

No. D/21013/3286/24.06.2019/PW

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Dated, the 14 November' 2019

OFFICE MEMORANDUM

Sub: Global Tender Enquiry No. D/21013/3286/24.06.2019/PW Dated 26.07.2019 Floated On CPP Portal and Opened on 05.09.2019 for Supply, Installation and Creation of "Audio Video Authentication and Image Processing Facilities in Six CFSLs of DFSS".

A GTE dated 26.07.2019 was floated on CPP Portal and was opened on 05.09.2019 (Tech Bid). The following three firms participated against the tender enquiry for different equipment as mentioned below:

S.NO.	FIRM	ITEM AGAINST WHICH BID IS RECEIVED
1.	M/s KAV Engineering and Marketing Pvt. Ltd.	(i) Forensic Audio Examination Hardware and Software System. (ii) Audio Enhancement & Authentication Hardware/ Software.
2.	M/s Trans Virtual Pvt. Ltd.	(i) Audio Enhancement & Authentication Hardware/ Software. (ii) Facial Recognition Software.
3.	M/s Lab Systems & Biotech India Pvt. Ltd.	(i) Forensic Audio Examination Hardware & Software System

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	(ii) Forensic Image & Video Enhancement and Analysis System
	(iii) Forensic Image and Video Authentication System.
	(iv) Facial Recognition Software.

2. Tender Evaluation Committee (TEC) under the Chairmanship of Director, CFSL Pune, carried out technical evaluation of the bids given by the above three firms against the respective equipment mentioned in the tender enquiry. The TEC thoroughly examined the Qualification Criteria, eligibility criteria and evaluated the techno-commercial parameters of the bids documents submitted by all the above mentioned firms for each of the quoted item against the tender enquiry as per the Tender conditions. During the evaluation the TEC unanimously decided to go for the field trial/ demonstration of all the firms for each of their quoted items from 29.30.2019 to 31.10.2019 at DFSS Hqrs., CGO Complex, Lodhi Road, New Delhi-110003.

3. The TEC examined all the respective equipment offered by all the participating firms against the tender enquiry to check the parameters as mentioned in the technical specifications of the GTE and the Corrigendum issued. The following observations were made by the technical experts during the field trial:

NAME OF FIRM	ITEM QUOTED AGAINST GTE	OBSERVATIONS/ REMARKS
1. M/s KAV Engineering and Marketing Pvt. Ltd.	i. Forensic Audio Examination Hardware and Software system.	<ul style="list-style-type: none"> The provided test samples were analysed by the offered product (Motu Ultralite MK4 and ACUSTEK OT Software) and results were satisfactory. The queries raised by TEC during the trial were also answered properly and the equipment met the technical specifications as per Appendix-2 of GTE.
	ii. Audio Enhancement & Authentication Hardware/ Software.	<ul style="list-style-type: none"> The provided test samples were analysed by the offered product (ACUSTEK OT and TD Software) and results were satisfactory. The queries raised by TEC during the trial were also answered to the properly and the equipment met the technical

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		specifications as per Appendix-2 of GTE.
2. M/s Trans Virtual Pvt. Ltd.	i. Audio Enhancement & Authentication Hardware/ Software.	<ul style="list-style-type: none"> The provided test samples were analysed by the offered product (Editracker Software). In response to the queries, the firm has mentioned that "<i>our software SIS II with Editracker supports most of formats which are available. We also use additional software to address the issues. SIS II with Editracker has good capabilities to take care of pre-processing and enhancement of Audio signal</i>". The OEM during TEC confirmed that Editracker Software will work along with SISII software and cannot perform Enhancement and Authentication alone. On perusal of Technical bid it is also observed that the firm has offered the Software Editracker only in the bid document submitted by the firm. The offered software Editracker did not meet the technical specifications as per Appendix-2 of GTE.
	ii. Facial Recognition software.	<ul style="list-style-type: none"> The forensic test samples were given to the technical person from the firm to analyse them by the offered product (FACES make IQ Biometric Software). However, the offered software i.e., FACES was unable to analyse the samples and failed to provide the result and the equipment did not meet the technical specifications as per Appendix-2 of GTE.

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3. M/s Lab Systems & Biotech India Pvt. Ltd	i. Forensic Audio Examination Hardware and Software system.	<ul style="list-style-type: none"> The provided test samples were analysed by the offered product (PENTAX MEDICAL, CSL-4500b) and results were satisfactory. The queries raised by TEC during the trial were also answered properly and the equipment met the technical specifications as per Appendix-2 of GTE.
	ii. Forensic Image & Video Enhancement and analysis System.	<ul style="list-style-type: none"> The provided test samples were analysed by the offered product (OCEAN SYSTEMS, DTECTIVE, CLEARID, AVID MEDIA COMPOSER) and results were satisfactory. The queries raised by TEC during the trial were also answered properly and the equipment met the technical specifications as per Appendix-2 of GTE.
	iii. Forensic Image and Video Authentication system.	<p>The provided test samples were analysed by the offered product (FOCLAR, MANDET) and results were satisfactory. The queries raised by TEC during the trial were also answered properly and the equipment met the technical specifications as per Appendix-2 of GTE.</p>
	iv. Facial Recognition software.	<ul style="list-style-type: none"> The provided test samples were analysed by the offered product (FACEVACS-DBScan LE) and results were satisfactory. The queries raised by TEC during the trial were also answered properly and the equipment met the technical specifications as per Appendix-2 of GTE.

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4. Further, few short comings were also observed by the TEC in the Technical Bid submitted by the firm, as mentioned below:-

(1) M/s Trans Virtual Pvt. Ltd.

Name of Firm	Item quoted against GTE	Techno-Commercial Parameters as per GTE	Observations
1. M/s Trans Virtual Pvt. Ltd	i) Audio Enhancement and Authentication Hardware/ Software ii) Facial Recognition software.	i) GTE Annexure- II clause 5 Qualification Criteria Sub Clause (a) at page 17. <i>"The Bidder should have supplied and installed successfully at least 1 equipment of similar technical specifications for each quoted item, in the last 5 years before the date of opening of tender and functioning satisfactorily, without adverse report for which they are quoting in the Bid as mentioned in description of stores as per clause-1 of annexure-1. For each item quoted, Satisfactory Performance Report of the similar equipment from the institution to whom the equipment of similar kind has been supplied must be enclosed with technical bid."</i> ii) GTE Appendix-6 "PERFORMANCE STATEMENT FOR LAST FIVE YEARS AS PER CLAUSE 05 OF ANNEXURE-II" at page 60 of GTE.	The Firm failed to provide the relevant documentary proof in accordance with the said clauses for both the equipment quoted by the bidder. Hence, Bidder is ineligible for the items quoted against the tender enquiry viz. i) Audio Enhancement and Authentication Hardware/ Software and, ii) Facial Recognition software

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5. Based on the observations by the TEC in the Field Trial and shortcomings in the technical bid submitted against the tender enquiry for each of the three firms for each of their quoted items, TEC recommends the following in its report: -

NAME OF FIRM	ITEM QUOTED AGAINST GTE	TECHNICALLY QUALIFIED/ NOT QUALIFIED
1. M/s KAV Engineering and Marketing Pvt. Ltd.	i. Forensic Audio Examination Hardware and Software system.	QUALIFIED
	ii. Audio Enhancement & Authentication Hardware/ Software.	QUALIFIED
2. M/s Trans Virtual Pvt. Ltd.	i. Audio Enhancement & Authentication Hardware/ Software.	NOT QUALIFIED
	ii. Facial Recognition software.	NOT QUALIFIED
3. M/s Lab Systems & Biotech India Pvt. Ltd	i. Forensic Audio Examination Hardware and Software system.	QUALIFIED
	ii. Forensic Image & Video Enhancement and analysis System.	QUALIFIED
	iii. Forensic Image and Video Authentication system.	QUALIFIED
	iv. Facial Recognition software.	QUALIFIED

6. This has the approval of AS (PM).

Rajendra Singh
 (Rajendra Singh)
 DC (Proc)
 PM Division, MHA.

Copy to:

- i. The Director, DFSS, Block No. 9, 8th Floor, CGO Complex, New Delhi-110003
- ii. The Section Officer (I.T.), IT cell website room no. 10, MHA, North Block, New Delhi, with the request to get it incorporated on the official website of MHA.
- iii. CPP Portal.

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