

Bid Document

Bid Details	
Bid End Date/Time	14-07-2020 16:00:00
Bid Opening Date/Time	2020-07-14 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	40 (Days)
Ministry/State Name	Ministry Of Home Affairs
Department Name	Central Police Organisation
Organisation Name	N/a
Office Name	Central Forensic Science Laboratory, Guwahati
Total Quantity	1
Item Category	Suspect Lie Detector
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	Yes
Inspection Required	No
Estimated Bid Value	6300000

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	126000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Director & Scientist 'E'

Central Forensic Science Laboratory, Guwahati, Central Police Organisation, N/A, Ministry of Home Affairs

(Dr. Anil Kumar Sharma)

Splitting

Bid splitting not applied.

Suspect Lie Detector (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Generic Parameters	Graph of the examinee's response	GSR Level,RAW GSR Signal,Weighted Reaction Volume,Peak of Tension	*
	Technology Used	Automated Behavior Pattern Recognition System based on GSR Sensor,Automated Behavior Pattern Recognition System based on PLE sensor	*
	Scope of supply items	Pre-loaded and customized Suspect Detection software in suitable high end laptop,Sensor,Headphone with Mic,Finger Print Sensor,System Casing	*
	Maximum time for Test	25-30	*

duration for Suspect Detect (minute)		
Product Application	Interrogation and Screening Tool,detection of analyzing psycho-physiological parameter	*
Absolute Accuracy (%)	80-90	*
Minimum time for Test duration for Suspect Detect (minute)	5-10	*
Signal Analysis Input Algorithm Features	Amplitude of the reaction signal,Duration of the physical reaction,Reactions start time (delay) relative to time the questions is presented visually and in audio,Time of the return of the signal to base line time,Post reaction signal drop below base line,Steepness of the reaction signal,Baseline pattern recognition which allow determining the "Peek of Tension",Relative amplitude allows determining the "Peek of Tension",Ripple of the reaction signal,Reaction signal abnormality relative to other reactions,Calculation of the relative weight between the various above parameters,Counter measure analysis per set - total signal fluctuations,Counter measure analysis per set - Amount of spikes and its amplitude and sharpness,Counter measure analysis per set - Relative levels distribution by histogram	*
Features	Open-ended	*

		questions, Questionnaire Tool, Multi-Language questionnaire input, Multi-Language voice input, Abnormality Level, Peak of Tension, Algorithm Layers, Detection of Deception, Create a customized blueprint, Security screening and investigation, Test Recording, Automated report generation, Easy to learn and operate	
Sensor	Lowest Operating Range of Resistance of Sensor (kiloOhm)	1 - 50	*
	Sensor Warranty	3	1, 2, 3, 4, 5
	No. of Bits in A/D Convertor	16	*
	Highest Operating Range of Resistance of Sensor (kiloOhm)	100 - 10000	*
	Interface	USB	*
PC/Laptop Configuration	RAM Expansion	Upto 16GB	*
	PC Warranty (year)	3	*
	Processor Type	i5	*
	Screen Type	LED	*
	Type of System	Laptop	Desktop, Laptop, NA (If PC not Supplied)
	Ports and Slots	USB Ports, HDMI Port, Ethernet Port, Power Adapter, Keyboard, Mouse	*
	Compatible PC/Laptop Supplied	Yes	Yes
	Operating System	Windows 10	*
	Hard Disk Capacity (gigabyte)	512	*
	Graphics	Intel HD Graphics 620, UHD Graphics 630	*
	No. of Expandable Slots for RAM	1	*
	Screen Size (cm)	12.5	*
	Processor Generation	7th	*

	RAM Capacity	DDR 4 2400 MHz SDRAM operates at 2133 MHz	*
	RAM Capacity (gigabyte)	4	*
Examinee Test	Language Support of Test	English,Hindi,Regional, Any Language	English, Hindi, Regional, Any Language
	No of Session for Suspect Test	6	*
	Type of Tests	Pre- Screening Test& Suspect Interrogation Test	*
	No. of Test in One Session	6	*
Limitation	Palm Requirement	Left Hand	*
	Requirement of Good Condition Of One Palm for Test (i.e. No Injury/Bandages on Palm)	Yes	Yes
Installation & training	Training Provided at Site	Yes	Yes
	No of people to be trained in training program	5-10	*
	No of training sessions executed	6	*
	Installation and Demonstration of the offered product	Yes	Yes
	Number of Years upto which Support is available	5	*
	No. of days of training program	0-5	*
Warranty & services	Warranty from date of installation(System & all other parts) in years	3	1, 2, 3, 4, 5
Certifications	Test Report to be submitted to the Buyer on Demand	No	*
	IS ISO Certified	Yes	*
	Availability of Test Report from Central	No	*

Govt/NABL/ILAC accredited lab to prove conformity to specification		
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* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Shivam Trivedi	781125,Urput Village, Urput-Kumeria Road, P.O.: Maniari Tiniali, P.S.: Palashbari, District Kamrup (Rural)	1	22

Bid Specific Additional Terms and Conditions

1. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
2. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
3. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
4. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
6. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---