



**GOVERNMENT OF KERALA
POLICE DEPARTMENT**

Special Branch CID Hqrs, Pattom P.O., Thiruvananthapuram - 695004
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www.keralapolice.gov.in

C8/9667/2013

Dated:13/09/2018

**e-Government Procurement (e-GP)
NOTICE INVITING TENDER**

The Additional Director General of Police (Intelligence), Kerala Police Department, Government of Kerala invites online bids from reputed manufacturers/ authorized dealers or reputed vendors for the **SUPPLY OF PORTABLE X-RAY BAGGAGE SCANNER**. The bidders should comply with the following general conditions in addition to the additional conditions of the instant tender.

General

1. The Bidder should be a reputed Original Equipment Manufacturers (OEM) or authorized dealer of OEM, who is having an Authorization Certificate from the OEM to participate in the tender floated by Kerala Police. Certificate from the OEM for sales and service, to be produced.
2. One bidder can not represent two suppliers/OEMs or quotes on their behalf in a particular tender.
3. The OEM/Bidder should have a well equipped service centre functioning in India (preferably in Kerala) to cater to immediately after sales requirement; copy of Service Centre details must be enclosed along with Tender document. (Preferably bidder should have a Service Centre in Kerala/South India).
4. A reputed vendor can participate in the tender provided the vending outfit is functioning in the market for at least 10 years.
5. The Bidder should have valid GST registration. Copy of GST registration certificate should be enclosed along with the tender.

6. The bidder should have valid PAN/Taxation Index Number. Copy of PAN/Taxation Index Number allocation letter should be enclosed along with the tender.
7. The Bidder must fulfil the following minimum qualification criteria to prove the techno-commercial competence and submit the documents in support thereof:
 - a). Valid Authorization letter from the OEM to attend this particular Tender.
 - b). Certificate of Registration/Incorporation Certificate of the Bidder.
 - c). Last 3 year's financial status of the Bidder's/P&L and Balance Sheet/audit report of last 3 years.
 - d). The bidder (authorized dealer/distributor) should have the dealership/distributionship for at least 3 (three) continuous consecutive years with the OEM.
 - e). The Bidder has to submit a Warranty Certificate along with invoices.
 - f). In case of a propriety item, a certificate by the OEM to be attached.

1	Tender No. & Date	SBCIDHQET/02/2018/SBCIDHQ Dated:14/09/2018
2	Item	SUPPLY OF PORTABLE X-RAY BAGGAGE SCANNER
3	Quantity	1 Number
4	Estimated Amount	Rs.15 Lakhs
5	Tender Fees	Rs.7875/- (Rupees Seven Thousand Eight Hundred Seventy Five Only)
6	Earnest Money Deposit	Rs.15,000/- (Rupees Fifteen Thousand only)
7	Specifications	Attached in tender document
8	Date and time of publication of e-Tender	14/09/2018, 6:00 PM
9	Date of submission of e-Tender	14/09/2018, 6:00 PM To 04/10/2018, 12:00 PM

10	Last date and time for online submission of e-tender	04/10/2018, 12:00 PM
11	Date and time of opening of e-Tender	06/10/2018, 3:00 PM
12	Place of opening	SBCID Headquarters, Pattom, Thiruvananthapuram.
13	Date, Time and Place of Technical Evaluation	09/10/2018, 11 AM, SBCID Headquarters, Pattom, Thiruvananthapuram
14	Bid Validity (Total Number of Days up to which the rates are to be firm)	180 days
15	Warranty & AMC	Five years warranty. Charges for AMC/ATS for a period of five years after warranty period should be quoted in the financial Bid.
16	Address of Tender Inviting Authority	Additional Director General of Police, SBCID Headquarters, Pattom P.O., Thiruvananthapuram - Kerala. PIN:695004 Ph: 0471-2440014 (SP-Admn) Fax: 0471-2441818 e-mail: spsbcidadmin.pol@kerala.gov.in

9. Mode of submission of bids: - Online. All Bid documents shall be submitted only in online procedure through the e-GP website www.etenders.kerala.gov.in in their designated online covers. Details of covers are given separately. No other mode of submission shall be accepted and such tenders will be rejected outright.

10. Cover details: - No. of covers - 2. i) Technical Bid ii) Financial Bid. The AMC/ATS after warranty period also to be quoted in the Financial Bid. In the case of Foreign Equipments, the rate must be quoted in Indian Rupees. The documents to be uploaded under each online covers are specified in the website.

11. Downloading of e-Tender documents: - The tender document can be downloaded from the e-GP website www.etenders.kerala.gov.in from the date and time of publication of e-tender onwards to last date and time for online submission of e-tender. Downloading of tender documents will not be possible after the date specified above.

12. Submission of e-Tender documents: - The digitally signed tender document and other specified documents shall be submitted online through the e-GP website

www.etenders.kerala.gov.in well in advance before the last date and time mentioned above. No submission shall be allowed after the last date mentioned above.

13. Payment of Tender Fees: - A non-refundable tender fee shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of payment shall be accepted. **THE TENDERS OF BIDDERS WHO DO NOT REMIT FEES THROUGH ONLINE WILL BE REJECTED OUTRIGHT.**

14. Payment of Earnest Money Deposit (EMD): - The EMD shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of remittance shall be accepted.

15. Exemption from payment of EMD: - Bidders who are registered with Store Purchase Department, Kerala or National Small Scale Industries Corporation Ltd., New Delhi (for the items tendered) are exempted from submission of EMD. Those bidders claiming exemption shall submit valid registration certificate from the SPD, Kerala or NSSIC, New Delhi.

Tenders of bidders who do not remit EMD online or do not upload documental proof (digitally signed) for exemption of EMD will be rejected outright.

16. Withdrawal and re-submission of e-Tender: - The Bidders are at liberty to withdraw the submitted tender/documents and to submit fresh tender/documents till the last date and time of submission of the e-Tender after which withdrawal/re-submission will not be allowed.

17. Opening of e-Tenders: - The bids shall be opened online through the e-GP website www.etenders.kerala.gov.in at the Special Branch CID Headquarters, Pattom, Thiruvananthapuram on the date and time mentioned above in the presence of the Bidders/ authorized representatives who wish to attend at the above address. If the tender opening date happens to be a holiday or non-working day due to any valid reason, the tender opening process will be done on the next working day at the same time and place specified. Any change in the opening date/time/venue due to other reasons shall be informed by way of Corrigendum published in the e-GP website. The Technical Bids will be evaluated by a Technical Evaluation Committee and those that do not conform to the specifications or to the satisfaction of the Committee will be rejected. The financial bids of the Technically qualified Tenderers only will be considered for opening. The date of opening of financial Bids will be intimated to the concerned technically qualified tenderers, over phone/Fax/e-mail. This will be with in 7 to 10 days of evaluation of technical bid.

18. Technical Evaluation: - All tenderers who quote for the supply of above equipment are required to be ready for live demonstration to be held at Special Branch CID Headquarters, Pattom, TVPM on 09.10.2018 at 11 AM (or any other venue which will be intimated in due course).

19. All Bidders who participates in e-tender should produce hard copies of all relevant documents related to e tender at the time of technical evaluation, without fail.

20. Note to Bidders:

- i) Bidders have to procure legally valid Digital Certificate (Class III) as per Information Technology Act, 2000 for digitally signing their electronic bids. Bidders can procure the same from any of the license certifying authority of India. For more details, please visit the e-GP website www.etenders.kerala.gov.in.
- ii) Bidders are advised to note the Tender_Id and Tender No. & Date for future reference.
- iii) All uploaded documents should contain the signature and the office seal of the bidder/ authorized persons and should be digitally signed while uploading. Documents uploaded without digitally signing shall entitle rejection of the tender.
- iv) In the case of Foreign Equipments, the rate should be quoted in Indian Rupees. Preference will be given to those who are ready to supply the item without opening Letter of Credit. Ordinarily, no advance payment will be made for procuring the above item. In case advance payment has to be made, a clear case has to be made out by the Tenderer. However this will be only on extraordinary circumstances.
- v) For obtaining Digital Signature Certificate and help on e-tendering process, contact Kerala State IT Mission, e-Government Procurement PMU & Helpdesk, Basement floor of Pension Treasury Building, Uppalam Road, Statue, Thiruvananthapuram; Ph: 0471-2577088, 2577188; Toll free no: 18002337315; e-mail:etendershelp@kerala.gov.in; Website: www.etenders.kerala.gov.in on all government working days from 10:00 am to 5:30 pm.
- vi) The Additional Director General of Police (Intelligence) is empowered to reject any tender without assigning any reason.
- vii) For any clarifications regarding the terms and conditions in this tender notice or the tender document, please contact Superintendent of Police (Administration), , Or Senior Superintendent, B&C, Pattom, Thiruvananthapuram, 695004 on all Government working days from 10:30 am to 5:00 pm. [Ph.Nos. 0471-2440014 / 0471-2445437]

NOTE: - BIDDERS ARE ADVISED TO GO THROUGH THE CONDITIONS IN THE NOTICE INVITING TENDER AND THE TENDER DOCUMENT CAREFULLY AND COMPLY THEM TO AVOID OUTRIGHT REJECTION OF THEIR TENDER.

For any litigation relating to this order, the jurisdiction will be Thiruvananthapuram City.


for Addl DIRECTOR GENERAL OF POLICE (INTELLIGENCE)

APL
13/9/2018

PORTABLE X-RAY BAGGAGE SCANNER

1. Tunnel size : Minimum 60cm width X 40cm height or better
2. Conveyor belt speed should be between 0.18 and 0.3 meter per second. Conveyor movement bidirectional.
3. All machines should operate on 230V AC, 50 Hz power supply and should be able to withstand voltage fluctuation in the range of 170V to 260 V, Single Phase, 3 to 5 Amp.
4. Conveyor capacity – 160 kg or more
5. X-ray Voltage – maximum 160 KV
6. X ray source/generator- Capable to operate smoothly for a period of at least 6 year
7. The X-ray beam divergence should be such that the complete image at maximum size of bag is displayed without corner cuts.
8. The radiation level should not exceed accepted health standard (0.1m R/Hr at a distance of 5 CM from external housing). Relevant certificate from AERB
9. The operating temperature normally should be –10deg C to 50 deg C
10. Resolution: - The machine should be able to display single un-insulated tinned copper wire of 42-SWG or 38AWG. All penetration and resolution condition should be met without pressing any functional key and should be online.
11. Penetration should be 35mm thickness of steel (Guaranteed) or more.
12. Continuous Electronic Zoom facility should be available to magnify the chosen area of an image eight times (8X) or more. Image features shall be keyboard controllable.
13. Video display – 18.5” LCD Monitor SVGA High resolution, low radiation, flicker free, resolution at least 1280 X1024, 24 bit color real time processing.
14. The machine should have features of Multi-energy X-ray imaging facility where materials of different atomic number will be displayed in different colors to distinguish between organic and inorganic materials. With this method to distinguish high density organic materials including explosives. Machine should have variable color or materials stripping to facilitate the

operator to monitor images of organic materials for closer scrutiny. All suspicious items (Explosives, High density, material narcotics) should be displayed in one mode and that should be on line.

15. Film_Safety:- Guaranteed safety for high-speed films up to ISO1600. The machines should be film safe. In other words photographic films must not be damaged due to x-ray examination.
16. Machine should be rodent protected. Dust proof cover is to be provided for covering when system is not in use.
17. Facility for variable contrast must be incorporated to allow enhancement of lighter and darker protection of the image.
18. 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.
19. Through put should be 200 bags per hour or more
20. Full diagnostic built in test facility. All modes should have software controlled diagnosis report facility and system should give printout if printer is connected.
21. All software features of machine should be online and password protected.
22. Machine should be capable of recalling 15-20 previous images.
23. It should have the capability of archiving 3000-4000 images with date & time stamp.
24. Control desk with security housing and locking provision should be available. The operator personal identification number can be entered the keyboard along with generation of log.
25. Facility to image enhancement should be available.
26. All models should have online recording facility and images can be recorded in CD R/W or USB
27. System should work on 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.
28. If the machine fails to penetrate a particular item then an alarm video and audio both should be generated to notify the operator.

29. Other Features
 - a. Edge & variable edge enhancement
 - b. Inverse Video
 - c. Set up time not more than 10 minutes
 - d. Pseudo color
30. Date & Time display
31. Display: Flicker free display
32. UPS :- 2KVH online with back-up time of ½ hour
33. Ability to distinguish between organic & inorganic materials
34. Variable edge enhancement
35. Variable color stripping
36. Date and time display
37. Image storage facility(Capacity: 500 GB or higher)
38. Search indicator
39. Inbuilt software for Training programme
40. The system should comply with international health and safety regulations. No leakage of radiation hazardous to the handlers. Certificate from the competent authority should be produced in this regard. Certification for radiation safety in accordance with international standard.
41. It should be durable, complaint free and proven successful product in the market.
42. Miscellaneous – The firm should provide the following documents/literature (in English language along with the equipment's)
 - a. Technical manual with full description of the item
 - b. Users handbook
 - c. Literature on care and preservation technique/methods
 - d. Specifications for packing, handling/transportation/storage
 - e. Details regarding periodical checks to be carried out by the user for serviceability of the equipment.
43. The vendor should impart detailed training free of cost to sufficient personnel at the place(s) specified by the Department.
44. The supplier should have well-equipped office / workshop for maintenance with qualified engineers in repairs/ service. If the equipment

needs repairs it should be carried out within 10 days from the date of receipt of intimation.

45. Supplier should have direct authorization from the OEM to participate in the tender. Necessary authorization documents should be made available in this regard. The name of the OEM along with the contact telephone numbers, addresses, fax numbers & E-mail address may be available for confirmations with the OEM about the status of the supplier.
46. Periodical service minimum once in three months during warranty period.
47. Minimum 5 years warranty for the equipment and for other all accessories.
48. The Firm should provide AMC for a period of 5 years after the warranty period should be enclosed with the tender proposal.
49. AMC should be express as percentage of total product value (TPV) separately for each year of AMC.
50. Tenders will be evaluated based on the net liability to the department which includes Product cost and AMC cost.
51. The name of the OEM along with the contact telephone numbers, addresses, fax numbers & email address may be made available for reconfirmations with the OEM about the status of the supplier.

OPERATION AND MAINTENANCE

Packing:- The equipment should be packed individually preferably in a water proof carry bag.

User Evaluation :- The approval for introduction into service of the equipment will be based on the test procedures. (to be tested in field conditions).

Testing Facilities :- Ballistic trials as per the QRs will be held at Thiruvananthapuram.
