

**Pre Bid Queries Clarification Format for the supply, design, install, Configure and commission the Security Access Module / Bulk Initialisation Machine / Key Management System for the Common Mobility Card (CMC) Project**

Reference: Bid No. UTIITSL/CMC-AFC/2011-12/05

Sr. No	Document Reference	Page No	Clause No	Description in RFP	Clarification Sought	Additional Remark (if any)	Response
1	Bid Document		General		We assume that UTIITSL is responsible for initializing SAM. Please confirm.		Yes, but bidder is expected to provide the training.
2	Bid Document		General		Regarding payment terms, could you please be more specific for each item? For example, whether there is an advance payment and how much.		Please refer APPENDIX II note points d, f and h where the payments terms has been clearly specified.
3	Bid Document		General		Can we assume that the Data Centre and Disaster Recovery Centre are in Mumbai and Hyderabad, respectively?		The Data Centre is in Mumbai and Disaster Recovery Centre is in Hyderabad.
4	Bid Document	18	4.31.2.2	Foreign registered companies must courier a bank draft for the value of US \$1200.00 (USD One Thousand Two Hundred Only), payable to ...	Could UTIITSL please accept Demand Draft in INR even from foreign registered companies for both tender document purchase and EMD?		Yes, it could be accepted provided it is equivalent to specified USD amount.
5	Bid Document	21	5.5.5	The bidder must have minimum annual turnover of INR 50 Crores for each of the last three (3) financial years viz 2008-09, 2009-10, 2010-11 and should also be in profit for the same financial year.	Please confirm that the 2008.4-2009.3, 2009.4-2010.3, and 2010.4-2011.3 are acceptable if the company financial year ends at December 31.		Yes it is acceptable provided it is audited and either in English language or officially translated to English.
6	Bid Document	21	5.5.9	The bidder should also have experience in the respective items of similar magnitude as follows: (i) Supplied at least 50,000 SAM in one single order; (ii) BIM supply for more then 1 Crore card initialization; (iii) KMF Solution for more than 2 transports organizations or similar projects.	In case the tender will use a 3rd party product for one of the items and the 3rd party satisfies the relevant criterion of the item, would it be counted as meeting this requirement?		The proposed item / product / solution must meet the functional and tech. spec and same time bidder should have experience implementing the same proposed items / product / solution.

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7	Bid Document	22	5.6	<b>Authentication of Bid</b> The original and the copy of the Bid shall preferably be type written and shall be signed by a person or persons duly authorized by the bidder in this behalf by way of a Power of Attorney duly executed by the bidder in the format set forth in Appendix VI -Power of Attorney Format hereto. The person or persons signing the Bid shall initial all pages of the Bid.	Please clarify that only the original Bid needs to be signed, and a copy is made after signing the original.		The Original must be signed and copy could be made after signing the original.
8	Bid Document	29	5.22.1	If sub contracting for specialized work is required, the Successful bidder will take prior permission from UTIITSL. Under all circumstances, the value of the works sub-contracted by the successful bidder should not exceed 25% of the Contract Price. The bidder is required to provide the details of the activities that it proposes to subcontract to third parties.	Being not the maker of the actual devices such as SAM, would the purchase of SAM from a 3 party be counted as sub contracting?		Yes. Purchases from third parties are acceptable directly on the successful bidder.
9	Bid Document	31	6.1.5 Vii, (b)	1.5 seconds response time for on-line inquiry	Does this performance requirement refer to internal network or dedicated network query response time? If it is for general network connection, the response time would depend on the general network condition and it would be difficult to meet this requirement.		Yes, it is public telecom network leased as a dedicated line to Transaction Clearing and Settlement House.
10	Bid Document	41	6.2.2 (xiii) ©	Standard PBOC e-purse transaction time is controlled within 100ms	PBOC is not defined in ABBREVIATIONS AND ACRONYMS.		It is an typo error, please read as "CMC e-purse" instead of "PBOC" .

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11	Bid Document	42	6.2.3.2 (v)	Speed: 1pcs/hour	Please confirm whether the units are correct.		It is an typo error, please read as "1500pcs/hour" instead of "1pcs/hour" .
12	Bid Document	44	6.2.4 (xiii)	The system will support and integrate with Hardware Security Module (HSM) or Trusted Platform Module (TPM) for securely storing the cryptographic keys that protect the database's contents	Please confirm that HSM and TPM themselves are not in the scope of this tender.		HSM / TPM is in the scope of the tender. Please find attached the revised Financial format.
13	Bid Document		General		What is the number of SAM cards that the system must process daily?		No number has been specified for daily SAM processing. It will depend on concurrent project implementation. The supplied SAMs could be tested approximately in 1-2 weeks.
14	Bid Document	10	4	<b><i>This bid is in three parts and each part shall include fixed tenure Warranty Support and Annual Maintenance Contract (AMC). The bidder may choose to bid for either in part or full.</i></b>	Is it acceptable to UTIITSL for a bidder to bid only SAM?		Please note the statement is clear that the bidder can bid either for full tender or for any part of the tender individually.
15	Bid Document	20	5.5.2	The bidder should have support centre in India, in particular at Mumbai and any other location as specified by UTIITSL.	Please specify locations as referred by "any other location".		As you have noted that the Data Centre is in Mumbai and Disaster Recovery Centre is in Hyderabad. The preference would be Mumbai however if the bidder has support centre any where in India in addition to Mumbai it is acceptable.
16	Bid Document	31	6.1.6 (i)	The bidder shall be responsible to set up a DR in a different city (Hyderabad) in a lower risk seismic zone in India in the following manner:-	Please clarify that DR has been decided to locate at Hyderabad.		Please note that our DR site is in Hyderabad.

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17	Bid Document	31	6.1.6 (i)(b)	The DRS shall be designed to replicate all data from the DC on real time basis on regular intervals.	1. Does "regular intervals" mean semi-real time instead of real time for data replication? 2. Would UTITSL be responsible for establishing and paying for the network connection between DC and DR?		1. Please note that it is semi real time. 2. UTITSL will be responsible for connectivity between DC and DR.
18	Bid Document	31	6.1.6 (i)(c)	In case of DC failure, the DRS should be online with full operational capabilities within 5 minutes.	Our understanding is that this requires two KMS systems with one located at DC and another one at DR with semi real time database connection between two. Without such architecture, it would not be possible to have "full operational capabilities" at DR if there is a catastrophic failure at DC. Please confirm that our understanding is correct.		Yes. Your understanding is correct
19	Bid Document	40	6.2.2 (iii)	Each SAM will have an internal memory of at least 64K.	Based on our previous experience, 16K memory would be sufficient for meeting the project requirement. Please confirm whether 16K is acceptable.		Please note that the requirement is clear and bidder is expected propose the solution based on the requirements and the bidder's expertise
20	Bid Document	41	6.2.2(xiii)(a)	Support asymmetric cryptographic for PKI based on RSA	Please clarify whether SAM itself must support this.		Please note that the requirement is clear and bidder is expected propose the solution based on the requirements.
21	Bid Document	91	Schedule 1	Copy of tax clearance certificate either from taxation authority/ certificate from a Chartered Accountant;	Please clarify whether this is applicable for a foreign registered company.		It is applicable for all.
22	Bid Document	91	Schedule 1	Certified copy of the revenue receipt of the payment "zzzzzzzzzzzz" / Payment for the bid document.	Please clarify what "zzzzzzzzzzzz" means.		It is indicating payment receipt number issued y UTITSL.

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23	Bid Document	91	Schedule 1	References testimonial letters from last 5 years clients with similar assignment;	Could you please expand “the last file (5) years” to last ten (10) years?		Please refer the section 5.5.8 where the requirements states minimum 5 years, so it could be applicable for 10 years.
24	Bid Document	93	Schedule 9:	As well as installation experience record on works of a similar nature and complexity over the last five (5) years and clients who may be contacted for further information on those contracts;	Could you please expand “the last file (5) years” to last ten (10) years?		Please refer the section 5.5.8 where the requirements states minimum 5 years, so it could be applicable for 10 years.
25	""	21	5.5.4.2	ISO 27001 for Systems Integration or Security Management certification at the time of submitting the bid document and throughout the assignment period.	ISO 27001 certification is for Information security management systems. ISO standard for SAM cards are not required to conform to ISO 27001. Normally SAM cards require conformity to ISO 7810, ISO 7816 (same as for contact based Smart cards). Kindly confirm.		Yes. your understanding is correct
26	""	40	6.2.2 (iv)	The SAM should have following minimum characteristics: Clause (iv) “Fast Contactless Transmission – Supports contactless smart cards up to 848 Kbps in fastest ISO 14443 A/B/C mode”.	SAM card is a contact based card and it does not do contactless transmission. Hence this requirement may be deleted. Kindly confirm.		Please note that it is indicating the characteristics of contactless cards which will be transacting with the SAM. The clause means that SAM should support such transactions.
27	""	41	6.2.2 (xii)	Compatibility with TimeCos, Sony Felica, Desfire and ISO	Since this RFP is mainly for CMC project, it should primarily include CMC in compatibility. This may kindly be included.		Agree. It is implicit that compatibility should be primarily with CMC software on cards.
28	""	41	6.2.2 (xiii)	Supports: (a) Cryptography and integrate: • Symmetric cryptography based on Triple DES and AES Encryption Algorithm support • Asymmetric cryptographic for PKI based on RSA	As per CMC specification, the crypto function support should be of Triple DES. Hence the SAM requires symmetric cryptography based on Triple DES. Kindly confirm.		Agree

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29	""	41	6.2.2 (xiii)	Supports: (b) Protocols:- T=0, T=1, 2-wire: SLE 4432/42 (S=10), 3-wire: SLE 4418/28 (S=9), I2C (S=8)	It is a Standard Industry practice to use protocols T=0 or T=1 for Smart cards. SLE 4432/42 and SLE4418/28 are only memory cards and not micro-controller smart cards which are not in vogue for Transit applications. Hence kindly consider deleting requirement of "2-wire: SLE 4432/42 (S=10), 3-wire: SLE 4418/28 (S=9), I2C (S=8)".		Agree
30	""	41	6.2.2 (xiii)	Supports: (c) Standard PBOC e-purse transaction time is controlled within 100ms	Should it not be "CMC e-purse". Kindly confirm.		It is an typo error, please read as "CMC e-purse" instead of "PBOC" .
31	""	41	6.2.2 (xiii)	Supports: (e) Anti collision	Anti collision feature is used for contactless smart cards and it is not applicable for SAM cards which is a contact based smart card.		Agreed
32	""	41	6.2.2 (xv)	Requires Compliance with standards (a) ISO/IEC 7810, ID-000 (b) ISO/IEC 14443 Part 1-4 (c) ISO 15693.	SAM cards are contact based cards and complies with ISO/IEC 7810 and ISO/IEC 7816 contact smart card standards. Hence ISO/IEC 7816 Part 1-4 to be included and clause (b) and (c) to be deleted, as the same is not applicable. Kindly confirm		It is an typo error please consider item (b) and © replaced with ISO/IEC 7816 Part 1-4.