 1600 mm – 1800mm	
2.5	Outputdropchutelength:1600mm–1800mm	
2.6	I/P motorized conveyor belt with necessary guards shall be provided with each registered baggage machine to ensure that the baggage doesn't fall during operation of the machine. Inputheightofmotorizedconveyershallbe400 mm from floor level &output eights hall match with the machine conveyor level.	
2.7	Contractor shall provide Output Drop Chute with each machine. One side of drop chute shall match with machine conveyor and other side shall be up to the maximum level of400- mm height from the floor level. Each drop chute shall have necessary guard sto ensure that baggage does not fall during the operation	
2.8	Supply of two nos. minimum 22" LED full HD colour monitors of 1920 X 1080 pixels, UPS, Power distribution panel and other essential accessories with each system and combined test piece as specified, within the cost of the system.	
2.9	Bidder shall in consultation with RSIC carry out all activities at each site, survey before start of works, carry out complete Design & System Engineering, conduct FAT, conduct Factory and Onsite Training, supply items at each site as per schedule of quantity, install, test with internal & external interfaces & commission each system hardware & software sub- components, after successful SAT at each site, & documentation required for upkeep and maintenance, in consultation with OEM as per requirements/ specifications set in the tender, Five years Comprehensive Maintenance with spares.	
3.0	All the offered RB & HB XBIS shall be manufactured later than September' 2018.	
3.1	X-Ray machines shall be equipped with Two Individual Independent X-Ray Generators with Dual View Image	

Signature of Bidder

3.2	The system should be able to produce clear Dual image on colour monitor(s) with minimum of 1280 X 1024 pixels (Full High Definition)	
3.3	All machines should operate on 230V AC 50Hz power supply and should be able to withstand voltage fluctuations in the range of 170V to 280 V and Frequency fluctuations +/- 5 %	
3.4	Tunnel size of the machine should conform to the purpose for which the machine is used.	
3.5	Bag orientation: lying flat or standing up	
3.6	Penetration: should be of 30 MM thickness of Steel or more	
3.7	Resolution: The machine should be able to display single un-insulated tinned copper wire of 40 SWG or better.	
3.8	The system should be able to produce clear images on colour monitors [22" LED Colour monitor] with minimum of 1280 X 1024 pixels.	
3.9	Zoom facility should be available to magnify the chosen area of an image of our times (16X) or more. Image feature shall be key board controllable.	
3.10	The machine should be Film-safe . In other words photographic films must not be damaged due to X-Ray examination	
3.11	The machine should have features of multi energy X-Ray imaging facility where materials of different atomic number will be displayed in different colours to distinguish between organic and inorganic materials. With this method it should be possible to distinguish high-density organic materials including explosives .	
3.12	Machine should have variable colour or material stripping to facilitate the operator to monitor images of organic materials for closer scrutiny.	
3.13	All suspicious items (Explosives, High density material, narcotics) should be displayed in one mode and that should be online.	
3.14	The radiation level should not exceed accepted health standards (0.1m R/Hr) at a distance of 5 cm from external housing.	
3.15	Lead impregnated safety screens should be available at either end of the tunnel.	
3.16	Idle rollers to be provided at either ends of the tunnel to facilitate placing of baggage at the input and output points.	
3.17	The X-Ray beam divergence should be such that the complete image of maximum size of bag is displayed without corner cuts .	
3.18	Facility for Variable Contrast must be incorporated to allow enhancement of lighter and darker portion of image.	
3.19	If the machine fails to penetrate a particular item then an alarm (visual and audio both) should be generated to notify the operator.	
3.20	The Threat Image Projection (TIP) System software to be incorporated in all XBIS operation as per details.	
3.21	Control desk with secure housing and locking provision should be available.	

Signature of Bidder

3.22	The operator personal identification number can be entered through keyboard.	
3.23	Facility of image enhancement should be available.	
3.24	Conveyorbeltspeed should be between 0.18 and 0.3 meters/second for both hand and registered baggage x-ray baggage inspection system	
3.25	All software features of machine should be online and password protected .	
3.26	In case of defective diode arrays , scanning should be disabled and error message should be displayed on the screen.	
3.27	System should work with one software only. All software features should be controlled from Key-board of machine only. Keyboard function should be user friendly. To enable/disable the software features, system should not be rebooted	
3.28	All models should have software controlled diagnosis report facility and system should give printout if printer is connected. i. XBIS make / Model / Sr.No ii. Software / Firmware / Algorithm Version Number iii. Status / Values of major Power supply voltages iv. Generator Voltages (X-Ray ON / X-Ray OFF v. Generator Anode Current(X-RayON/X- Ray OFF vi. Generator Heater Current(X-RayON/X- Ray OFF vii. Diode Array(Raw/Calibrated) response(X-Ray ON / X-RayOFF viii. Grand Total Number of Bags Scanned ix. XBIS fault log x. XBIS Photoelectric Light Barrier (Tunnel Entry / Exit)status Emergency switches status	
3.29	All models should have online recording facility and images can be recorded in Hard disk/USB Disk/Optical Drive	
3.30	The operating temperature should be 0°C to 40°C and storage temperature should be -20°C to 50°C.	
3.31	Anti-rodent and dust-proof cover must be provided with each XBIS.	
3.32	The company manufacturing the equipment should have ISO certification for manufacturing and servicing of X-Ray screening machines.	
3.33	The machine should be so designed that software enhancement can be easily implemented to take care of new technique in image processing and pattern recognition.	
3.34	Throughput shall be 400 bags per hour for hand and checked baggage XBIS.	
3.35	Safety: The offered machines must comply with requirements of health and safety regulations with regard to mechanical, electrical and radiation hazards. Before installation of machine, the supplier/ manufacturer should furnish NOC from Atomic Energy Regulatory Board of India regarding Radiation safety .	
3.36	One operator manual shall be provided with each machine.	

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3.37	Machine should be capable of recalling 15-20 previous images.	
3.38	It should have the capability of archiving 3000- 4000 images.	
3.39	XBIS Computer Unit shall be provided with an independent UPS of appropriate capacity to support backup time of minimum 30 minutes.	
3.40	The XBIS should be mounted on Heavy Duty Castors for ease of movement.	
3.41	X-Ray Generators: Each XBIS shall be equipped with Two X-Ray generator , with Sealed oil bath and forced air Cooling. Generator shall produce fan shaped diagonal X-Ray beam.	
3.42	Bidder shall provide following information in respect of the X-Ray generator provided with offered XBIS.	
	Parameters	
	i. Rated Voltage (Generator1 and 2)	
	ii. Operating Voltage (Generator1 and 2)	
	iii. Anode Current (Generator1 and 2)	
	iv. Make & Model (Generator1 and 2)	
3.43	Detector Array: XBIS shall have Two L-shaped array X-Ray converter .	
3.44	COMBINED TEST PIECE (CTP)	
3.44.1	The manufacturer shall provide one set of CTP per machine for checking serviceability of the machine by the operator.	
3.44.2	The Combined Test Piece should be supplied as specified in the tender document and should be approved by Government accredited Test Laboratory/Organization. Test report of the Government accredited Test Laboratory/Organization certifying dimensions and material composition of Test Pieces shall be submitted by the bidder.	
3.45	COMBINED TEST PIECE REQUIREMENTS	
3.45.1	SINGLE WIRE RESOLUTION (TEST No. 1) The requirement is to display 40 SWG wire not covered by step-wedge . A set of un-insulated tinned copper wire of size 26,30, 35,38,40 and 42 SWG are placed on Perspex sheet. The wires are laid out in 'S' shaped curves. The wires are placed behind varying thickness of aluminum. Metallic marker should be provided using high-density material, so that SWG numbers in the image displayed on VDU /Monitor are clearly visible	
3.45.2	USEFUL PENETRATION (TEST No. 2) The test defines what level of details can be seen behind a thickness of known material. The CTP has different gauges of wire behind varying thickness of aluminum. The requirement for this test is that the 30 SWG wire is seen under second step wedge (5/16").	

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3.45.3	<p>MATERIAL DISCRIMINATION (TEST No. 3)</p> <p>The requirement is that different colours be allocated to the sample of organic and inorganic substances. With multi-energy X-Ray it should be possible to distinguish between materials of different average atomic number. This means that organic and inorganic substances can be differentiated. The use of sugar and salt samples encapsulated on the test piece and various materials used in the construction of CTP will check the material discrimination facility.</p>	
3.45.4	<p>SIMPLE PENETRATION (TEST No. 4)</p> <p>The requirement is that the lead be visible beneath 30mm of Steel. This test defines what thickness of steel the machine should be able to penetrate. The steel step wedge on the CTP has steps of 2 mm from 16 mm to 30 mm with a lead strip to check that the machine is above or below their equipment.</p>	
3.45.5	<p>SPATIAL RESOLUTION (TEST No. 5)</p> <p>The requirement is that a vertical and horizontal grating to be seen. This test defines the ability of the system to distinguish hand display objects which are close together. The CTP has 16 copper gratings at right angle to each other.</p>	
3.45.6	<p>THIN METAL IMAGING (TEST No. 6)</p> <p>The requirement is to image steel 0.1mm thick. This tests the machine's ability to image thin metal. A number of thin metal strips of various thicknesses are placed in a row.</p>	
3.45.7	<p>METHOD:</p>	
	<p>a. The CTP is to be used as a quick routine test carried out daily to ensure that equipment is working properly and satisfactory image is obtained. The results of the tests should be recorded.</p> <p>b. The CTP should be placed on the belt and passed through the belt at least once in a day before the baggage is screened or after the X-Ray equipment is switched on to ensure that the equipment is working properly. If the image is satisfactory the equipment may be used.</p> <p>c. The CTP may be viewed by using image enhancing facility till the operator is satisfied that the machine is working properly. The optimum position of CTP on the belt will depend on X-Ray source and detector arrangements. In case of Dual View systems at least one view should pass CTP. This may be ascertained from the service engineer, if need arises.</p>	

3.45.8	RESULTS:	
	<p>a. The results of the test should be recorded giving in formation like date, time, machine number and type, supervisors name and other remarks.</p> <p>b. Supervisory officer should carry out the tests once in a week and compare the results with daily test sheets. In case the images are not upto the standard, service engineer must be asked to rectify the fault. The machine may not be used when its performance is in doubt or not satisfactory in the opinion of the supervisor.</p> <p>c. The record must be kept by the operator for one year after final entry.</p>	
3.46	THREAT IMAGE PROJECTION (TIP)	
	<p>a. General: TIP Software facility shall be incorporated in the offered X-Ray machines to assist supervisors in testing the operator alertness and training X-Ray screeners to improve their ability in identifying specific threat object. The system will create a threat object and the same will be super- imposed on monitor screen while a bag is being screened. To acknowledge that the operator has seen the false object, operator must press the control Panel key that will cause the computer generated threat object to disappear from x-rayed bag image on the VDU screen. Each operator's action shall be recorded in the hard disc of the computer for the auditing purpose by the supervisor or other authorised person.</p>	
	b. Design of the system	
	<p>i) TIP software should be compatible with other X-Ray technologies such as Automatic Reject Unit, Dual View X-Ray screen technologies, Automatic Threat Recognition System etc. All X-Ray image functions must be available at the same time along with the TIP.</p>	
	ii) Image Library	
	<p>1. The TIP facility should have an image library. The system shall have facility to expand the library to incorporate additional images by user without assistance of the manufacturer as and when required.</p>	
	<p>2. The image library should contain images of threats at different orientations-both plane and end-on orientation should be used. Although these will be assigned different file names and references, it must be possible to cross-reference these as the same threat. All threat Image Projection images must be realistic, representative and non-distinguishable from real threat items.</p>	
	iii) Time Interval	
	<p>1. Programming facility shall be available to project threat images in different intervals. The time period for threat image as well as image mix in percentage shall be user programmable e.g. software shall select 40%imagesofexplosivedevices,35%of</p>	

	32 firearms&25%ofknivesorRandometc.	
	2. Once the screener has responded to identify the computer generated threat image, it should remain on the screen for apre-defineduserprogrammabletimefor analyses. The image should be highlighted, upon identification, and feedback message shall be visible tothe screener.	

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	iv) SystemAdministration	
	1. The threat image projection facility shall have details of user data-base such as Airport name, Screener name, Organization, user ID number.	
	2. Access to start-up Menu should be restricted only to the authorized individuals. A log-in procedure by means of 'Password" or "security key' could achieve restricted access to each of the comment. The log-in procedure should not take longer than 20 seconds. The system should have facility to bypass the TIP facility, if programmed so by the System Administrator. It is to be ensured that the TIP software shall not be hindrance to normal functioning of X-Ray Machines.	
	3. When the operator logs-in or logs-out, message should be displayed on XBIS Display Monitor Screen to confirm that he/she has been correctly logged-in or logged out.	
	v) Feed Back Report	
	1. The Threat Image Projection should be capable of giving feedback "HIT, MISS or FALSEALARM" message. Nomes sage will be presented if a screener correctly passed as clear bag.	
	2. A "HIT" message to be presented when a screener has correctly identified a Threat Image Projection image. A "MISS" message shall be presented when screener fails to identify the Threat Image Projection Image. A "False Alarm" message shall be given when screener incorrectly indicate Threat Image Projection image when in fact no Threat Image Projection is present. The feedback should clearly indicate in a screen that a TIP object has been correctly identified/ TIP object has been missed/no TIP object was present. The information should be recorded in the database.	
	3. Different colour coding shall be used for feedback to the Screener. It is recommended that Colour Code "Red for MISS", Green for HIT' and "Yellow to False Alarm or interrupt" be used.	
	4. The system shall automatically prepare the daily log of events for each shift and for each Screener performance. TIP log shall include particulars of Airport, XBIS, Name of Screener, Time & date of threat image, whether threat image was successfully identified or missed etc.	
	5. The report on Threat Image Projection system may have date and time (From-To) as per requirement, Screener particulars, and decision/outcome i.e. MISS, HIT or False alarm in percentage as well in absolute numbers, number of bags screened, categories such as explosive devices knife or weapon etc.	
	6. As a standard practice, daily/ weekly/ monthly report shall be retrieved. Report shall be for any given time and period, as per command.	

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	7. All data should be stored on the system for a minimum of two months after it has been downloaded. No individual, regardless of access rights to the Threat Image Projection components would delete or amend any of Threat Image Projection data or time i.e. Threat Image Projection data on the actual X-Ray machine will be read only file.	
3.47	Miscellaneous Specifications	
	a. X-BIS shall have automated online framing of suspicious material (eg. Explosives, High density material, Narcotics etc.) for operator. This feature should be in real time requiring no operator involvement	
	b. All the system should be maintained by the OEMs or entities certified by them.	
	c. The system should not be connected or accessed through internet by the OEM for any purpose including remote diagnosis.	
	d. A non-disclosure agreement (NDA) is to be signed by OEM with AAI to affect the confidentiality of the information pertaining to the system	
	e. Service engineers of Indian Origin will only be deputed by the OEM or entities authorized by them to maintain the system. Non-Indian engineers may be deputed for major breakdowns under supervision.	
3.48	UPS & POWER DISTRIBUTION PANEL	
3.48.1	Provision of 3 KVA & 5 KVA UPS for HB & RB XBIS with 30 Min. battery back up on full load as per specifications: (Preferred Make: EMERSONS/APC/APLA/NUMERIC/DELTA/BORRI)	
3.48.2	3 KVA & 5 KVA Floor Mounted On-Line UPS (single Phase AC Input & single Phase AC Output) and Individual SMF Battery Bank to provide 30 minutes Battery back-up with all accessories, options and one set of hard and soft copy of documentation shall be supplied with the each X- BIS.	
3.49	General Specifications of UPS:	
	<ul style="list-style-type: none"> • On Line pure sine wave • Built in protection against over voltage, overload, spikes, transients and battery discharge • Automatic Voltage regulation • Alarm for low battery and battery operation • 30 Minutes SMF battery backup at full load condition • SNMP ready with accessories and patch cable to view UPS parameters on Computer 	
	INPUT:	
	Voltage/Frequency: 170 V to 280	
	V AC Single phase 50 Hz +/- 5%	
	OUTPUT:	
	KVA: 3KVA&5KVA	
	Voltage: 230 V AC	
	Voltage Regulation: 1% on full load	
	Freq. Regulation: 50 Hz ± 0.5 Hz	
	Indications: Mains On, under and overvoltage, charging and Load on battery	

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	UPS power factor at rated load: better than 0.8 lagging.	
	Protections: Following protection shall be provided in UPS:	
	a. Over voltage, short circuit, and overload at UPS output terminal.	
	b. Under voltage at battery terminal.	
	c. Over shoot and under shoot shall not be greater than 4% of rated voltage for duration of 40 sec. (maximum)	
	Battery bank:	
	UPS shall be supplied with SMF battery with Fire Retardant enclosure.	
	Bidders shall declare battery AH capacity, battery voltage, number of batteries of each rating, make and model of batteries offered with each item of UPS.	
	Batteries for UPS shall be of the following makes: EXIDE, PANASONIC, A MARRAJA and ROCKET	
	The UPS shall be complete with Trolley for Battery Bank and the firms shall also connect the batteries with UPS and commission the same.	
3.50	POWER DISTRIBUTION PANEL (PDP) The power distribution panel shall be provided to meet the system requirement. The power distribution panel shall provide MCB's with proper ratings for all equipment including and one mains control switch.	

Signature of Bidder firm authorized Signatory

Name:

On behalf of:

Firms Stamp:

TECHNICAL SPECIFICATIONS COMPLIANCE**(B) Explosive Trace Detector (ETD)**

The Explosive Trace Detector (ETD) is designed to detect Nano gram (ng) level of explosive traces. The swipe or vapormode may be used for collection of samples and analysis. The equipment shall meet the minimum specification as given below. The specification is applicable for both marked and unmarked explosives. The RSIC may opt for a better technology and equipment as per their requirement.

S. No.	Requirement	Statement of compliance
1	Desktop Model, Trolley mounted	
2	Detection Capacity: The offered ETD shall detect explosive such as RDX, PETN, TNT, Dynamite, SEMTEX, C4, HMX, and Ammonium Nitrate, etc. with programmable detection capability.	
3	Detection Technology: The offered ETD shall be based on the latest technology for explosive detection.	
4	Sensitivity: The offered ETD shall be capable of detection Explosive minimum of 100ng in operational/laboratory condition.	
5	Sensitivity: <2% typical false alarm rate.	
6	Analysis Time: Approximate 10 Sec. per sample.	
7	Sample collection : i) Surface wipe for trace particle/using Filter /Vacuum pump unit. ii) Air collection for vapour.	
8	Warm up time: Approx. 20-30 minutes.	
9	Power: 110/220V. 50/50Hz.W, Auto Sensing 12 volt DC.	
10	Detection mode: Explosive mode. Optional- narcotic.	
11	Signal processing: i) Variable integration time ii) Plasmagram component iii) Recognition of multiple explosives in particulate/vapour mode	
12	Weight (Hand Unit): Less than 40 Kg (Portable unit)	
13	Calibration: Automatic calibration	
14	Stages Of evaluation : The test shall be conducted in different stages starting from checking data on technical parameters, system calibration, data collection etc. The proper record of details should be maintained. These stages are:	
14.1	Configuration details – checking of technical parameters	
14.2	Operational and environment data	
14.3	System calibration	
14.4	Threshold verification	
14.5	Test article selection	
14.6	Pre-test activities	
14.7	Data collection	
14.8	Problem reporting	
14.9	Post-test activities	
15	Configuration Details	

A	37 The detailed unique and complete identification of the ETD system including major components shall be recorded	
A-1	Principal of operation	
A-2	Model number(s) equipment tested	
A-3	Firmware version(s), if any	
A-4	Software version(s)	
A-5	Serial number(s) of equipment tested	
B	The Test Team will check the details of the technical parameters claimed by the Bidder are in conformity with the specification issued by the BCAS. The equipment shall meet the specification as given below.	
B.1	Explosives detected i.e. RDX, PETN,TNT, PEK, Sheet explosives, LTPE, Ammonium Nitrate, Gelatine, etc.	
B.2	Susceptibility to interference (i.e. including specific interference's tending to mask the explosive): Minimum	
B.3	Sensitivity/ sensitivity loss: Nano gram level of explosive	
B.4	Response(s) time of explosives: 6 seconds	
B.5	Sample methods: Swipe and Vapour mode	
B.6	False alarm rate: Less than 2 %	
B.7	Time taken for recalibration : Note more than 2 minutes	
B.8	Warm up time : 20 to 30 minutes (from cold Start)	
B.9	Environmental limits : Operating temperature :- 20 to +50° C Relative Humidity: 95% non-condensing	
B.10	Safety Factors and regulations: Should meet National Safety Regulations	
B.11	Human intervention requirement: Minimum	
B.12	System Design Overview: As per specification	
B.13	Response time and processing rate of the equipment: 10 sec.	
B.14	Physical requirements ; and weightless than 40 Kg (portable).	
B.15	Functional and performance capabilities: Detect service and commercial explosive as given in specifications.	
B.16	Supporting data regarding training maintenance and availability of spares.	
	Instruction manuals, operation manuals, circuit diagram, and the engineering documents must be included to assist the test and evaluation team in its evaluation of the equipment.	
2	ETD Trolley :	
	Contractor shall provide a Trolley with ETD, of suitable dimension to accommodate offered ETD with cover, UPS, Consumables, & basic tools. Construction shall be proper so that it provides required	

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	service during complete warranty & AMC period.	
3	COMMISSIONING AND TESTING	
	Testing & Commissioning shall be carried out by trained engineer as per Manufacturer (OEM) recommendation and guidelines in true professional manner. Any accessories or part items required to complete the installation satisfactorily shall be included.	
4	MAINS POWER SUPPLY	
4.1	Complete offered equipment shall operate with an interrupted AC power 230 Volts ($\pm 10\%$) single Phase 50Hz $\pm 5\%$. Reliable over voltage and over current protection circuits shall be provided in the power supply units of solution. The power supply units in complete offered solution shall be self protecting, and protect connected equipment against conducted interference, noise, voltage dips and surges & impulses.	
4.2	Mains power supplies used in offered solution /equipment shall be rugged enough to withstand variation in main voltage and frequency over a long period of time so that the failures in the equipment due to power supply are minimized.	
4.3	The system shall have protection device and equipment of suitable capacity such as Isolation Transformer/ CVT/ Automatic Voltage Stabilizer or combination, to guard against heavy fluctuation of voltage or any other transients.	
5	RELIABILITY	
5.1	To ensure high availability and high reliability, the offered equipment design by the bidder and its OEM partner shall employ the most suitable engineering technique, materials and dependable components, field proven design and rigorous inspection during manufacturing to ensure a very high MTBF (Mean Time between Failures) of equipment.	
5.2	The offered equipment by the bidder and its OEM partner shall indicate the MTBF. The basis of these shall be clearly defined.	
6	INSTALATION STANDARDS	
6.1	Contractor shall depute suitable technically qualified and certified personnel for installation of the ETD and accessories, as per the OEM recommendations and requirements.	
6.2	Contractor shall not out source any part of the contract to any other vendor/third party contractor, without prior permission of RSIC.	
6.3	Liability, if anything, arising out of such third party contracts to any other vendor by contractor shall be to contractors account.	
6.4	In no case RSIC shall be liable on behalf of contractor to any other third party contractor /Government of India/State/Regulatory Authorities.	
6.5	Any liabilities arising out of such third party contracts by contractor or its men working at site shall be only to contractors account and shall be deducted out of its running bills.	
7	TESTING AND COMMISSIONING STANDARDS	
7.1	Testing and commissioning shall be carried out technically well qualified and contractor's certified personnel as per the OEM guidelines and requirements.	
7.2	All Bidder firms are required to submit the Standard Operating Procedures (SOP) prescribed by the manufacturer (OEM) to RSIC along with this bid.	

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	QUALITY ASSURANCE STANDARD	
8.1	The contractor shall use Quality Assurance procedure compliant with ISO 9001 Quality Management and Assurance standards, for System Design, Development, Manufacturing, Testing and Servicing.	
9.	TECHNICAL MANUALS/DOCUMENTATION	
9.1	All manuals and documents shall be in English language and in such a way that a qualified engineer/technician is able to fully understand and do the preventive as well as breakdown maintenance with the help of these manuals.	
9.2	The Operation and Technical manuals of offered ETD and Accessories should also be supplied along with the technical bid for technical evaluation.	
9.3	The contractor shall provide one complete set (Hard Copy & Soft Copy on CD/DVD/USB) of the following documents with each system to be supplied.	
	a. Block diagram of the system with brief descriptions.	
	b. Working diagram of the complete system	
	c. Servicing/Maintenance Instructions including preventive Maintenance schedule, Indicated type of test equipment to be used for maintenance.	
	d. Trouble shooting chart with proper test sequence, Voltage and data at various test points.	
9.4	Contractor shall provide one set of operation manual for ETD at the time of testing & commissioning .	
10	TRAINING	
10.1	Operation Usage Training	
	a) The bidder shall provide Operation Usage Training to the nominated officials.	
	b) The Operation Training shall be designed and structured to that on successful completion of the training the participants shall be able to perform: <ul style="list-style-type: none"> i. Basics of ETDs. ii. Understanding system is functional or not. iii. Basic fault/fault log monitoring iv. Operation 	
10.2	Operation, Technical and Maintenance Training:	
	The bidder firm along with OEM Partner Firm shall provide Technical and Maintenance Training to the nominated officials.	
	a) Basics of ETDs	
	b) System setting up and Configuration of offered system	
	c) Preventive maintenance of system	
	d) Configuration, calibration and operation of the system with the help of the documents and software supplied along the ETD	
	e) Fault isolation up to Card/Module level using diagnostic tools and general purpose test equipment	
	f) Installation procedures for system hardware & Software, configuration recovery, reloading of software drivers/ modules of operating system and application software.	
10.3	The bidder and OEM firm shall identify the prerequisite for the trainees for each of the training program. Complete training syllabus shall be submitted by the bidder in consultation with OEM in the technical bid.	

10.4	40	
	TRAINING MATERIALS	
	It is mandatory that all the necessary training documentation and materials (e.g. software documentations equipment handbooks, training materials) shall be made available to RSIC undergoing the relevant training conduct by contractor.	
	All training instructions and documentation shall be in English language.	
	Complete training syllabus along with recommended duration for training programs shall be submitted by the bidder in the Technical Bid.	
11	PROCEEDURE TO BE FOLLOWED BY THE TENDERER AFTER AWARWD OF WORK	
11.1	Contractor on award of work shall contact the RSIC & sign agreement on non- judicial stamp paper format of agreement of appropriate amount.	
11.2	A work- schedule chart/bar-chart indicating the time schedule for commencement of various activities of work like inspection & delivery of materials, commencement of work, completion of work etc. Required for the execution & timely completion of work shall be submitted by the Bidder to RSIC for approval within fifteen days of the date of acceptance of the tender.	
11.3	It shall be the responsibility of the contractor to adhere to this work-schedule and complete the work in the specified time. Any deviation from this schedule for any reason shall be brought to the RSIC immediately to enable the RSIC take corrective action. Failure to submit the work-schedule chart within the specified time or meeting the various committed deadlines shall be treated as delay on the part of the Bidder and shall be dealt as per the Conditions of contract unless thesaid work is completed in the scheduled time.	
11.4	The Contractor shall at all times, during the period of execution of works keep in mind the specified completion time and other terms& condition of contract as specified in NIT which is, and shall remain the essence of the contract. On completion of the installation, the Bidder shall conduct a system acceptance test.	
11.5	The Contractor shall rectify any deficiencies encountered during the acceptance tests, at no additional cost to RSIC.	

Date

Signature and seal of the Bidder Place:

12. ANNUAL MAINTENANCE CONTRACT COMPLIANCE :-

The AMC will be renewed every year after reviewing the performance and services provided by successful bidder in previous year.

1. For starting compliance: Write "C" in the third column below.
2. For starting Non-compliance: Write "NC" in the third column below.
3. For starting Partial compliance or conditional compliance: Write "PC" in the third column below.

S. No.	Requirement	Statement of compliance
12.1	The work herein specified shall be performed by competent workmen in a through professional manner. All material s furnished by contractor shall conform to the standard, recommendations and guidelines of the original equipment manufacturer.	
12.2	The contractor shall be inclusive of maintenance during the Warranty and AMC period. All services including spares and consumable required for operation and maintenance of the entire system , during this period shall be responsibility of contractor. Cost for the same is deemed included in the contractor's prise Bid offer.	
12.3	Contractor shall carry out the following maintenance on the offered system with all accessories in addition to (OEM) manufacturer's prescribed normal preventive and corrective maintenance schedules during the Warranty And AMC period.	
	Preventive and corrective/breakdown maintenance including provision of required spares and consumables to ensure 100% serviceability of the ETD & Dual View X-RayBaggage Scanner/Inspection System (XBIS)and associated accessories (Hardware & Software) shall be carried out by the contractor during the Warranty and AMC period.(Time taken for scheduled preventive maintenance shall not be considered as downtime)	
12.4	Contractor shall carry out Preventive maintenance at least once in 03(three) Calendar months for each ETD & Dual View X-RayBaggage Scanner/Inspection System (XBIS). It shall be done as per maintenance procedure prescribed by the respective OEM.	
12.5	As part of preventive maintenance Contractor shall carry out periodic replacement of Parts and Consumables of the Equipment as recommended by the OEM.	
12.6	Corrective/Breakdown maintenance, shall be provided as per RSIC requirements, during all working days and hours.	
12.7	Contractor shall visit RSIC premises as many times as Breakdown calls in respect of ETD & accessories are received and repair& restore the ETD. Repair/replacement of all the faulty& functionally not acceptable components/parts/PCBs/ display / batteries/ consumables/software etc. OfETD & accessories are included in scope of this work.	
12.8	Contractor shall maintain the equipment as per the standards recommendations and guidelines of the original equipment manufacturers.	
12.9	Contractor shall replace any parts, including the supplied software found defective during Warranty and AMC period within the quoted	

	cost. The services of contractor or his principals, if required during this period for such work shall also be made available without any additional cost to RSIC.	
12.10	Spares: Contractor shall maintain sufficient inventory of spares required for repairs and maintenance of the complete system.	
12.11	Consumables: Contractor shall provide consumables required for operation and maintenance of the ETD &Dual View X-RayBaggage Scanner/Inspection System (XBIS) for each ETD &Dual View X-RayBaggage Scanner/Inspection System (XBIS), every month in advance.	
12.12	Contractor shall provide consumable (Sampling Wand, Vacuum Pump, sampling Swabs. Cleaning, Calibration & Verification Samples, Printers Consumables(Paper, ink) Gloves etc. Required as per offered equipment design for necessary operational and maintenance requirements.	
12.13	Bidder shall access the consumables requirements as per BCAS guidelines and type & quantity of consumable required for the offered equipment	
12.14	All spare parts, consumables etc. for the equipment shall strictly conform to the OEM specifications and shall be identical and fully interchangeable with the corresponding main equipment/ parts/consumables.	
12.15	Contractor shall ensure that all components and spares utilized for the maintenance of the equipment shall be free from defects in design, material and workmanship.	
12.16	Contractor shall not change the original specifications/ system characteristics without prior written permission of RSIC.	
12.17	Contractor shall prepare and maintain detailed records of Preventive/ Corrective/ Breakdown maintenance performed on each equipment. For every maintenance visit/ activity service Engineer of the contractor shall prepare equipment-wise Service Report indicating Location, S/N of equipment, Type of Service/Repairs carried out, List of Parts replaced. Performance Test Results after completion of the maintenance activity, Remarks, etc. And get it countersigned by RSIC representative at site.	
12.18	One copy of the Service Report shall be handed over to RSIC representative, for preservation of maintenance records and another copy shall be retained by the contractor. RSIC may request copy of maintenance records from the contractor before payment of AMC charges as per schedule	
12.19	Contractor shall deploy adequate and competent Technical staff(Specialist for maintenance of offered ETD &Dual view X-RayBaggage Scanner/Inspection system (XBIS)and associated equipment) so that the preventive and breakdown maintenance can be carried out efficiently with minimum down time.	
12.20	Contractor shall maintain sufficient inventory of spares consumables, tools, etc. To ensure that the preventive and breakdown maintenance can be carried out efficiently with minimum downtime.	
12.21	Contractor shall confirm in writing the contact details of their maintenance setup(Postal Address, Telephone & Fax Nos. E-mail) and names of the Service Engineers with complete address and mobile number. The office shall be operational from 0930IST to 1730IST to receive complaints on Telephone/Fax/E-Mail. Contractor	

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	shall be responsible for advanced intimation to RSIC regarding changes in any of the officer/ Engineer contact details.	
12.22	Complaint shall be lodged at the Contractor's maintenance setup by RSIC representative indicating location, S/N of equipment, Nature of fault, Details of un serviceability, etc. The complaint shall be acknowledged by contractor by issuing Complaint Registration No.	
12.23	Contractor shall report at site within time limit Within 48 Hours from the time of the call received.	
12.24	Contractor shall normally replace Batteries provided with the equipment and UPS, after every two years within the Warranty and AMC period. Cost of the same shall be included in Equipment/AMC quote.	
12.25	Provision of required Test equipment, tools, cleaning material, etc. Shall be the responsibility of the contractor.	
12.26	In case of corruption or damage to the Programme/Data due to any reason, the replacement, reprogramme and restoration of ETD & Dual view X-Ray Baggage Scanner/Inspection system (XBIS) shall be the responsibility of the contractor.	
12.27	The preventive maintenance is to be carried out independently during the lean period without affecting the Air Cargo operation and in consultation with the RSIC officer in-charge.	
12.28	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 underwritten intimation to the officer in-charge. In such cases, repair and return of the equipment/sub-assembly shall be borne/carried out by the contractor. Penalty shall be levied delay beyond the prescribed time in setting right the equipment. The original equipment has to be reinstated at site after the repairs have been carried out at Service Centre at the earliest.	
12.29	Component level/Card level maintenance shall have to be carried out by the contractor. 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	
12.30	The equipment and its accessories shall be handed over to RSIC in fully serviceable condition on expiry/ termination of the contract	
12.31	Payment: AMC charges shall be paid by RSIC quarterly, after the completion of each quarter for the work done in previous quarter on production of Bill submission of corresponding Service Reports dully signed by RSIC representative and satisfactory Performance Certificate issued by RSIC office in charge at respective site. The RSIC in charge at site shall ensure that the Performance Certificate shall reach the office latest within one week of completion of each quarter. All the necessary recoveries/deductions for which firm has made them selves liable for, shall be deducted from the bills before releasing the payment. Payment shall be released within one month after the receipt of bills and other prerequisites.	

12.32	44	
	<p>Penalty: Penalty shall be levied for the delay , beyond the prescribed time under the scope in setting right the equipment, during AMC period. In case of partial/ complete failure of the equipment .on expiry of prescribed time limit, recovery shall be made @0.1% of the Annual maintenance charges per day from the quarterly bill of the running quarter.</p> <p>However, if a suitable fully functional replacement is provided in place of faulty equipment within prescribed time, no penalty shall be levied.</p> <p>The total penalty within the scope of this contract shall not exceed 10% of the total contract value</p>	
12.33	Contractor shall attend the remedial maintenance job immediately on observation/receipt of complaint. Warranty period of the system, unit-wise, shall be extended by one week of un serviceability (Part of week to be considered as one week) for each default in case of failure to set right the system to the satisfaction of the RSIC site representative within the time limit specified in Clause 12.23	
12.34	The contractor shall comply with all labour regulations and its required to follow all the guidelines prescribed by concerned authorities i.e. Regional Labour Commissioner/Central Advisory Contract Labour Board.	
12.35	Obtaining Entry pass to the Air Cargo premises and Police Verification if required for contractor and his staff shall be the responsibility of the contractor. Any fee/expenditure for issue of passes shall be borne by the contractor. RSIC shall provide assistance for recommendation and attestation of forms etc. required for issue of entry pass. After completion of work passes should be surrendered in the office of the Pass Section/Air Cargo security in charge.	
12.36	Airport being a sensitive area, rules& regulation governing for the entry and work are notified by security agencies from time to time it is the responsibility of the contractor to ensure that all rules are strictly complied with.	
12.37	The contractor shall maintain all the systems to the entire satisfaction of RSIC office in-charge.	
12.38	All contractor's staff shall behave in orderly manner shall comply with the air cargo operational, safety and security rules and regulations and shall not indulge in any activity beyond the scope of the contract.	
12.39	In case of any 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 RSIC, arising out of court directions/claims, etc. On account of such misdeeds.	
12.40	The contractor will not be liable for any damages arising out of War, riots and natural calamity such as fire , storm, earthquake etc.	
12.41	<p>Inability to perform contract :</p> <p>Should the contractor's preparation for the commencement of the work, or any portion of it or his subsequent rate of progress be from any cause whatsoever , so slow that in the opinion of the RSIC , the contractor will be unable to complete the work or any portion thereof will be unable to complete the work or any portion thereof as agreed</p>	

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	upon, or should he not have the work ready for delivery in conformity with the contract or should he neglect to comply with any directions given to him by the authority or in any respect fail to perform the contract at the end, in which case the contractor shall be liable for any expenses, loss, or damage which the purchaser may incur or sustain by reason of or in connection with the contractor's default.	
12.42	If at any stage the contractor fails to provide satisfactory maintenance services, a RSIC shall terminate the contract by giving one month's notice. The Performance Guarantee/Security Deposit submitted by the contractor shall be forfeited. Any defects/damages to the equipment and its accessories shall be rectified by RSIC at the contractor's cost.	
12.43	DEFECTS LIABILITY PERIOD :	
	<p>On completion of the contract period (expiry of contract / termination of contract), the contractor shall hand over the ETD's and associated accessories installed at respective site to RSIC in a fully serviceable condition.</p> <p>It will be tested for serviceability status jointly by representatives of RSIC and Contractor.</p> <p>For any defects observed during the handed over, it shall be the liability of the contractor to repair the defective ETD and accessories and to handover them to RSIC in a fully serviceable condition.</p> <p>The rectification/repairing of the ETD or its accessories shall be carried out by the contractor within THIRTY Calendar days from receipt of such notice from the RSIC In-charge.</p>	
12.44	The Contractor shall not be entitled for any extra payment whatsoever on account of conditions of contract.	
12.45	SERVICE TO BE PROVIDED BY RSIC	
	<p>RSIC will provide space for the workman to perform maintenance duties, free of cost.</p> <p>Free electricity for CMC (Comprehensive maintenance contract) related works and water shall be provided. Electric supply at 230/415 V+10%, A.C. single phase/3phase, 4wire 50 Hz, if required, for works shall be made available at one point by the RSIC at the site of work . The contractor shall provide all necessary connections, cable, fitting, etc. From the main switch on wards, in order to execution of work. The RSIC does not guarantee continuity of supply and no compensation whatsoever shall be allowed for supply becoming intermittent or for breakdown in the system.</p>	
12.46	AGREEMENT	
	Contractor or his authorised representative, within one month of award of work, shall contact RSIC Air cargo complex in-charge & sign agreement on non- judicial stamp paper of appropriate amount.	
	These terms & conditions shall form part of the agreement. The contractor shall sign the separate agreement for the AMC, before expiry of the guarantee period of the system.	

12.47	PAYING AUTHORITY	
	AMC : RSIC In-charge , Air Cargo Complex, Jaipur	

Declaration:

The terms and condition given in this section in the Tender Document are read, understood and hereby accepted unconditionally and shall be complied with. I/We agree to abide by the Terms and Conditions, contained in this section of Tender Document and shall form part of contract conditions and provisions. I/We here by unconditionally accept(s) these Terms and Conditions of RSIC tender documents in its entirety for the tender of “**Explosive Trace Detector at RSIC Air Cargo Complex , Jaipur with five Years Comprehensive Annual Maintenance Contract, with spares and consumables**”.

It is certified that I/we have not stipulated any condition(s) in our tender offer. In case any condition(s) are found in our tender offer, the same shall be treated as withdrawn.

Signature of Bidder Firm authorized Signatory

Name:

On behalf:

Telephone:

Fax:

Firms Stamp:

E-Mail:

Price Bid (Part II)

S. No.	DESCRIPTION	QTY	PRICE	GST	Any other tax	Total (4+5+6)	For 1 st year AMC with Spares and consumables after onsite warranty included GST	For 2nd year AMC with Spares and consumables after onsite warranty included GST	For 3rd year AMC with Spares and consumables after onsite warranty included GST	For 4th year AMC with Spares and consumables after onsite warranty included GST	For 5th year AMC with Spares and consumables after onsite warranty included GST	Total Amount AMC (8+9+10+11+12)	Total Cost (Machine + AMC) (7+13)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Supply and Installation Cost of Dual View X-Ray Baggage Scanner/ Inspection System (XBIS) with peripherals, accessories, hard & soft copies of documentations with one year warranty with spares and consumables.	1											
2	Supply and Installation Cost of Explosive Trace Device (ETD) with peripherals, accessories, hard & soft copies of documentations with one year warranty with spares and consumables	1											

Signature and seal of the Bidder

Contact Details

Sr. No.	Description	
1	Contact Person for this Tender (NAME)	
2	Designation	
3	Land line, Fax & Mobile No.	
4	Mail ID	

List of clients**(For whom works of similar scope, have been completed in the last 05 years)**

Sr. No.	Details	Name of the Client-1	Name of the Client-2	Name of the Client-3	Name of the Client-4	Name of the Client- 5
1	Address, fax and telephone numbers					
2	Project name, location and address.					
3	Brief details of the work					
4	Value of work as completed					
5	Date of award of contract					
6	Date of completion of work					

(Add more columns in case of more than 5 clients)

Date

Place

Signature and stamp of the Bidder

BANK Details

(Please fill in the information in CAPITAL LETTERS. Please TICK wherever it is applicable)

1. Name and Address of the Tenderer:

City Pin Code

E-mail id: _____

Phone No. with STD code: _____

Mobile No.: _____

Permanent Account Number (PAN) _____

GST No _____

. Particulars of Bank account			
Account Holder Name			
Bank Name		Branch Name	
Branch Place		Branch City	
PIN Code		Branch Code	
MICR No.		IFSC Code	
Account type	Saving	Current	Cash Credit
Account No.			

Note; - Please attach a cancelled cheque of your Bank for ensuring accuracy of the Bank name, branch name & code and Account Number).

4. Date from which the mandate should be effective :

I hereby declare that the particulars given above are correct and complete. If any transaction is delayed or not effected for reasons of incomplete or incorrect information, I shall not hold RSICR / IDBI RSIC responsible. I also undertake to advise any change in the particulars of my account to facilitate updation of records for purpose of credit of amount through RTGS/NEFT.

Place :

Date :

Signature of the Bidder / Authorized Signatory

Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall -

- (a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;**
- (b) not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;**
- (c) not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;**
- (d) not misuse any Information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;**
- (e) not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;**
- (f) not obstruct any investigation or audit of a procurement process;**
- (g) disclose conflict of interest, if any; and**
- (h) disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.**

Conflict of Interest:-

The Bidder participating in a bidding process must not have a Conflict of Interest. A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

A bidder may be considered to be in Conflict of interest with one or more parties in an bidding process if, including but not limited to;

- (a) have controlling partners/shareholders in common; or**
- (b) receive or have received any direct or indirect subsidy from any of them; or**
- (c) have the same legal representative for purposes of the Bid; or**
- (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or**
- (e) the bidder participates in more than one Bid in abiding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or**

- (f) the Bidder of any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
- (g) Bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring Entity as engineer-in-charge/consultant for the contract.

Signature of **Bidder**

Declaration by The Bidder regarding Qualification
Declaration by the Bidder

In relation to my/our Bid submitted to for procurement of
 in response to their Notice Inviting Bid No.
 Dated.....

I/We hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/We have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the bidding document;
3. I/We are not insolvent in receivership , bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/We do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/We do not have a conflict of interest as specified in the Act, Rules and Bidding Document, which materially affects fair competition;

Date:

Place :

Signature of Bidder

Name:

Designation:

Address:

Grievance Redressal during Procurement Process

The designation and address of the Appellate Authority

First appellate authority is Managing Director, R.S.I.C.

Second appellate authority is Board of R.S.I.C.

(1) Filing an appeal

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the or the Guidelines issued there under, he may file an appeal to Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:

Provided further that in case a procuring Entity evaluates the Technical Bids before the opening of the financial Bids, an appeal related to the matter of Financial Bids may be filed only by a bidder whose technical bid is found to be acceptable.

(2) The officer to whom an appeal is filed under Para (1) shall deal with the appeal as expeditiously as possible and shall Endeavour to dispose it of within thirty days from the date of the appeal.

(3) If the officer designated under Para(1) fails to dispose of the appeal filed within the period specified in Para(2), or if the Bidder or prospective bidder of the Procuring Entity is aggrieved by the order passed by the first Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may file a second appeal to second appellate authority specified in the bidder document in this behalf with in fifteen days from the expiry of the period specified in Para (2) or of the date of receipt of the order passed by the first appellate authority as the case may be .

(4) Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) Determination of need of procurement;
- (b) Provisions limiting participation of Bidders in the Bid process;
- (c) The decision of whether or not to enter into negotiations;
- (d) Cancellation of a procurement process;
- (e) Applicability of the provisions of confidentiality

(5) Form of Appeal

(a) An appeal under Para(1) or (3) above shall be in the annexed Form along with as many copies as there are respondents in the appeal.

(b) Every appeal shall be accompanied by an order appealed against, if any. Affidavit verifying the facts stated in the appeal and proof of payment of fee.

(c) Every appeal may be presented to first appellate authority or second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

(6) Fee for Filing Appeal

(a) Fee for filling appeal shall be rupees two thousand five hundred, and for second appeal shall be rupees ten thousand which shall be non-refundable.

(b) The fee shall be paid in the form of bank demand draft of banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(7) Procedure for disposal of appeal

(a) The first Appellate Authority or second appellate authority as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.

(b) On the date fixed for hearing, the first Appellate Authority, as the case may be, shall,-

(i) Hear all the parties to appeal present before him; and

(ii) Peruse or inspect documents, relevant records or copies there of relating to the matter.

(c) After hearing the parties, perusal or inspection of documents and relevant records or copies there of relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.

(d) The order passed under sub-clause(c) above shall also be placed on the State Public Procurement Portal.

Signature of Bidder _____

**Form No. – 1 Memorandum of Appeal (See sub-rule 1 of rule 83)
Memorandum of Appeal under the Rajasthan Transparency in Public
Procurement Act, 2012**

Appeal No of
.....
Before..... (First Appellate Authority)

1 Particulars of appellant:

(i) Name and father's name of the appellant
:.....

(ii) Official address :

(iii) Residential address :

2. Name and address of the respondent(s)

(i).....
.....

(ii).....
.....

(iii).....
.....

3. Number and date of the order appealed against and name and designation of the officer / authority who passed the order, or a statement of a decision, action or omission of the procuring entity in contravention to the provisions of the Act by which the appellant is aggrieved

.....

**4. If the Appellant proposes to be represented by :.....
a representative the name and postal address
of the representative.**

.....
.....

5. Number of affidavits and documents enclose with the appeal:

6. Grounds of appeal:-

.....
.....
.....(S
upported by an affidavit)

7. Prayer

.....
.....
.....
.....

Place

Date

Signature of Bidder _____

Additional Conditions of Contract

1. Correction of arithmetic errors.-

Provided that Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis, namely: -

- (a) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

2. Procuring Entity's Right to vary Quantities.-

- (a) At the time of award of contract, the quantity of Goods, works or service originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit prices or other terms and conditions of the Bid and the conditions of contract.
- (b) If the procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.
- (c) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the suppliers fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the Supplier.

3. Dividing quantities among more than one bidder at the time of award.-

As a general rule all the quantities of the subject matter of procurement shall be procured from the bidder, whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, then in such cases, the quantity may be divided between the Bidders, whose Bid is accepted and the second lowest Bidder or even more bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.

Signature of Bidder _____

Date -----

(To be submitted on the Letter-Head of the Bank)

We-----Bank do here by certify that M/s-----
----- is maintaining current a/c at our Branch. The party
have satisfactory performance with us. It can be considered good for normal business
commitments up to Rs One crore, as disclosed by them and the information and
records which are available with us.

Signature and seal
of the authorized signatory of the Bank.

PROFORMA FOR BANK GURANTEE**(On Non-judicial stamp paper of Rs.100.00)**

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

Managing Director,

The Small Industries Rajasthan Small Industries Corporation Ltd, (RSIC)

Udyog Bhawan

TilakMarg, C-Scheme,

Jaipur (Rajasthan) – 302005

Dear Sir,

We _____ (full name of the banker) hereby refer to the tender for "Supply, Installation, Testing, Commissioning Training & maintenance of X - Ray Baggage Scanner System and Explosive Trace Detector(ETD) at ACC, Jaipur with One Year Onsite Warranty and Five Years Comprehensive Annual Maintenance Contract, with spares and consumables. as purchaser and M/s. _____ (fill in the name of bidder) as bidder providing in substance for the provision for X - Ray Baggage Scanner System and Explosive Trace Detector(ETD) at ACC, Jaipur as particularized in said tender, to which specific reference is made. Under the terms of said tender, the bidder is required to provide a bank guarantee in a form acceptable to the purchaser for the amount of Rs. _____ on account of EMD.

In view of the foregoing and pursuant to the terms of the said tender, which tender is referred to and made a part thereof as fully and to the same extent as if copied at length hereon, we hereby absolutely and unconditionally guarantee to the purchaser, performance of the terms and conditions of the said tender. The guarantee shall be construed as an absolute, unconditional and direct guarantee of the performance of the tender without regard to the validity, regularity or enforceability of any obligation of the parties to the tender.

The purchaser shall be entitled to enforce this guarantee without being obliged to resort initially to any other security or to any other remedy to enforce any of the obligations herein guaranteed any shall pursue any or all of its remedies at one or at different times. Upon default of the tender, we agree to pay to the purchaser on demand and without demur the sum of Rs. _____ or any part thereof, upon presentation of a written statement by the purchaser that the amount of said demand represents damages due from the bidder to the purchaser by virtue of breach of performance by the bidder under the terms of the aforesaid tender.

The determination of the fact of breach and the amount of damages sustained and or liability under the guarantee shall be in the sole discretion of the purchaser whose decision shall be conclusive and binding on the guarantor.

It is mutually agreed that the purchaser shall have the fullest liberty without affecting in any manner our obligation hereunder with or without our consent to vary any of the terms of the said tender or to extend the time for performance by the bidder, from time to time any of the powers exercisable by the purchaser against the tender and either to forbear or on force any of the terms and conditions relating to the said tender and we shall not be relieved from our liability by reasons of any variation of any extension being granted to the tender or for any forbearance act or commission on the part of the purchaser or any indulgence by the purchaser to the bidder or by any such matter or thing whatsoever which under the law relating to the sureties would but for this provision have effect of so relieving our obligation.

This guarantee is confirmed and irrevocable and shall remain in effect until _____ (the *validity shall be six months from the date of opening of Tender*) and such extended periods which shall be mutually agreed to. We hereby expressly waive notice of any said extension of the time for performance and alternation or change in any of the terms and conditions of the said tender.

Very truly yours,

(Authorized Signatory of the Bank)

Power of Attorney Format for the Authorized Person(s)

(Bidder shall submit irrevocable power of attorney on a non-judicial stamp paper of Rs.100/- signed by authorized signatory as per Memorandum of Articles authorizing the persons, who are signing this bid on behalf of the company)

POWER OF ATTORNEY

BY THIS POWER OF ATTORNEY executed on _____ we _____, a Company incorporated under the provisions of companies Act, 1956 having its Registered Office at _____ (hereinafter referred to as the “Company”) do hereby severally appoint, constitute and nominate _____, official(s) of the Company, so long as they are in the employment of the Company (hereinafter referred to as the “Attorneys”) to sign agreement and documents with regard Bid No. _____ due on _____ invited by Managing Director, The Small Industries Rajasthan Small Industries Corporation Ltd, (RSIC), UdyogBhawan, TilakMarg, C-Scheme, Jaipur (Rajasthan) – 302005 or “Supply, Installation, Testing, Commissioning Training & maintenance of X - Ray BaggageScanner System and Explosive Trace Detector(ETD) at ACC, Jaipur with three Year Onsite Warranty and Five Years Comprehensive Annual Maintenance Contract, with spares and consumables” and to do all other acts, deeds and things the said Attorneys may consider expedient to enforce and secure fulfillment of any such agreement in the name and on behalf of the Company.

AND THE COMPANY hereby agrees to ratify and confirm all acts, deeds and things the said Attorneys shall lawfully do by virtue of these authorities hereby conferred.

IN WITNESS WHEREOF, this deed has been signed and delivered on the day, month and year first above written by Mr. _____ Authorized Signatory, duly authorized by the Board of Directors of the Company vide it’s resolution passed in this regard.

By order of the Board
For _____
(_____)
Authorized Signatory

Witness:

- 1.
- 2.

Attorney Signature of Mr. _____ -----
Attorney Signature of Mr. _____ -----

(Attested)
(_____)
Authorized Signatory

PROFORMA FOR UNDERTAKING**[TO BE SUBMITTED WITH ELIGIBILITY CRITERIA (ENVELOPE “A”)]**

To,

Managing Director],

The Small Industries Rajasthan Small Industries Corporation Ltd, (RSIC)

Udyog Bhawan

TilakMarg, C-Scheme,

Jaipur (Rajasthan) – 302005

Sub:Undertaking ofSupply, Installation, Integration, Testing & Commissioning of Dual View X-Ray Baggage Inspection systems &Explosive Trace Detector (ETD) with one year on-site Warranty and Five years Comprehensive Annual Maintenance Contract with spares” atAir Cargo Complex, Airport , Jaipur.

Sir,

In compliance with the tender requirement for the above-referred work:

1. I/We undertake that, our firm or none of our firm’s Partners or Directors have been blacklisted or any case is pending or any complaint regarding irregularities is pending, 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.
2. I/We undertake that, our firm possess the required tools, plants, skilled manpower, etc. required for execution of work as per scope of the tender. I/We also undertake that no part of the scope of work shall be sublet or outsourced to any third party without written consent from RSIC.
3. I/We undertake that, our firm or its Partners or its Directors or Sole Proprietor do not have any outstanding dues payable to the RSIC.
4. I/We undertake that, the complete responsibility to carry out the works and their completion as per scope of the tender, shall be of our firm only.
5. I/We undertake that, our firm or our subsidiary firm or our parent firm has not submitted alternate or partial bid(s).

Dated:**Signature of the authorized signatory**

Name: _____

Telephone: _____

Fax: _____

E-mail: _____

Stamp: _____

AGREEMENT

(To be stamped in accordance with Stamp Act)

THIS DEED OF AGREEMENT is made on thisDay ofTwo Thousand nineteen at Jaipur City, Rajasthan.

1. The Rajasthan Small Industries Corporation Limited through its----- UdyogBhawan, TilakMarg, Jaipur hereinafter called RSIC or “the Corporation” of the one part” and
2. M/s ----- through their ----- by Caste--- resident of India hereinafter called “the Contractor” of the other part.

WHEREAS the Corporation has invited offer for**Supply, Installation, Integration, Testing & Commissioning of Dual View X- Ray Baggage Inspection systems & Explosive Trace Detector (ETD) with one year on-site Warranty and Five years Comprehensive Annual Maintenance Contract with spares”** at Air Cargo Complex, Airport , Jaipur.

AND WHEREAS the Contractor has submitted their offer. AND WHEREAS the Contractor after considering the same was issued a vide Letter No.

.....

3. And whereas the approved supplier has deposited a sum of Rs._____ in
(1) Cash/Bank Draft/Challan no./Banker ChequNo._____ dated_____.

4. Now these Presents witness:

- (1) In consideration of the payment to be made by the Government through_____ at the rates set forth in the Schedule hereto appended the approved supplier will duly supply the said articles set forth in_____ and _____ thereof in the manner set forth in the conditions of the tender and contract.
- (2) The conditions of the tender and contract for open tender enclosed to the tender notice No._____ dated_____ and also appended to this agreement will be deemed to be taken as part of this agreement and are binding on the parties executing this agreement.
- (3) Letters Nos._____ received from Bidder and letters nos._____ issued by the Government and appended to this agreement shall also form part of this agreement.
- (5) (a) The Government do hereby agree that if the approved supplier shall duly supply the said articles in the manner aforesaid observe and keep the said terms and conditions, the Government will through_____ pay or cause to be paid to the approved supplier at the time and the manner set forth in the said conditions, the amount payable for each and every consignment. 96 GFR-II

(b) The mode of Payment will be as specified below:-

1. _____ 2. _____

(6) The delivery shall be effected and completed within the period noted below from the date of supply order:-

S.NoItems Quantity Delivery period

(7) (1) In case of extension in the delivery period with liquidated damages, the recovery shall be made on the basis of following percentages of value of stores which the Bidder has failed to supply :-

(a) Delay upto one fourth period of 2½% the prescribed delivery period.

(b) Delay exceeding one fourth but 5% not exceeding half of the prescribed delivery period.

(c) Delay exceeding one fourth but 7½% not exceeding three fourth of the prescribed delivery period.

(d) Delay exceeding three fourth of the 10% prescribed delivery period.

(2) Delivery period may be extended with or without liquidated damages if the delay in the supply of goods is on account of hindrances beyond the control of the Bidder. 97 GFR-II.

(8) All disputes arising out of this agreement and all questions relating to the interpretation of this agreement shall be decided by the Government and the decision of the Government shall be final.

NOW THIS DEED OF AGREEMENT WITNESSES AS UNDER:

1. That in consideration of covenant for the payment, the contractor hereby covenants with the corporation to render all services in relation to transportation of import and export containers including all other incidental operations/services mentioned in the order and also undertakes to fulfill all its contractual obligation in time to the entire satisfaction of the Corporation.

2. The contractor further agrees to fulfill all the responsibilities of the contractor. The Contractor agrees to provide all incidental services and to discharge responsibly as per the direction of the Corporation without any objection.

4. That the corporation has agreed to award the work on the assurances given by contractor and in the belief that they have sufficient experience and capacity/ means to fulfill the works of the awarded contract and all the information provided is correct and nothing is false and misrepresented. In case any information is found incorrect by the Corporation, the Corporation will be free to terminate the contract forthwith without any prior notice and to recover all the damages from the Contractor. The Contractor further undertakes to submit on demand any further proof with regard to the information provided.

That the Contractor will provide and discharge their all contractual obligation in a time manner to the entire satisfaction of the Corporation and in the event of failing to do so. The Corporation will be free to terminate the contract immediately even without notice and the Corporation will be free to get the work done or part of the work at the cost, risk and responsibility of the Contractor from any other party.

5. That the contractor will be solely responsible for the safe and proper transportation and responsible for all the damages caused to the container.

6. That the contractor is to compensate and indemnify the Corporation as against all the claims of the owners of the container.

7. That the contractor will have to complete all the formalities in a timely manner and in case the contractor fails to complete all the formalities in time and consequently fine, penalties are imposed or any action is taken, the contractor shall be solely responsible there for.

8. That the contractor has agreed to all terms and condition Supply, Installation, Integration, Testing & Commissioning of Dual View X- Ray Baggage Inspection systems & Explosive Trace Detector (ETD)at Air Cargo Complex, Airport, Jaipur, including terms in the letter vide no.dated.....issued by the Corporation is part of the agreement and all the terms and conditions mentioned therein, which are not inconsistent with the specific terms of the agreement also form part of the present agreement. In token of acceptance of all the documents mentioned herein above, parties have signed the documents.

9. That this agreement will remain in force for a period of 7 years with effect from the date of installation of X -Ray Baggage Scanner System andExplosive Trace Detector (ETD) at Air Cargo Complex, Airport, Jaipur.

10. The contractor shall be solely and completely responsible for any delay while rendering services under the agreement as well as for any damage caused to any container however while transportation of the same. No claim in this behalf shall be made against the Corporation.

11. No claim in respect of under payment of contractor shall be considered valid or shall be entertained unless a claim in writing is made within three months from the date on which payment of original claim thereof was made. Any claim for such under payment not received within the stipulated three months period shall be liable to be summarily rejected by RSIC whose decision shall be final in this respect.

12. In case of any dispute, the decision of the manager, Air Cargo Complex, Airport, Jaipur and on his reference, the decision of the Managing Director shall be final.

13. All disputes and differences arising out of or in any way concerning this contract, shall be referred to the Managing Director himself, herself or his or her nominees for the sole arbitration. There will be no objection to any such appointment on the ground that the person so appointed is an employee of the Corporation that he has dealt with the matters to which the contract relates and that in the course of his duties.

As such arbitration shall be final and binding on the parties to the contract. If the person to whom the matter was originally referred to for arbitration becomes unable to function on account of vacation of office, transfer, resignation, the Managing Director shall nominate another person to take over this function as soon as possible. Such person shall proceed further from the stage where the matter was left by his predecessor. The arbitration shall given reasons for the award.

14. Any demand for arbitration in respect of any claim(s) of the contractor shall be in writing and made within one year of the date of termination or expiry of the contract or the arising of disputes or differences failing which the claims of the contractor shall be deemed to have been waived and absolutely barred and the Corporation shall be discharged and released of the liabilities under the contract.

15. The venue of arbitration shall be Jaipur.

16. The work under the contract shall if not impossible to continue during the arbitration proceedings and no payment due or payable to the contractor shall be withheld on account of such proceedings.

17. The provision of Arbitration and Conciliation Act, 1996 shall apply to the Arbitration proceedings under this clause.

18. The cost of arbitration shall be borne by the parties as per the decision of the arbitration.

IN WITNESSES whereof the parties herein have executed thesepresence and the day, month and year first hereinabove written.

For and on behalf of
The Rajasthan Small Industries
Corporation Ltd.

For and behalf of

Witnesses:

Witnesses:

1.....

1.....

2.....

2.....