

Government of West Bengal
Office of The Additional Director General & Inspector General of Police
Criminal Investigation Department, West Bengal
Bhabani Bhawan, Alipore Kolkata – 700 027.
Phone: 2450-6153, 2450-6100, e-mail:occomp.govt.in

Notice Inviting e-Tender CIDWB/ADG/eNIT-08/2018-19

Date:

CID, West Bengal invites e-Tenders from the bonafide manufacturers/dealers or distributors/traders & Industrial undertaking organization etc. who has tender specific authorization (desirable) for the item in the table below.

Pre-Qualification Criteria

1. Bidder's Annual Turnover should be more than 1.00 Cr. In last 3 consecutive years. (17-18, 16-17, & 15-16) – Audited Balance Sheet & Profit & Loss statement to be submitted.
2. One single order value not less than 50 Lac. From any Govt. / PSU / Large corporate within last 3 years (ending 31st March, 2018).
3. Bidder should submit one Performance/Credential Certificate to be submitted in this field.
4. Tender Specific OEM Certification will be required for this tender.

Evaluation of the tenders

QCBS method of selection will be applied to the tender as per the criteria given below.

Technical Qualification Criteria

Bidders who meet the pre-qualifications / eligibility requirements would be considered as qualified to move to the next stage of Technical and Financial evaluations.

Scoring Model

Technical Bid Evaluation

Sl. No.	Criteria	Base for evaluation	Max. Marks	Supporting
	RELEVANT STRENGTHS		50	
1.a	Turnover	Average annual turnover in each of the last 3 years (Turnover in INR Crores) Between 1 Cr to 2 Cr : Marks = 5 2 Cr and above : Marks = 10	10	CA Certificate
1.b	Net worth	Net worth (Net worth in INR Crores) Between 1 Cr to 1.49 Cr = 2 1.5 Cr and above : Marks = 5	5	CA Certificate
1.c	Experience - I	Experience of Bidder in executing this type of projects (Minimum Project value = Rs. 50 Lacks) - COMPLETED PROJECTS ONLY 2 projects: Marks = 7 More than 2 projects: Marks = 10	10	Credential / Performance Certificate to be submitted
1.d	Experience - II	Experience of Bidder in executing the similar project in India - COMPLETED PROJECTS ONLY 1 projects Marks = 5 More than 1 projects : Marks = 10	10	Work Order along with Completion / performance certificate
1.e	Maintainance	Presently maintaining at least 1 similar project	15	Work Order

Sl. No.	Description	Basis of Evaluation	Marks	Submitting
2.a	Technical Compliance as per Technical Specification Sheet	<p>Compliance without any deviation for all products : 40 Marks Maximum 2 Deviation in totality for all products : 35 Marks Maximum 4 Deviation in totality for all products : 30 Marks Maximum 6 Deviation in totality for all products : 25 Marks Maximum 8 Deviation in totality for all products : 20 Marks Maximum 10 Deviation in totality for all products : 15 Marks Maximum 12 Deviation in totality for all products : 10 Marks Maximum 14 Deviation in totality for all products : 05 Marks</p> <p>Bid will be rejected if more than 15 deviation found in totality against technical compliance / spec mentioned in Technical Compliance Document</p>	40	Bidder should fill up the compliance sheet completely and submitted the datasheet / specification sheet of all offered products as per Technical Specification Sheet along With tender document.
2.b	Live Demonstration	<p>Demonstration, Proof of Concept, Presentation, Discussion. Bidder should submit System Architecture write-up and schematic diagram.</p>	10	Live Demo in front of Technical committee
Total Marks			100	

Acceptance of Technical Bid

- i. Bidders, whose bids are responsive, based on minimum qualification criteria / documents as in Pre-Qualification Criteria and score at least 60% in the (given) defined scoring mechanism would be considered technically qualified.
- ii. The Technical bid evaluation shall be held in presence of Technical Evaluation Committee.

Financial Bid Evaluation

- i). The Financial Bids of technically qualified bidders will be opened on the prescribed date in the presence of bidders' representatives.
- ii). Canvassing in connection with bids is strictly prohibited and the Bids submitted by the Bidders who resort to canvassing will be liable to rejection.
- iii). All prices should be inclusive of all type of taxes, Cess, fees or any other levies payable to Central Government, State Government or any statutory authority and Tender Authority will not entertain any such taxes, Cess, GST etc.

Financial evaluation shall be done through the following formula.

A composite score shall be calculated for technically qualified bids only. The weightage for the composite evaluation is as described below:-

- a. Technical –70%
- b. Financial – 30%

Bidder with the highest final composite score derived as under

Final Composite Score of a particular bidder = $(TS*0.7 + CS*0.3)*100$,

Where $TS= T/T_{High}$ and $CS=C_{low}/C$; T= Technical Score of that particular bidder,

T_{High} = Highest Technical Score Obtained among all the bidders,

C= Total quoted amount of that particular bidder,

C_{low} = Lowest Total quoted amount among all the bidders

Will be called for negotiating the contract

Combined and Final Evaluation

In the event the bid composite bid scores are tied, the bidder securing the highest technical score will be adjudicated as the Best Value Bidder for award of the Project.

THE DECISION OF TENDER SELECTION COMMITTEE WILL BE FINAL AND BINDING IN THIS MATTER.

**BROAD BASED TECHNICAL SPECIFICATIONS OF SOFTWARE & HARDWARE TOOLS FOR
ESTABLISHMENT OF AUDI VIDEO ANALYSIS LABORATORY FACILITY AT CFSLS with Forensic Audio
Examination Hardware and Software System**

a. Capture of Audio

- Facility for minimum 4- Channels input or above to collect audio signals simultaneously from various devices.
- Facility for minimum 4- Channels output or above, line and speaker, hand phone output.
- Frequency response for both AC and DC mode-20 Hz - 50,000 Hz.
- Dynamic range should be greater than 90db.
- Support the sampling rates 8,000 – 50,000 Hz or better for analysis of higher frequency signals for research and case analysis purpose.
- In built features for accurate voice signal capture such as use of low latency. ASIO drivers, high gain pre amplification and anti-alias filtering.
- Facility of Software Interface card with Audio Stream input and Output (ASIO) and Multimedia Extensions (MME).
- Facility for segregation of Audio from different formats.

b. Noise reduction of Audio

- Facility of Digital Interface Card with AES/EBU or S/PDIF connectors and support various audio formats.
- Ability of offers signal – to – noise.
- Facility for signal Normalization.
- Facility for AC coupling to removes low frequency components.

c. Audio features extraction, analysis and display

- Facility for wave form, FFT, LPC Spectrograms/ spectrums & power spectrum
- Facility for pitch, formant extraction and Cestrum analysis.
- Facility for energy and power Spectrum.
- Support the windows XP or better operating system .
- Statistical analysis and display of features.

d. Audio enhancement and authentication on Hardware/ Software

- Capture Uncompressed/ compressed audio data from a variety of sources.
- Capability to support major audio formats.
- Audio stabilization.
- Facility for pre-processing and enhancement of Audio signal using different filters such as adopting filtering, filter averaging, filter compression and equalization etc.
- Facility to determine authenticity of audio.
- Facility to determine / search tempered and edits areas /zones in audio-recordings
- Facility to identify the source of recording (camera or records)

e. Audio evidence verification :

- Detailed file structure and file format check;
- HEX Data representation; Automatic search and interpretation options;
- Audio/video file frame allocation map, Detection extraction;
- Unmasking software application traces; Detection of code used to create the audio;
- GPS, images or any other metadata extraction and representation;
- Grid tool for periodical acoustic events analysis (and GSM framing) Histogram of samples analysis; Samples distribution asymmetry and smoothing calculation;
- Histogram of samples auto correlation analysis; Levelogram signal representation;
- Automatic DC offset extractor; Broken sessions, repeating samples automatic search;
- Identical signal fragments automatic detection ("copy past" search);
- Matching energy patterns detector; Delicate resampling;
- Intuitive data representation attenuation without signal correction (spectrogram view normalization); Auto detector of MP3 coder: Number of zeros in spectrum graph and Frame shift graph;
- Auto detector of WMA coder: Number of zeros in spectrum graph and Frame shift graph;
- Auto detector of OGG coder: Number of zeros in spectrum graph and Frame shift graph;
- Automatic detection of traces of re-sampling by codec or by signal properties.

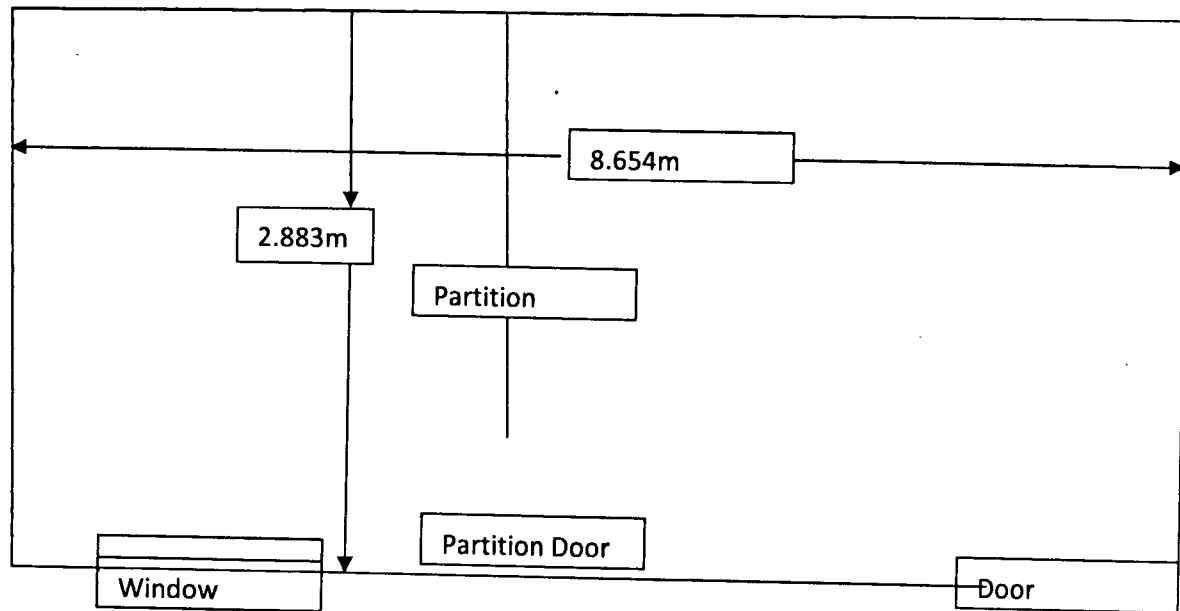
f. Forensic speaker voice identification (expert approach) :

- Speaker utterances extraction, creation of speaker file;
- Speech quality assessment; Speech range comparison;
- Pitch extractor and pitch distribution comparison; Prosodic patterns comparison; (Automatic and Manual)
- Search for matching text (words/sounds), Formant tracks extractor;
- Tracks represented over spectrogram; matching articulations automated search
- Speaker phonetic profile creation and phoneme statistic comparison
- Speaker segmentation
- Language identification
- Gender Identification
- Likelyhood Ratio Estimation

g. Accessories like Speakers, laptops, Microphone (2), Head phones (3), connecting cables, portable voice Recorders, Colour Printers(2) etc. are to be supplied

h. Laboratory preparation like Ac. Machines in sufficient numbers, Sound proof walls with anti revarbaratory coatings, False ceilings if required etc.

Room for Voice Spectrometer (Drawn not to scale)



Eligibility of Bidders:-

Only manufacturers/dealers or distributors/traders are eligible for participation in the Tender.

1. In the event of e-filing, intending bidder may download the Tender documents from the website:

<https://wbtenders.gov.in/nicgep/app> directly with the help of Digital Signature Certificate.

2. The process of deposit of earnest money through offline instruments like Bank Draft, Pay Order etc will be stopped for e-tender procurement of this Division wef. 01.0.2015. Necessary Earnest Money 2% of total contract value will be deposited by the bidder electronically: online – through his net-banking enabled bank account, maintained at any bank or: offline – through any bank by generating NEFT/ RTGS challan from the e-tendering portal. Intending Bidder will get the Beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account, Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD. Bidders eligible for exemption of EMD as per Govt. rule may avail the same and necessary documents regarding the exemption of EMD must be Uploaded in the EMD folder of Statuary bid documents. Financial Bid is to be submitted online (both words & figures) concurrently duly digitally signed in the website: <http://wbtenders.gov.in> as per Date & Time schedule stated in Clause 10. No interest would be paid on the performance Security Deposit. Payment will be made as and when fund will be available from the concerned source subject to complete supply of articles.

3. Orders for the supply of the approved products will be placed with the successful tenderers after the execution of.

- (a) Bid will remain valid for a period of 1 (one) year from the issuing of acceptance letter.
- (b) In case of branded items, only one rate is desirable according to the specification/parameters as specified in Tender Form.
- (c) Conditional/incomplete bid & joint ventures will not be considered.
- (d) Bidder may have regional office in Kolkata and Phone/Mobile, Fax /e-mail I.D. for the purpose of quick communication in the event of urgency.
- (e) Deviation Statement (if any) may also be enclosed.
- (f) There should be an onsite manufacturing guarantee/warranty as per OEM for the item with a mention of specific period.
- (g) Prices quoted shall be inclusive all taxes (including all taxes, freight, excise and GST etc.) and **should not exceed MRP.**
- (h) Selected bidders should submit 7% of total value as performance deposit physically.

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4. The selected contractors shall have to deposit 5% security deposit of the total contract value of the items in favour of the Additional Director General & Inspector General of Police CID, West Bengal in G P Notes/ Bank Guarantee Bond F.D.R. of any nationalized bank and to execute an agreement of contract within 3 (three) days from the date of issue of the work order failing which the letter of acceptance, so issued, may be treated as cancelled as well as the earnest money so deposited may be forfeited and the firm may be blacklisted. No interest would be paid on the performance Security Deposit. Payment will be made as and when fund will be available from the concerned source subject to complete supply of articles.

5. Orders for the supply of the approved products will be placed with the successful tenderers after the execution of the agreements, and such supply shall have to be made in such instalments as may be fixed or spread over the period to be specified in the supply orders to be made in pursuance of the agreements. The successful bidders will have to supply within the specified time schedule that had been assured at the time of selection as supplier.

6. **Tender Specific authorization Certificate of OEM is desirable.**

7. **It should be noted that the firm/firms will be selected purely on a "PROVISIONAL BASIS" and the forecast requirement may increase or decrease by any quantity during the period of validity of the tender.**

8. **Additional Director General & Inspector General of Police, CID, West Bengal reserves the right to reject any/or all the tendered rates without assigning any reason and not to place any orders even after selection and is not liable for any cost that might have**

incurred by any bidder at the stage of bidding and also reserves the right to, divide the contract amongst any number of bidders, if required so.

Additional Director General & Inspector General of Police CID, West Bengal does not bind himself to accept the lowest rate.

9. **Selected contractors will have to supply articles according to the indents placed with them from time to time within the specified period as per approved sample and/or the product demonstrated for inspection and evaluation, failing which the firm may be blacklisted with the forfeiture of security deposit.** In the event of the non-supply of articles or if articles supplied by the selected contractors) is found to be sub-standard, the Additional Director General & Inspector General of Police Telecommunication, West Bengal may, without notice to the contractors) purchase from elsewhere the articles required. Any loss incurred by reason of the price paid for such article(s) or any other loss or expense incurred by reason of such default on the part of the contractors) may be deducted from the bills or any money payable to the contractors) or from the security deposit of the concerned contractor(s). If the performance of the supplied items/equipment are found unsatisfactory or not as to our desired level even after payment, the supplier has to refund the entire amount paid to him earlier for that particular item/equipment.

10. Date & Time Schedule:

Sl.	Particulars	Date & time
1.	Date of uploading of N.I.T Documents (Online)	01.08.19
2.	Documents download/sell start date (Online)	01.08.19
3.	Date of hoisting of documents at Departmental Website "policewb.gov.in"	25.07.19
4.	Documents Download/Sell End date (Online)	01.08.19
5.	Bid submission start date (Online)	01.08.19
6.	Bid submission closing date (Online)	26.08.19
7.	Technical Bid opening (Bid A)	29.08.19
8.	Date of uploading list of technically qualified bidders	TO BE NOTIFIED LATER
9.	Date for opening of Financial Proposal (Bid B) (Online)	TO BE NOTIFIED LATER
10.	Date of uploading list of bidders along with the approved rates	TO BE NOTIFIED LATER

11. **Bid opening Location:** Office of the Additional Director General & Inspector General of Police, CID, West Bengal, BhabaniBhawan, Alipore, Kolkata 700 027.
12. All Bidders are requested to present in the office of the Additional Director General & Inspector General of Police, CID, West Bengal during opening the financial bid. Any objection in respect of alternation of bid will not be entertained raised by any bidder who will present or absent during opening of bid. No informal bidder will be entertained in the bid further.
13. canvassing on the part of bidders will render his tender to cancellation summarily.
14. For any clarification regarding the bidders are requested to visit O/S, CID, BhabaniBhawan, Kolkata 700 027.

NB: Any inconsistencies in the descriptions may be expeditiously brought to the notice of the Tendering authority.

INSTRUCTION TO BIDDERS

General guidance for e-Tendering:

Instructions/ Guidelines for electronic submission of the tenders have been annexed for assisting the contractors to participate in e-Tendering.

I. Registration of the Contractor:

Any contractors willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System, through logging on to <https://wbtenders.gov.in> (the Web Portal of Public Works Department) the contractor is to click on the link for e-Tendering site as given on the web portal.

II. Digital Signature Certificate (DSC):

Each Contractor is required to obtain a Class-II OR Class-III Digital Signature Certificate (DSC) for submission of tenders for the approval service of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the website stated in Clause-I above DSC is given as a USB e-Token.

III. The contractor can search & download N.I.T. & Tender Document(s) electronically from computer once he logs on to the website mentioned in clause-I using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

IV. Submission of Tenders:

Tenders are to be submitted through online to the website stated in Clause-I in two folders at a time for each work, one in Technical Bid & the other is Financial Bid before the prescribed date & time using the Digital

Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digital Signed. The documents will get encrypted (transformed into non readable formats).

V. Penalty Clauses :

PENALTY FOR FORMATION OF CARTEL OR FURNISHING OF FRAUDULENT / MISLEADING DOCUMENTS: If during the tender process or at any state during the validity of the tender period, it is found that a Bidders has formed a cartel in what so ever from or name to fix up the rates or suppliers to the detriment of the fairness of the tender process, penal measures shall be initiated. Similar penal measures shall also be initiated against those tenders who have submitted false / misleading / fraudulent documents or made incorrect declarations. The penal measure will be forfeiture of Earnest Money, Forfeiture of Performance Bank Guarantee if enlisted as a supplier.

VI. Technical Proposal:

The Technical proposal should contain scanned copies of the following in two covers (folders).

(a) Statutory Cover Containing the following documents:

- (1) NIT
- (2) AGREEMENT PAPER
- (3) TECHNICAL SPECIFICATION OF ITEMS

(b) Non-statutory Cover containing the following documents:

THE ABOVE STATED NON-STATUTORY/TECHNICAL DOCUMENTS
SHOULD BE ARRANGED IN THE FOLLOWING MANNER

Click the check boxes beside the necessary documents in the My Document list and then click the tab "Submit Non Statutory Documents" to send the selected documents to Non-Statutory folder.

Next Click the tab "Click to Encrypt and upload" and then click the "Technical" Folder to upload the Technical Documents.

SI.	Category Name	Sub-Category Description	Detail(s)
A	Certificate(s)	Certificate(s)	Vat Registration Certificate & Acknowledgement. PAN.GSTIN, CA certificates Latest P Tax (Challan). Latest IT Receipt. Latest IT-Saral. Tender specific Authorization is desired for this Tender.
B	Company Detail(s)	Company Detail	Proprietorship Firm (Trade License) Partnership Firm (Partnership Deed, Trade License) Ltd. Company (Incorporation Certificate, Trade License) Society (.Society Registration Copy, Trade License) Power of Attorney.

C	Credential	Credential - 1	Similar nature of work done & completion certificate, which is applicable for eligibility in this tender.
D	Balance Sheet	Balance Sheet 2013-14 Balance Sheet 2014-15 Balance Sheet 2015-16	Details

NOTE : BLACK & WHITE SCAN
MULTIPAGE SCAN
DPI MAX 200-300

I. FINANCIAL PROPOSAL:

- (a) The contractor is to quote the rate online through computer in the space marked for quoting rate in the BOQ.
- (b) If any contractor is exempted from payment of EMD, copy of relevant Government Order needs to be furnished.
- (c) The financial proposal should contain the following documents in one cover (folder) i.e., Bill of Quantities (BOQ).
- (d) Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor. If any Bidders fails to produce the original hard copies of the documents like Completion Certificates and any other documents on demand of the Tender Evaluation Committee within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies, it may be treated as submission of false documents by the Bidders and action may be referred to the appropriate authority for prosecution as per relevant IT Act.

Opening & Evaluation of Tender:

1. Opening of Technical Proposal: A Committee will open the Technical bid of the Tender.
2. Intending Bidders may remain present if they so desire.
3. Cover (folder) for Statutory Documents will be opened first and if found in order, cover (folder) for Non-Statutory Documents will be opened. If there is any deficiency in the Statutory Documents the tender will summarily be rejected.
4. Decrypted (transformed into readable formats) documents of the non- statutory cover will be downloaded & handed over to the Tender Evaluation Committee
5. Summary list of technically qualified Bidders will be uploaded online.

6. Pursuant to scrutiny & decision of the Tender Evaluation Committee the summary list of eligible Bidders & the serial number of work for which their proposal will be considered will be uploaded in the web portals.

7. During evaluation the committee may summon of the Bidders & seek clarification / information or additional documents or original hard copy of any of the documents already submitted & if these are not produced within the stipulated time frame, their proposals will be liable for rejection,

II. REJECTION OF BID:

The Additional Director General & Inspector General of Police CID, West Bengal reserves the right to reject any/or all the tendered rates without assigning any reason and not to place any orders even after selection and is not liable for any cost that might have incurred by any bidder at the stage of bidding and also reserves the right to divide the contract amongst any number of Bidders if required so and to place order for more or less than the quantity mentioned in the forecast requirement. The Additional Director General & Inspector General of Police, CID, West Bengal does not bind himself to accept the lowest rate.

III. AWARD OF CONTRACT:

The Bidder whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter / Letter of Acceptance both online & offline to save time.

The notification of award will constitute the formation of the Contract.

The Agreement in prescribed format in admissible stamp duties will incorporate all agreements between the Tender Accepting Authority and the successful bidder/bidders. The time frame for attending the fault and restoration of equipment within the warranty period and penalty clause for the defaulters will be included in the agreement. All the tender documents including N.I.T. & B.O.Q. will be the part of the contract documents. After receipt of Letter of Acceptance, the successful bidder shall have to submit requisite copies of contract documents downloading from the website stated in the N.I.T. along with requisite cost through Demand Draft issued from any nationalized bank in favor of Additional Director General & Inspector General of Police Telecommunication, West Bengal for the concerned work within time limit to be set in the letter of acceptance.

IV. VALIDITY PERIOD:

The contract period will be upto 31st March, 2019.

Additional Director General
& Inspector General of Police
CID, West Bengal

FORMAT FOR CHECK LIST