



भारतीय प्रौद्योगिकी संस्थान इन्दौर
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IIT Indore

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PREBID REPORT

The meeting for Pre-bid discussion and presentation was held at IIT-Indore on 15/05/2018 from 3.00 PM onwards for Notice Inviting Tender (NIT) for Biometrics Access control machine.

Total 05 (Five) Bidders have attended the prebid meeting and the details of the firms are as mentioned below:

1. M/s. Tech Sis Ltd.
2. M/s. Comsec Systems Pvt. Ltd
3. M/s. Linkwell Telesystem Pvt. Ltd
4. M/s. Unicomp InfoSolutions Pvt.Ltd
5. M/s. Mittal Infotech

The report of the meeting is as below.

S. No	Reference of the Clause No. of the Tender Document	Query/Clarification/Deviation on sought	Clarification/Response from IITI
1	Chapter 3 - clause 2 & Chapter 5 Clause 1 - mentions authorisation Or dealership from Manufacturer/OEM	PI change to "Bidder should submit Tender Specific Manufacturers Authorization Form " since this is a bulk requirement which just does not involve supply but integration and support	The tender is for end to end solution including supply, installation. Valid authorization is accepted
2	Chapter 6 Part II clause 2. 3 year warranty	most manufacturers offer 1 year warranty on similar products .pl change to 1 year	No change
3	clause no 4 & 11 - 10 yr spare availability	this period is too long based on fast changes in the field of IT products.pl change to 3 years	No change

4	clause no 6 - Installation Free	Installation of this device will depend on site/location/type of door/Lock required and other feasibility.it is beet to keep the cost as separate.	Scope of supply includes end to end solution .Hence no change.
5	Chapter- 11, Annexure I , Technical Specification - Point No 4)Machine should have CPU rating 1.2 GHz (ZMM2000) or more	We request to also consider CPU rating as 1 GHz (IMX6) or more.	No change
6	Chapter- 11, Annexure I , Technical Specification - Point No 11) Machine should Support Access Control, wiegand & RS-485 Reader	We request to consider with connecting through RS-232 port also.	No change
7	Chapter- 11, Annexure I , Technical Specification - Point No 12) Machine should support fire alarm door sensor, antipass back, door bell	We request to provide us with the hardware specifications of door sensor and door bell to study on the compatability with our terminal hardware and possibilities of connecting through Rs 232 / USB.	Specs have been amended accordingly.
8	Chapter- 11, Annexure I , Technical Specification - Point No 17) Machine should Compatible with multi door controller via wiegand	We request to provide us with the hardware specifications of door controller via wiegand	Amended
9	Chapter- 11, Annexure I , Technical Specification - Point No 20) Machine should support with our existing software or integration with existing software.	We request to provide with the solution architecture of the existing software to have more understanding in the feasibility of integrating with our terminal hardware.	Amended
10	Chapter- 11, Annexure I , Technical Specification - Point No 1) Machine should have finger print capacity 1000	Finger print capacity should be asked for at least 6000 fingerprints templates	Amended
11	Chapter- 11, Annexure I , Technical Specification - Point No 2) Machine should have Mifare card capacity 10000	The Mifare smart card capacity of device should be equal to the fingerprint templates	No change

12	Chapter- 11, Annexure I , Technical Specification - Point No 6) Machine should have 500 DPI sensor and algorithm version 10.0	Optical scanner of 500 DPI is standard and Algoversion should not be mentioned	Amended, Please see revised specification S.No-7
13	Chapter- 11, Annexure I , Technical Specification - Point No 7) Machine should have finger print identification speed :<5 sec	Identification speed of device should be equal to or less than 1 second ($=<1$ second)	Amended, Please see revised specification S.No-8
14	Chapter- 11, Annexure I , Technical Specification - Point No 9) Machine should have display 3" colour TFT or bigger	Display with name-Id showing is sufficient	No change
15	Chapter- 11, Annexure I , Technical Specification - Point No 13) Machine should support work code, DLST, Self-service query, status switch	Those features are required in the attendance scenario and not for the access control	Agreed, the point has been removed in the specifications
16	Chapter- 11, Annexure I , Technical Specification - Point No 16) Machine should support GPRS, GPS, WiFi (Optional)	Please mention if GPRS, GPS and WiFi are mandatory	As per discussions in the pre-bid meeting WiFi module is required. The clause has been updated accordingly
17	Chapter- 11, Annexure I , Technical Specification - Point No 18) Machine should support external bulb/speaker/printer output (Optional)	Printout option is not required	Agreed, the point has been removed in the specifications
18	Chapter- 11, Annexure I , Technical Specification - Point No 19) Vendor must provide Software Development Key Free of Cost	SDK or API should be mentioned instead of only SDK/Software Development Key	Agreed, the point has been ammended in the specifications. Please see revised specification S.No-17
19	Chapter- 11, Annexure I , Technical Specification - Point No 21) Machine should have battery backup of 4 hours	It is okay, but you should mention that the battery backup should be capable to give the power to the EM Lock also	Amended. Please see revised specification S.No-19

20	Additional points	Does client require desktop based access software or web based software.	We require desktop based access software right now which may be upgraded to web based one without additional cost.
		Auto Email triggering configuration is required and auto generation of reports	No
		Are you using any sort of cards? If yes mention types of cards- Prox , Mifare, Hid Prox, Hid I class cards	Yes, currently we are using Mifare cards
		No of users- per person we can register max two fingers in biometric	Mentioned in the revised specifications S.No 01. Machine should be capable to register all 10 fingers
		Which mode do you want to use the device- card mode, finger, either card or finger, card+finger mode	All modes shall be available. Institute is at liberty to select any mode.
		<p>As per discussions in the pre-bid meeting the following additional points are being mentioned for bringing out more clarity:</p> <ul style="list-style-type: none"> i) No touch exit sensor should be supplied for the EXIT purpose. ii) The building for which the current requirement has been tendered have flush single doors hence EM lock quantity may be calculated accordingly. iii) The Supply would include Supply, Installation Testing and Commissioning of the equipment would be fully in scope of the firm shortlisted after the tender process. iv) The normal power is available at the inner wall in the switch board in the studio apartments which can be drawn for connecting the device. v) Provision of appropriate UPS and wiring may also be mentioned separately so as to consider the same in this tender or similar work to be done at later stage, vi) Before submitting the quotes all perspective bidders are requested to visit the site to have a fair idea of the architecture of the building and to ascertain the quantity of wire etc required for the installation. <p>Revised specifications as per discussions in the pre-bid meeting and as per the queries received through mails have been prepared and appended below:</p>	

Revised Specification of Biometric access control machine ✓

1. Machine should have user capacity 1000 or more
2. Machine should have finger print capacity 10000 or more



3. Machine should have Mifare card Reader capacity 10000 or more
4. Machine should have transaction capacity-1,00,000 or more
5. Machine should have CPU rating 1.2 GHZ or more.
6. Machine should have 128 MB SDRAM & 256 MB Flash RAM or more
7. Machine should have 500 DPI Sensor & algorithm compatible with the devices held with the institute
8. Machine should have finger print identification speed equal to or less than 0.5 sec (= < 0.5 Second)
9. Machine should have finger print FAR <= 0.00015% & FRR <= 1%
10. Machine should have Display 3" Colour TFT or bigger
11. Machine should Support connectivity TCP/IP and USB
12. Machine should Support Access Control, wiegand & RS-485 Reader
13. Machine should support fire alarm.
14. Machine should support Push Data Facility (static IP & Domain server)
15. Machine should have optional support for HID/ I Class cards
16. Machine should have the WIFI module for connectivity.
17. Vendor must provide Software Development Key (SDK)/API Free of Cost
18. Machine should support with our existing software or integration with existing software (Presently institute is using essl e-time track Lite and ZK-Teco) or import our existing access control hardware without any licensing cost.
19. Machine should have battery backup of 4 hours, the battery of the machine should also provide power to the EM lock also.
20. Machine should have CE, FCC, ROHS Certificate
21. No touch exit sensor should be supplied for the EXIT purpose.
22. The building for which the current requirement has been tendered have flush single doors hence EM lock quantity may be calculated accordingly.
23. The Supply would include Supply, Installation Testing and Commissioning of the equipment would be fully in scope of the firm shortlisted after the tender process.
24. The normal power is available at the inner wall in the switch board in the studio apartments which can be drawn for connecting the device.
25. Provision of appropriate UPS and wiring may also be mentioned separately so as to consider the same in this tender or similar work to be done at later stage,
26. Before submitting the quotes all perspective bidders are requested to visit the site to have a fair idea of the architecture of the building and to ascertain the quantity.
27. **Price shall be quoted separately for each item for evaluation purpose.** ✓

All prospective/willing bidders are requested to take note of this report as part of the Tender document. All other terms and conditions of the tender remain unchanged.

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