

RFP for Issuance of smart card based driving licence and vehicle registration on BOOT basis dated 28-10-2009.

No. D. 21014/3/2009 DTE (TRP-IT) Dated Aizawl the 28<sup>th</sup> October, 2009.

**GOVERNMENT OF MIZORAM**

**BID FOR  
ISSUANCE OF SMART CARD BASED  
DRIVING LICENCE (DL), VEHICLES REGISTRATION (RC)  
PROJECT ON BUILD, OWN, OPERATE AND TRANSFER  
(BOOT) BASIS**

**ATTENTION!**

For clarification and Amendment in the tender document on the basis of pre-bid meeting held on 25/09/2009 at 11.00 A.M., Please refer to the tender document on pages as indicated below

Sl. No.	Description	Page No.
1.	CLARIFICATIONS DATED SEPTEMBER 25, 2009	87-92
2.	AMENDMENT/MODIFICATION OF TENDER DOCUMENT	93-98
3.	ADDENDUM	99

**ATTENTION!**

For 2<sup>nd</sup> Amendment in the tender document dt 28-10-2009, Please refer to the tender document on pages as indicated below

Sl. No.	Description	Page No.
1.	AMENDMENT/MODIFICATION OF TENDER DOCUMENT	100-101
2.	ADDENDUM	102

**ISSUED BY**

**DIRECTORATE OF TRANSPORT  
GOVERNMENT OF MIZORAM  
AIZAWL 796 001**

**Website: [www.transmizo.nic.in](http://www.transmizo.nic.in)**

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**SCHEDULE – I  
SECTION - I**

**GOVERNMENT OF MIZORAM  
DIRECTORATE OF TRANSPORT  
(INFORMATION TECHNOLOGY CELL)**

**No. D. 21014/3/2009 DTE (TRP-IT)**

**Dated Aizawl the 7<sup>th</sup> September, 2009**

**NOTICE FOR INVITATION OF BIDS**

Transport Department is undertaking the implementation of the project throughout the State for issuance of Smart card based Driving Licenses and Registration Certificates of vehicles on BOOT basis as per following schedule.

- |     |                                                       |      |                                                                                                                                                                                                                                                     |
|-----|-------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Address for obtaining and Submission of bid document. | (i)  | Directorate of Transport<br>IT Cell, Aizawl, Mizoram.<br>Ph. 0389 2306116                                                                                                                                                                           |
|     |                                                       | (ii) | The bid document is also available for downloading at:<br><a href="http://www.transmizo.nic.in">www.transmizo.nic.in</a><br><a href="http://www.mizoram.nic.in">www.mizoram.nic.in</a><br><a href="http://tenders.gov.in">http://tenders.gov.in</a> |
| 2.  | Cost of bid document                                  |      | Rs. 3000.00 (Three thousand) only                                                                                                                                                                                                                   |
| 3.  | Date & Time of commencement of sale of bid document.  |      | 09.09.2009                                                                                                                                                                                                                                          |
| 4.  | Last date for receipt of queries for pre-bid meeting  |      | 24.09.2009                                                                                                                                                                                                                                          |
| 5.  | Date & Time of Pre bid meeting                        |      | 25.09.2009 at 11.00 AM                                                                                                                                                                                                                              |
| 6.  | Last date of issue of Corrigendum / addendum.         |      | 30.09.2009                                                                                                                                                                                                                                          |
| 7.  | Last date & time of submission of bids.               |      | 20.10.2009 up to 2.00 PM.                                                                                                                                                                                                                           |
| 8.  | Opening of Pre-qualification Bid                      |      | 20.10.2009 at 3.00 PM.                                                                                                                                                                                                                              |
| 9.  | Opening of Technical Bid:                             |      | Will be intimated to all the short listed bidders in the Pre-qualification bid.                                                                                                                                                                     |
| 10. | Opening of Financial Bid:                             |      | Will be intimated to all the technically qualified bidders                                                                                                                                                                                          |

Note:- The Transport Department shall not be responsible for any delay postal or otherwise for non- receipt/non delivery of the bids.

Sd/-  
(SIAMLIANA)  
Director of Transport.

**SCHEDULE –I**

**BID DOCUMENT**

**SCHEDULE-I  
SECTION-II**

**PREPARATION OF BID**

**2.1.0 LANGUAGE OF THE BID**

Bidders are required to furnish all information and documents, as called for in this Document, in English Language. Any printed literature furnished by the bidder may be in another language, provided that this literature is accompanied by an English translation, in which case, for the purpose of interpretation of the document, the English version duly authenticated will prevail.

**2.2.0 PROCEDURE FOR SUBMISSION OF BIDS.**

2.2.1. The Department will follow a three part bid system, i.e. the bidder will be required to submit it in three parts:-

- (1) The Pre-qualification Bid :( Schedule-I and II) with same information on CD
- (2) The Technical Bid: (Schedule-III) with same information on CD
- (3) The Financial Bid: (Schedule-IV) with same information on CD

2.2.2. The Pre qualification Bid, Technical Bid and the Financial Bid shall be sealed in separate envelopes and should be kept in an outer envelope for submission. This outer cover shall be super scribed as follows:

Outer Envelop containing Schedule-I to IV

**“BID FOR SMART CARD BASED DL, RC & TRANSPORT  
DEPARTMENT’S ACTIVITIES COMPUTERISATION”**

**To,**

**Director of Transport,  
Mizoram, Aizawl – 796001.**

2.2.3. **The Pre qualification Bid Cover** – The *Pre qualification Bid Envelope* shall be super-scribed “ **BID FOR SMART CARD**” - “ **Pre Qualification BID** ”, and addressed as mentioned below at clause 2.2.6 Name and full address of the bidder shall be put on the left-hand bottom corner of the envelope. The Pre Qualification *Bid Envelope* shall contain:

- (a) **Schedule -I**, duly filled and signed on each page along with all supporting documents, Annexure etc., as per the requirement of the bid.
- (b) **Schedule -II**, duly filled and signed on each page along with all supporting documents, annexure and Earnest Money Deposit in form of Demand Draft of **Rs. 5.00 lakh** as per the requirement of the bid.

2.2.4 **The Technical Bid Cover** – The *Technical Bid Envelope* shall be super-scribed “**BID FOR SMART CARD**”-“**TECHNICAL BID**”, and addressed as mentioned below at clause 2.2.6. Name and full address of the bidder shall be put on the left-hand bottom corner of the envelope and shall contain only the Schedule-III duly

filled and signed on each page along with all supporting documents, annexure etc., as per the requirement of the bid document.

- 2.2.5 **The Financial bid Cover** – The *Financial bid envelope* shall contain the Schedule IV—duly filled in, signed and stamped on each page - , and super-scribed “**BID FOR SMART CARD**” – “**FINANCIAL BID**”, and addressed as mentioned below at clause 2.2.6.
- 2.2.6 Name and full address of the bidder shall be put on the left- hand bottom corner of the envelope.

Pre qualification bid Envelop  
Schedule-I & Schedule-II

<p>“<b>BID FOR SMART CARD</b>” - “<b>Pre Qualification BID</b>” To,</p> <p>The Director of Transport Government of Mizoram, Aizawl - 796001</p>
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Technical bid Envelop  
Schedule-III

<p>“<b>BID FOR SMART CARD</b>” - “<b>Technical BID</b>” To,</p> <p>The Director of Transport Government of Mizoram, Aizawl- 796001</p>
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Financial bid Envelop  
Schedule-IV

<p>“<b>BID FOR SMART CARD</b>” - “<b>Financial BID</b>” To,</p> <p>The Director of Transport Government of Mizoram, Aizawl- 796001</p>
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- 2.2.7 Bid documents shall be submitted at the address given below on or before the date and time notified by department.

I.T. Cell,  
Directorate of Transport,  
Aizawl – 796001

Note: It is to be noted that the Financial Bid is NOT to be placed either in the Pre-qualification bid or in the Technical Bid Envelope. If it is found so then the bid shall be rejected summarily.

**SCHEDULE-I  
SECTION-III**

**INSTRUCTIONS TO BIDDERS**

**3.1.0 DEFINITIONS, ABBREVIATIONS AND INTERPRETATIONS**

In this document unless otherwise the context specifies, the following words and phrases shall mean and include;

1. **“Act”** shall mean the Motor Vehicle Act, 1988 and Mizoram Motor Vehicle (Taxation) Act, 1997 as amended from time to time.
2. **“Agreement”** means the document signed by the successful bidder and authority that incorporates any final corrections or modifications to the bid.
3. **“Arbitrator”** means the person agreed to by both, the Authority and the successful bidder to arbitrate in case of dispute and shall act within the provisions of the Arbitration and Conciliation Act, 1996.
4. **“Authority”** shall mean Director of Transport or any authority higher than him as may be designated by the Government of Mizoram.
5. **“Bid”** means the complete bidding document submitted by the bidder to the Authority or the Department and shall include any corrections, addenda and modifications made therein.
6. **“Bidder”** shall mean an Individual Company registered under the Companies Act 1956 or a Consortium of companies consisting of not more than three companies or a Joint Venture as defined in this document which participates in the Bidding process.
7. **“Contractor”** shall mean the successful bidder to whom contract is awarded.
8. **“Department”** shall mean the Transport Department, Government of Mizoram.
9. **“Financial Capability”** means financial worthiness of bidders as per the terms of the Bid.
10. **“Government”** shall mean both the Government of Mizoram and Government of India as the case may be.
11. **“IT”** means Information Technology.
12. **“Invitation of Bid”** means the advertisements published in accordance with the legal requirements or public notice by other means to prospective bidders of the forthcoming opportunity to Bid for the Contract.
13. **“Joint Venture”** shall mean the association of companies not exceeding three in number and at least one out of them is an Indian registered company (under the Companies Act 1956), which is the prime bidder and system integrator having equity participation more than 50% in the Joint Venture.



14. “Prime Bidder” shall mean the Indian company of the Consortium/Joint Venture incorporated under the Companies Act, 1956 which shall interface with the Government on behalf of Consortium/Joint Venture, for the successful execution of the project for the entire agreement period.
15. “**Letter of intent**” means the formal acceptance of the bid by the Department.
16. “**Notification**” shall mean and include all orders, directives and intimations issued by the Government in Official Gazette.
17. “**Registering Authority**” shall mean and include the authorities as defined in section 2 (37) of the Motor Vehicles Act, 1988, and which shall also include Motor Vehicles Dealers authorized as Registering Authority.
18. “**Registration Mark**” shall mean the mark as mentioned in Sub-Section 6 of Section 41 of Motor Vehicles Act, 1988.
19. “**Rules**” shall mean the Central Motor Vehicles Rules, 1989, Mizoram Motor Vehicles Rules, 1995 and Mizoram Motor Vehicles (Taxation) Rules, 1997.
20. “**Smart Card**” (As defined in clause (s) of rule 2 of Central Motor Vehicles Rules, 1989) means a device capable of storing data and executing commands which is a microprocessor chip mounted on a plastic card and the dimensions of the card and chip are specified in the International Organisation for Standardization (ISO) / International Electro Technical Commission (IEC) 7816 specifications, as may be amended from time to time and shall be as per the specifications specified in Annexure-I of bid document (schedule -I).

*Explanation.-* For the purpose of this clause, microprocessor chip shall have non-volatile rewritable memory capacity of minimum 16 Kilo Byte consisting of application data, file headers, security definitions, and a maximum of 350 bytes for Operating System Interfacing, as specified by the Ministry of Road Transport and Highways from time to time for Driving License and Vehicle Registration Certificate applications.

21. “**Director of Transport**” shall mean **Director of Transport**, Government of Mizoram.
22. “**DTO**” shall mean District Transport Officer or an Officer holding the charge of a District Transport Office.

### 3.1.1 INTRODUCTION

- 3.1.2 Offers are being invited for execution of the contract as per the requirements, specifications, terms and conditions laid down in this bid, on Build, Own, Operate and Transfer (BOOT) basis.

### **3.1.3 Pre Bid Meeting:**

- a) The bidder or its authorized representative is invited to attend a pre Bid Meeting which will take place at the Office chamber of Director of Transport on 25.09.2009 at 11:00 A.M.
- b) The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at this stage.
- c) The Bidder is requested to submit any question in writing to reach the Transport Department not later than the last date for receipt of queries i.e. 24.09.2009 for pre bid meeting.
- d) Any modifications in the bid document which may become necessary as a result of the pre bid meeting shall be made by the Transport Department exclusively through the issue of a corrigendum/addendum on the Website <http://www.transmizo.nic.in>, <http://www.mizoram.nic.in> and <http://tenders.gov.in> latest by 30.09.2009 and the sale of bid document will begin simultaneously. The Transport Department shall be free to amend the document as per requirements.

3.1.4 The Bid procedures will be in three stages wherein the bidder will be required to submit

- Pre Qualification Bid,
- Technical Bid
- Financial bid.

### **3.2.0. THE BID DOCUMENT**

3.2.1 Only the bidder, in whose name the bid document has been purchased, shall submit the bid document. If bid document is down-loaded from State Government's web site, the bidder at the time of submission of bid document shall deposit the cost of bid document in cash or D.D. amounting to Rs.3,000.00 (Rupees Three Thousand)only in favour of "Director of Transport, Mizoram" payable at Aizawl along with pre-qualification bid envelope.

3.2.2 The Bid Document purchased from department is not transferable.

3.2.3 Intending bidders are required to carefully go through the instructions included in the document and furnish complete information, necessary documents and schedules duly filled in.

3.2.4 Photocopy of any document shall be acceptable if attested by the person who is authorised to sign the bid document. In case of detection of any forgery, then the bid shall liable to be rejected & Earnest Money Deposit (EMD) shall be forfeited & department may also resort to criminal action against the bidder.

3.2.5 In case the bidder is a company then it should submit memorandum of association and articles of association of the company along with the latest details of Board of Directors of the company.

3.2.6 In case the bidder is a joint venture then it should submit the copy of joint venture agreement along with memorandum of association, articles of association and latest

details of Board of Director of each company forming Joint Venture. The Joint Venture agreement shall clearly state who shall be the prime bidder and system integrator along with complete description of partners and the roles and responsibilities of the partners of the Joint Venture. This information is to be submitted in Annexure -II of Schedule-II of the bid document.

- 3.2.7 In case the bidder is a consortium then the partner companies of the consortium shall have a binding Memorandum of Understanding amongst all the companies. A certified copy of the same attested by a notary public shall be attached with the bid document. The latest details of board of directors of each company forming the consortium shall also be enclosed. The consortium agreement/Memorandum of Understanding shall clearly state the composition of the consortium who shall be the prime bidder, the complete description of the partner and the role and responsibilities of the partners. This information should be submitted in **Annexure II of Schedule II** of the bid document.
- 3.2.8 In case of consortium or joint venture no company will be allowed to participate in more than one bid i.e. they should have exclusive partners in case it is observed that any consortium or joint venture have a common partner then such consortiums or joint ventures will stand disqualified and under no circumstances their bids will be entertained. An undertaking in this regard has to be enclosed.
- 3.2.9 Members of the Consortium/Joint Venture shall be jointly and severally liable to the government for the execution of the project in accordance with the terms of the bid document and a statement of this effect shall be included in the Memorandum of Understanding/Joint Venture Agreement.
- 3.2.10 One of the members of the consortium shall be nominated and authorized by all members of the consortium as Prime bidder and system integrator and this authorization shall be supported by a Power of Attorney. The consortium agreement/memorandum of understanding should also clearly state that the authorized prime bidder shall have the authority to conduct business for and on behalf of the partners of the consortium both during the bidding process and during the agreement period.

### **3.3.0. EARNEST MONEY DEPOSIT (EMD)**

- 3.3.1 Bids shall be accompanied with non-interest-bearing Earnest Money Deposit amounting to Rs. 5.00 Lakh (Rupees Five Lakh only), in the form of Demand Draft in favour of the “Director of Transport, Mizoram, Aizawl”, payable at Aizawl or a Bank Guarantee of Rs. 5.00 Lakh (Rupees Five Lakh only), from any scheduled bank in India in favour of Director of Transport, Mizoram, Aizawl payable at Aizawl valid for a period of 70 months from the date of submission of bid. The bank guarantee shall be in the format specified in **Annexure - III of Schedule I** of bid document.
- 3.3.2 Any Bid not accompanied by an EMD as per clause 3.3.1 shall be rejected summarily.

- 3.3.3 EMD of unsuccessful bidders who have not been technically qualified/short listed will be released after finalization of technical bids and EMD of remaining bidder shall be released only after successful bidder has entered into an agreement with the department. No interest is payable to the bidder by the department on EMD.
- 3.3.4 The EMD of successful bidder shall be kept as part of security deposit till the completion of the contract period and shall be refunded only after settlement of dues etc., if any. No interest on this amount shall be payable.
- 3.3.5 The EMD shall be forfeited:
- (a) When the Bidder withdraws or modifies the offer after opening of the tender but before acceptance of the tender.
  - (b) When Bidder does not executes the “Agreement” if any, prescribed within the specified time.
  - (c) When Bidder fails to commence the supply of the items as per the Purchase Order within the time prescribed.
  - (d) When the Bidder does not deposit the Security money after the purchase order is given.
- 3.3.6 Government Companies is exempted from submission of EMD. Such Government Company may be called upon to furnish sufficient proof of their shareholding & constitution.
- 3.3.7 Unsuccessful Bidder’s EMD will be discharged/returned, without any interest, as promptly as possible, but not later than 30 (Thirty) days after the expiration of period of bid validity prescribed by the Department.

#### **3.4.0. BANK CERTIFICATE**

- 3.4.1 Every bidder and in case of Joint Venture/Consortium, prime bidder shall furnish a bank certificate issued by any scheduled Commercial Bank in India which certify the bidders financial soundness and capability of Rs.1.00 Crore or more amount.
- 3.4.2 Authority to seek references from the bidder's Bankers is to be furnished.

#### **3.5.0. INCOME TAX**

Bidder shall have to submit the copy of latest Income Tax Return bearing Permanent Account Number (PAN) submitted to the Income Tax Officer of the circle concerned, for the previous financial year along with the bid.

#### **3.6.0. SMART CARDS**

The bidder or the prime bidder shall submit the copy of valid certification issued from NIC to its own name or to the manufacturer with whom the bidder/prime bidder has entered into a supply arrangement of smart cards to be used under the project. The certification from National Informatics Center (NIC) must contain that these smart cards to be used under the project are SCOSTA compliant (with the latest modifications) and meet the NIC specifications for the whole duration/currency of

the contract period. Provisional /conditional NIC certificate shall not be accepted. In case the certification is for a limited period then the contractor will ensure timely renewal.

The basic application software to be used for Handheld Terminals shall have to be certified by NIC before implementation by the successful bidder. The bidder is required to submit in the pre qualification bid, the manufacturer's authorisation form for the smart card, smart card reader and Handheld Terminal in the enclosed prescribed formats given at **ANNEXURE-IV, V and VI**. The supply arrangement should be for smart cards compliant to National standards for driving licence / registration certificate card as certified by NIC for the contract period.

### **3.7.0 TURNOVER AND EXPERIENCE OF BIDDER**

- 3.7.1. The Bidder or the Prime bidder should have a minimum turnover of Rs. 1.00 crores from IT business during any one year of the preceding three financial years i.e. 2006-07, 2007-08, 2008- 09. This turnover is to be further classified in three separate components i.e. IT enabled citizen centric services, Hardware/Network Equipment sales maintenance and integration of Smart Card based projects as per **Annexure-III of Schedule -II**. A certificate regarding turnover issued by Chartered Account (CA) should be enclosed.
- 3.7.2 In case the bidder or the prime bidder is the smart card manufacturer/supplier, then he must have a minimum manufacturing/supply capacity of 2 Lakh SCOSTA compliant smart cards per annum and in case the bidder or the prime bidder is not a smart card manufacturer/supplier, then he shall submit the manufacturers authorization form for the supply of SCOSTA compliant smart cards issued by a manufacturer having a minimum manufacturing capacity of 3 Lakh smart cards per annum (a self certification along with a proof of production capacity must be submitted. He must also submit manufacturer authorization for Smart card Reader and Handheld Terminal.
- 3.7.3 The Bidder or the Prime bidder in case of Joint Venture/Consortium must have successfully executed minimum one project in the domain of Citizen Centric IT Service Delivery, covering a wide geographical area networked together. As a proof of successful execution of the project a satisfactory performance certificate along with work order issued by client/user agency should be submitted.
- 3.7.4 The Bidder or the Prime bidder in case of Joint Venture /Consortium should have valid ISO 9001 certificate for IT services and shall submit copy of such certificate along with the bid.
- 3.7.5 In case the bid is submitted by a Joint Venture/Consortium the Prime bidder shall separately submit the turnover details and experience details of all the partnering companies of the Joint Venture/Consortium.
- 3.7.6 In case the bidder or the prime bidder is not the smart card manufacturer/supplier then the bidder or the prime bidder in case of Joint Venture/ Consortium should have Smart Card supply arrangement for the duration of the contract with Smart Card Manufacturer having valid certification from NIC as referred in clause 3.7.2. In

either of the cases the Smart Card manufacturing facility should be secured facility, which includes milling and embedding. The Manufacturing facility should be ISO 9001 for smart card manufacturing. The Authorization letter from Smart Card Manufacturer about supply arrangement is to be submitted along with the bid in **Annexure IV of Schedule II.**

### **3.8.0 Disqualification**

3.8.1 Any bidder, Managing Director or Director of the bidding company who has been:-

- (a) Convicted of a cognizable offence by any court of law; or
- (b) Detained under the National Security Act, 1980 (65 of 1980) or the Narcotic Drugs and Psychotropic Substance Act, 1985 (61 of 1985); or
- (c) found to be associated in any manner with an organized crime syndicate or its associate or with any Association declared unlawful under the Unlawful Activities (Prevention) Act, 1967 (37 of 1967) or any other law for the time being in force: or
- (d) Found to be involved in fraudulent activities in the issuance of smart cards in any State/Country; shall not be considered for awarding the contract.

3.8.2 No company of a consortium/ Joint Venture will be allowed to participate in more than one bid. In case it is observed that two consortiums have a common partner then both the consortium will stand disqualified and under no circumstances their bids will be entertained.

### **3.9.0. PERIOD OF VALIDITY OF BID**

3.9.1 All bids shall be valid for a period of 180 days from the date of opening of the bid.

3.9.2 A bid with a validity period less than 180 days shall be deemed as non-responsive and rejected summarily.

3.9.3 In exceptional circumstances, the department may ask the bidders to extend the period of validity for a specified additional period. The communication of department and the bidder's response shall be made in writing. A bidder agreeing to the request will not be permitted to modify his bid.

### **3.10.0. ALTERNATIVE PROPOSALS BY BIDDERS**

Bidder shall submit offer, which fully complies with the requirements of the bid document, including the conditions of contract, basic technical design as indicated in the specification part. Conditional offers or alternative offers shall not be considered in the process of bid evaluation.

### **3.11.0. SIGNING OF THE BID**

3.11.1 Bid shall be signed by a duly authorised person holding power of attorney for signing the bid document.

- 3.11.2 If a limited company/ joint venture/consortium submits the bid, it shall be signed by a duly authorized person holding power of attorney for signing the bid document. A certified copy of registered power of attorney shall accompany the bid.
- 3.11.3 All partners of the joint-venture/consortium shall be jointly or severally liable for execution of the contract in accordance with the terms and conditions laid down in the bid. The Prime Bidder shall interface with the Government on behalf of Joint Venture/Consortium, for the successful execution of the project for the entire agreement period.
- 3.11.4 The composition or the constitution of the joint venture /consortium shall not be altered without the prior consent of the State Government, in case consent is accorded, the new joint venture/consortium so constituted shall execute fresh agreement with the State Government.
- 3.11.5 The original bid shall be printed, typed or written in ink, and shall be signed by a person or persons duly authorised to sign on behalf of the bidder. All pages of the bid and where entries or amendments have been made shall be initialed by the person or persons signing the bid.
- 3.11.6 The bid shall ordinarily contain no alterations or additions, except those to comply with instructions issued by the department, or as may be necessary to correct errors made by the bidder, in which case the person or persons signing the bid shall initial such corrections.
- 3.11.7 All witnesses and sureties shall be persons of status and probity. Their full names, occupations and addresses shall be provided below their signatures. All signatures shall be dated.

### **3.12.0. COST OF BIDDING**

- 3.12.1 The bidder shall bear all costs associated with the preparation and submission of its Bid, including cost of presentation for the purposes of clarification of the Bid, if so desired by department. Department in no case be responsible or liable for those costs regardless of the conduct or outcome of the bidding process.
- 3.12.2 Any bidder wishing to undertake site visits for familiarization with site conditions may do so. For any guidance/assistance in this respect, bidder may contact ADT/APM. All costs towards site visits, conference and submission of documents shall be borne by the bidders themselves.

### **3.13.0. AMENDMENTS IN THE BID DOCUMENTS**

- 3.13.1 At any time prior to last date of submission of bid, department reserves the right to modify the document by issuing an amendment.
- 3.13.2 Department may, at its discretion extend the last date for the receipt of bids which shall be published in News papers.

### **3.14.0. QUOTATION OF RATES**

- 3.14.1 The rates quoted by the bidder shall be firm and fixed and shall remain constant throughout the period of contract. The bidder shall fill in rates for each item separately in Indian Rupees both in figures and words in Financial Bid (Ref. **Schedule A & B of Schedule – IV**), which shall be inclusive of all duties, taxes including the local taxes, as applicable in the State. However included tax duties etc. are to be specified separately for use in future, in case necessity arises. The quoted rates must not contain any additions/ alterations, over-writings, cuttings or corrections and any other markings, which leave any room for doubt.
- 3.14.2 Rates should not be disclosed in any form or by any reason in Technical Bid or before opening the Financial Bid failing which the bid shall be liable to be rejected.

### **3.15.0. CORRECTION OF ERRORS**

- 3.15.1 There should not be any discrepancy in the rates quoted in figures and words in the financial Bid. If there is any discrepancy between the rates quoted in figures and in words, the lower of the two shall be considered.
- 3.15.2 The rates stated in the financial bid will be considered in accordance with the procedure as per sub-clause 3.15.1 and shall be construed as binding upon the bidder. If the bidder does not accept the above decision, the Bid shall be rejected and the EMD shall be forfeited.

### **3.16.0. CURRENCY FOR BID EVALUATION**

- 3.16.1 The unit rates and the prices shall be quoted by the bidder in Indian Rupees only.
- 3.16.2 Bid will be evaluated on the basis of all calculations in Indian Currency only

### **3.17.0. DEADLINE FOR SUBMISSION OF BIDS**

Bid documents shall be submitted at the address shown below on or before 20.10.2009 up to 2.00 P.M.

IT CELL  
Directorate of Transport  
Mizoram, Aizawl.

### **3.18.0 BIDS RECEIVED LATE**

The Bids received after date and time fixed for submission shall not be opened. Department is not responsible for delay, loss or non-receipt of documents sent by post/courier/or other means.

### **3.19.0 MODIFICATION OF BIDS**

No bidder will be allowed to modify or withdraw the bid after submission of the bid.



### **3.20.0. LOCAL CONDITIONS**

3.20.1 It will be imperative on each bidder to fully acquaint himself /themselves with the local conditions and factors, which would have any effect on the performance of the Contract and/or the cost of the service asked for in the tender.

### **3.20.2. ADDRESS FOR CORRESPONDENCE**

The bidder shall designate the official mailing address at which all correspondence shall be sent by the department.

### **3.21.0. OPENING AND EVALUATION OF BIDS**

Bid Evaluation Committee (BEC) will be formed by Transport Department.

Procedure for opening & evaluation of Bids has been narrated in following clauses.

### **3.22.0. PRE QUALIFICATION BID ENVELOPE**

3.22.1 The pre qualification bid envelope will be opened on the last day of submission at 1500 Hrs in the presence of the bidders or their authorised representatives who wish to be present at the time of opening.

3.22.2 It is imperative for all the bidders to furnish all the documents and evidences as required for evaluation. If the various documents contained in the envelope do not meet the requirements the bidder shall not be considered eligible/qualified for opening of technical bid.

3.22.3 All documents/annexure /certificates required as per **Schedule -II** are mandatory. In case any one of the required document is not attached by the bidder together with the Pre Qualification Bid or do not meet the requirement of the bid, bid shall be summarily rejected without asking any further clarification.

3.22.4 No document/annexure/certificate shall be accepted after submission of bid.

3.22.5 After evaluation of Pre Qualification Bid a suitable date and time of opening of Technical Bid will be intimated to eligible bidders to enable them to be present at the time of opening of Technical Bid.

### **3.23.0. TECHNICAL BID ENVELOPE**

3.23.1 Technical Bid envelope of only those bidders who have been found eligible in the pre-qualification bid shall be opened in the presence of the bidders or their authorised representatives who wish to attend, at the time and the place which will be communicated to them in advance.

3.23.2 The bidder shall also be called upon to demonstrate the solution offered at the place and time decided by department. The presentation/demonstration shall be on Power Point. All the costs of such demonstrations shall be borne by the bidder. A write up and a soft copy of the presentation along with technical bid have to be submitted by the bidder. Outline on which the bidder is required to make the detailed presentation on execution of BOOT project is at Annexure-A of Schedule -III.

### 3.23.3 TECHNICAL PRESENTATION:

The Bidders shall make a presentation, followed by a live demonstration to the BEC at their own cost, on the date, time and venue intimated by the Department; The presentation to be made by the Bidders will be on the following parameters:-

- a) Overview of the company (in case of consortium, highlight the skills/experience brought in by the consortium partner);
- b) Operational plan indicating the entire process flow: Design, Development & Implementation Methodology; Change Management procedures; Risk Management procedures; User training plan and Training delivery methodology; Post Implementation Operations & Facility management methodology; Maintenance Practices; Disaster recovery.

The presentation given by the Bidder shall form a part of his technical bid. The Bidder shall be judged on each of the parameters listed in Annexure VI of Schedule I. A bidder whose presentation is unanimously disapproved by the BEC on any one individual parameter shall be disqualified.

3.23.4 It is imperative for all the bidders to furnish all the documents and evidences as required for evaluation. If the various documents contained in this envelope do not meet the requirements the bidder shall not be qualified for opening of Financial Bid.

3.23.5 The contents of Technical Bid will be evaluated strictly in accordance with the requirements of the bid document by applying point system as mentioned in **Annexure VI of Schedule I**. After evaluation of Technical Bid a suitable date and time of opening of Financial Bid will be intimated to short listed bidders to enable them to be present at the time of opening of Financial Bid.

### 3.24.0. FINANCIAL BID ENVELOPE

3.24.1 Financial Bid envelope of only those bidders who have been found qualified in the technical bid shall be opened in the presence of the bidders or their authorised representatives who wish to attend, at the time and the place which will be communicated to them in advance.

3.24.2 The bidder is required to mention unit rate including all taxes, duties and levies (However included tax duties etc. are to be specified separately for use in future, in case of necessity arises), in "Schedule – A" and "Schedule – B" of Schedule - IV of Financial Bid.

3.24.3 The weighted per unit cost so calculated shall decide the lowest bidder. However, for clarity, payment to the contractor shall be made at the rates quoted for each item of card issued i.e. for smart card:

- (1) Driving licence
- (2) Registration certificate of motor vehicles

### 3.25.0. **PROCESS TO BE CONFIDENTIAL**

Information relating to the process of examination and evaluation shall not be disclosed to bidders or any other persons. Any effort by the bidder to influence the processing of bids or decision may result in the rejection of his bid

### 3.26.0. **DETERMINATION OF RESPONSIVENESS**

3.26.1 For the purpose of bid evaluation, a responsive bid is one, which conforms to all the terms, conditions and specifications of the bid document without any deviation or reservation.

Any deviation or reservation is one:

- i) Which affects the scope, quality or performance of the Project?
- ii) Which is inconsistent with the bid document, also limits the departments rights or the bidder's obligations under the contract or
- iii) Whose rectification would affect unfairly the competitive position of other bidders presenting responsive bids?

3.26.2 Bids without proper authorization from the manufacturer as per clause 3.7.2 shall be treated as non-responsive.

3.26.3 Department shall retain all documents submitted by the bidder and these will not be returned.

### 3.27.0. **EVALUATION OF BIDS.**

3.27.1 A Committee constituted by the department will evaluate the bids.

3.27.2 The bids shall be evaluated in respect of the information asked for in the various forms and about financial qualification, technical qualification, infra-structural strengths of the bidders, capability of the bidder, meeting minimum guaranteed specifications, experience of the bidder, and the plan of implementation for this bid. The evaluation of technical bid criteria shall be as per **Annexure - VI of Schedule I**.

3.27.3 The preparedness of the bidder would also be evaluated on the basis of the inputs provided in the bid and shall be supplemented by the demonstration of the deliverables, applications software and the equipment proposed to be supplied by the bidder, the plan of implementation and the financial plan for execution of the contract.

3.27.4 The bidder's responsiveness to supply of information, as asked for in the bid, shall be a major criterion for evaluation, and the bidders are advised to provide complete details for every data item asked for in the various formats. The bidder may be asked to provide a demonstration of the applications covered in this Bid document.

### 3.28.0. CRITERIA FOR AWARD OF CONTRACT

- 3.28.1 The lowest bidder may be invited for negotiation, if required. However, negotiation of rates would not provide any opportunity to alter any condition of bid and / or to add any new condition.
- 3.28.2 The bidder shall intimate the department of his acceptance of the offer in writing within the prescribed period as mentioned in the letter of intent to be issued by the department. In case the lowest bidder does not accept the offer, 50 percent of the EMD deposited by him shall be forfeited and the offer shall be passed on to the second lowest bidder on the rates offered by first lowest bidder.
- 3.28.3 Bidder who is given a letter of intent but does not accept the offer shall forfeit 50 % of the EMD as per clause 3.28.2. The remaining 50% of the EMD will be processed and released only after two months from the date of non acceptance letter received from the bidder

### 3.29.0. RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS

- 3.29.1 The decision of the Director of Transport regarding the opening of bids, evaluation and acceptance of the bid shall be final and binding on all the bidders.
- 3.29.2 The department reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the department's decision.

### 3.30.0. NOTIFICATION OF AWARD

Department would issue "Letter of Intent" to the bidder by facsimile (fax) and would also be confirmed by registered letter/ speed post.

### 3.31.0. SECURITY DEPOSIT

- 3.31.1 After acceptance of the offer in writing is received from the successful bidder, the successful bidder shall furnish a security deposit of Rs.10 Lakh (Rupees Ten lakh only) within 15 days. The security deposit shall be deposited in the form of a demand draft in favour of "**Director of Transport, Mizoram**" payable at Aizawl or in the form of National Saving Certificate duly pledged in favour of **Director of Transport, Mizoram, Aizawl** or by way of an unconditional and irrevocable Bank Guarantee issued by a scheduled Bank in India in favour of **Director of Transport, Mizoram** payable at Aizawl in prescribed format - **Annexure III of Schedule I**. The EMD deposited earlier shall be adjusted against the security deposit. The balance amount shall be deposited in the form of a demand draft from a nationalized bank in favour of "**Director of Transport, Mizoram**" payable at Aizawl or National Saving Certificate duly pledged in favour of **Director of Transport, Mizoram, Aizawl** or by way of Bank Guarantee in favour of **Director of Transport, Mizoram** valid for 70 months as per clause 3.3.1 issued by a scheduled bank, payable at Aizawl. No interest on security deposit shall be payable to the bidder in any case.

- 3.31.2 The security deposit shall be refunded to the successful bidder after the satisfactory completion of contract.
- 3.31.3 Failure of the successful bidder to comply with to deposit the security deposit as per clause 3.32.1 shall lead to cancellation of the award and forfeiture of EMD.

### **3.32.0 SIGNING OF AGREEMENT**

- 3.32.1 On receipt of letter of intent the successful bidder will report in the office of Director of Transport along with required non- judicial stamp paper of appropriate amount with in 30(Thirty) days for signing the formal agreement between the parties. The signing of the agreement shall take place only after furnishing of Security Deposit by the bidder as per Clause 3.31.1 of Section-II
- 3.32.2. The agreement will be signed by the legally authorised person of the bidder. If the bidder fails to sign the agreement as per clause 3.32.1 in the specified period, the earnest money deposited (EMD) as well as security deposited if any already deposited shall be forfeited.

### **3.33.0. CORRUPT OR FRAUDULENT PRACTICES**

- 3.33.1 The department requires that all the bidders should observe the highest standard of ethics. In pursuant to this policy, the department:
  - a) Defines, for the purposes of this provision, the terms set forth as follows:
    - (i) “Corrupt Practice” means behaviors on the part of officials in the public or private sector by which they improperly and unlawfully enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value.
    - (ii) "Fraudulent Practice” means a misrepresentation of facts in order to influence a evaluation process or execution to the detriment of the Government, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid price at artificial, non-competitive level and to deprive the department of the benefits of free and open competition.
  - b) Will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
  - c) Will declare a bidder ineligible, either indefinitely or for a stated period of time, if it at any time determines that the bidder has engaged in corrupt or fraudulent practice in competing for, or in executing, this project.

**SCHEDULE-I  
SECTION-IV**

**TERMS AND CONDITIONS OF THE BID**

**4.1.0. PERIOD OF CONTRACT**

- 4.1.1 The project shall operate on Build, Own, Operate & Transfer (BOOT) basis for a period of five years. The Contract shall be for a period of five years commencing from the date of agreement. A detailed agreement shall be entered into between the contractor and the department for above mentioned period.
- 4.1.2 Contract period may be extended for a further period not exceeding three years on mutually agreed terms.
- 4.1.3 The contractor should submit the bid for the entire state of Mizoram. The contractor should quote a per card rate for the BOOT project.
- 4.1.4 On the expiry of currency of contract all the hardware, software and other equipments, infrastructure installed by the contractor would be transferred free of cost to department in good working conditions.

**4.2.0. TIME SCHEDULE FOR INSTALLATION**

- 4.2.1 Department would provide the contractor bare available space for installation of hardware machinery etc. The necessary structure or any modification or alterations, wherever required, shall be done by the contractor himself at his own cost.
- 4.2.2 After signing of agreement, the contractor is required to make the whole system functional at all locations in the State within a period of 45 days failing which action as per clause 4.5.1 and 4.5.2 shall be initiated. In case of delay on account of reasons beyond the control of contractor, department may extend the time for a further period not exceeding 90 days.

**4.3.0. TIME SCHEDULE FOR PERFORMANCE**

The contractor is required to deliver documents/Cards on the same day, on which the necessary papers are received by offices of the department. The turn around time for final disposal of documents by contractor would be four hours every day. The documents received after 2.00 P.M. shall have to be disposed off at the beginning of the following working day. In case of delay, it would be considered that the system was not in operation and Liquidated Damages clause as per clause 4.5.0 shall be made applicable.

**4.4.0. DELAYS IN THE PERFORMANCE**

- 4.4.1 Timely implementation of the project shall be as per clause 4.4.2 and 4.4.3.

4.4.2 In case of delay in the implementation of the project and / or any delay in performance during the contract period, the contractor shall be liable to any or all of the following actions:

- i) Imposition of Liquidated Damages.
- ii) Forfeiture of security deposit.
- iii) Forfeiture of bank guarantee by way of encashment.
- iv) Termination of the Contract for default.

4.4.3 If at any time with respect to commencement of the project as required under sub clause 4.4.2 or during performance of contract as required under this clause the contractor may face difficulties impeding timely completion of the project under the contract and / or performance of services, the contractor shall promptly inform the department in writing of the fact of the delay within 24 hours and its causes and likely duration. As soon as practicable, after receipt of the contractor's notice, the department shall assess the situation and may at its discretion extend the time for commencement and / or performance with or without Liquidated Damages.

#### **4.5.0. LIQUIDATED DAMAGES:**

4.5.1 In the event of failure of the implementation of the project by the contractor as per clause 4.4.2 and 4.4.3, the department reserves the option to recover liquidated damages, and not by way of penalty, for late implementation from the contractor in the following manner:-

- |                                                                             |                                  |
|-----------------------------------------------------------------------------|----------------------------------|
| (i) For delay upto 25% of the implementation period                         | Rs.1000/- per day per location   |
| (ii) For delay of more than 25% and upto 50% of the implementation period   | Rs.2000/- per day per location   |
| (iii) For delay of more than 50% and upto 75% of the implementation period. | Rs.5000/- per day per location   |
| (iv) For the delay more than 75% of the implementation period               | Rs.10,000/- per day per location |

4.5.2 If department feels that contractor is not likely to make the project operational after allowing sufficient time, the department reserves the right to resort to find any other alternative to make locations operational. In this process cost and risk incurred by department shall be recoverable from the defaulting contractor without prejudice to other remedies under the contract.

4.5.3 During the course of operations, the contractor shall ensure a minimum uptime of 99.5% for all the equipment installed as part of this contract and ensure all deliverables as laid down in this bid. In the event of failure of equipment, the liquidated damages shall be as follows:

- (i) An up- time of 99.5% plus would be required to be maintained by the contractor for the entire system on weekly basis. The system would be required on all working days between 8:30 AM and 5:30 PM i.e. for nine hours. For example each system

and printer unit should remain available for 45 computing hours a week, having 5 working days, between 8:30 AM and 5:30 PM, along with the local area network. Any period or time that a system or printer unit or local area network goes down is the actual down time. Thus if the entire network of a location has 100 systems/printers, 100% computing time would be 4500 hours, and an availability of 4478 hours each week having 5 working days would constitute 99.5% up-time. In addition to the above, the down time would not exceed:

(a) At Aizawl and other Directorate Office, 5% of the total computing hours on any given day.

(b) At all other locations, 15% of the total computing hours on any given day.

(ii) A week period for the calculation of LD would be five working days. In case of lesser or higher number of working days in a particular week, uptime would be calculated according to working days in that particular week.

(iii) If the downtime exceeds the limit mentioned above in sub-clause (i) between 0.5% and up to 1.5% at respective locations, a deduction of an amount equivalent of 2.5% of the previous month's bill shall be made. For downtime between 1.5% and 2.5% at respective locations a deduction of an amount equivalent of 5% of the last month's bill shall be made. For downtime between 2.5% and 5% at respective locations a deduction of an amount equivalent of 10% of the last month's bill shall be made. For downtime in excess of 10%, the penal clauses shall be invoked.

4.5.4 During the course of operations, the contractor shall ensure a minimum uptime of 95% for all the equipment/Leased Lines installed for Wide Area Network as part of this contract and ensure all deliverables as laid down in this bid. In the event of failure of equipments/Wide Area Network, the liquidated damages shall be as follows:

(i) An up-time of 95% plus would be required to be maintained by the contractor for the entire Wide Area Network system on weekly basis. The system would be required on all working days between 8:30 AM and 5:30 PM that is for nine hours. Thus the Network should remain available for 45 computing hours a week, between 8:30 AM and 5:30 PM. Any period or time that the Network fails is the actual down time. Thus for each location connected over WAN, 100% computing time would be 4500 hours, and an availability of 4275 hours each week would constitute 95% up-time.

(ii) A week period for the calculation of LD would be five working days. In case of lesser or higher number of working days in a particular week, uptime would be calculated according to working days in that particular week.

(iii) If the downtime exceeds the limit mentioned above in sub-clause (i) between 0.5% and up to 1.5% at respective locations, a deduction of an amount equivalent of 2.5% of the previous month's bill shall be made. For downtime between 1.5% and 2.5% at respective locations a deduction of an amount equivalent of 5% of the last month's bill shall be made. For downtime between 2.5% and 5% at respective locations a deduction of an amount equivalent of 10% of the last month's bill shall be made. For downtime in excess of 10%, the penal clauses shall be invoked.



4.5.5 Registration /Licencing Authority shall maintain a daily log of actual running time of the Wide Area Network on the basis of which actual down time shall be calculated.

4.5.6 Smart card is to be prepared on the day on which official of the department hand-over the complete papers to the contractor. The turnaround time for final disposal of documents by contractor would be four hours every day. The documents received after 2.00 P.M. shall have to be disposed off at the beginning of the following working day. **In case of delay** in preparation of smart cards and other deliverables, 1% cost of smart cards per day shall be recovered as liquidated damages maximum up to 10%.

**4.6.0. MONITORING PROGRESS OF OPERATIONS:**

Department, from time to time, may review the progress of the project and may suggest appropriate changes/modifications, which are required to be incorporated in the system by the contractor for which no extra cost shall be demanded.

**4.7.0. IMPLEMENTATION OF THE PROJECT**

4.7.1 The contractor shall implement the project as per the Acts/rules, regulations, and procedures laid down by department and in accordance with the guidelines issued by the Government from time to time in this matter.

4.7.2 The contractor shall provide man power having minimum qualification and experience as specified below:

Sr. No.	Details	Project Manager	Asst. Project Manager	Data Entry Operator
1.	Educational Qualification	B.E. Electrical/ Computer/ Electronic or Equivalent	PGDCA	Graduate + Any computer related certificate course of min. duration of 6 month
2.	Essential Experience (a) Total Professional Experience (b) Experience in Smart Card	5 Years 1 Year	2 Years -	1 Year -

The contractor shall be required to depute a Project Manager who could supervise the operations of the project. The C.V. of the Project Manager has to be enclosed. The contractor shall be required to depute Project Support Manager in each DTO Office and also to depute adequate number of Data Entry Operators. The number of Data Entry Operators to be deputed is to be assessed by the contractor on the basis of requirement given in Annexure V of Schedule I so that service level conditions given in clause 4.3.1 could be performed.

4.7.3 The required systems shall be installed at all the locations of the department from where the above mentioned activities are to be carried out. In case any office of the

transport or police is shifted from any one or more location to another location / site, the contractor shall shift its infrastructure to new location at his own cost.

- 4.7.4 The department reserves the right at the time of award of Contract, and during the currency of contract to increase or decrease the number of locations without any change in price or other terms and conditions.
- 4.7.5 The contractor shall provide all the equipments/facilities required to operate the system. The number of computers to be installed at each location shall be of the minimum specifications as given at Annexure IV of Schedule I. The minimum number of computers to be installed at each location shall be as per Annexure V of schedule I, however it is clarified that the number of required computers is indicative only.
- 4.7.6 The contractor shall ensure that all the equipments are in good working condition during the currency of the project, as well as at the time of transfer of project to department.
- 4.7.7 All the software required at various offices of the department shall be provided and installed by the contractor including that of the central servers. All software should be in the name of Director of Transport, Mizoram and should be valid and licenced copies. The minimum specifications of the various equipments shall be as per Annexure IV of schedule I. The required number of equipments /computer systems is at Annexure V of Schedule I.
- 4.7.8 The application software for Smart Card and other applications should have provision to exchange data in text format with other data base.
- 4.7.9 Contractor shall use and operate the application software provided by National Informatics Centre (NIC). The contractor shall acquire legal licenses for all system software required for operating NIC software. The contractor shall commence actual operations only after obtaining necessary clearance / certification from NIC. The Department shall provide necessary training with the help of NIC to some of the persons of the contractor regarding application software provided by NIC. After making structured system study using latest tools for application/activities not covered in software of NIC, the contractor shall submit the study report to the Transport Department. On being approved by the department, the contractor would prepare software for remaining applications. The software would be authenticated by Transport Department before the actual implementation which shall not be altered /modified without prior permission of department.
- 4.7.10 **HARDWARE:** The contractor shall install at each DTE Office/STA/DTO and office of the Police Department listed at Annexure-II of bid document (Schedule -I) with minimum required number of Servers/Nodes as specified in Annexure-V of Schedule-I with necessary required peripherals . Minimum specifications of computer hardware are at Annexure-IV of Schedule-I of bid document.
- 4.7.11 **MAIN SERVER** and a stand by server shall be installed at IT Cell, Directorate of Transport, Aizawl and these servers shall be required to act as the central repository of data for the entire State and also as the source of data and information to the

various locations including STA/DTO/Tax Collection Centres and the field officers of Transport Department and Police Department. Minimum specifications of computer hardware are at **Annexure-IV of Schedule-I** of bid document. He shall also develop the necessary software for uploading data to Central repository and accessing required data from Central Repository at various places including field officers, using TCP/IP based protocols.

- 4.7.12 The contractor shall install only reputed standard worldwide acknowledged brand computer hardware having Windows /Linux certification. All equipments to be installed shall be new, shall be up- to -date and incorporating the latest commercially available technologies. The contractor shall be responsible for procurement, transportation, unloading, and safe keeping of all equipments required for performance of the services.
- 4.7.13 The contractor shall build/establish and maintain a wide area network (WAN) connecting all Transport offices including Police with Dte of Transport when Mizoram State Wide Area Network (MSWAN) is made available to the department in accordance with a STAR Network Configuration. The cost of connectivity and all network equipments, if any, shall be borne by the bidder.
- 4.7.14 The contractor shall maintain a Local Area Network (LAN) connecting all nodes/servers installed at a particular location. The Contractor shall make the nodes connected over LAN capable to communicate over WAN for data communications. The said network should be able to integrate with upcoming MSWAN of the State Government.
- 4.7.15 The contractor shall ensure that the technology proposed should provide for continued operations at the respective locations in the event of failure of the network, LAN Server, Head Office Server etc. In case of non-compliance the department shall be free to make necessary arrangement at the risk and cost of the contractor and this network should be able to integrate with upcoming MSWAN of the State Government.
- 4.7.16 Contractor shall provide the location wise manpower deployment plan to department prior to the commencement of actual function. It is expected that at least one technical person at each district head quarter shall be deployed by the contractor so that operational problems could be sorted out at district level. The contractor shall also provide adequate number of data entry operators at each district head quarter. The number of data entry operators is to be assessed by the contractor on the basis of service level requirement of the bid document. Whenever any change is proposed to be made in this deployment plan, permission would be sought from department. The minimum qualification and required man power shall be as per clause 4.7.2
- 4.7.17 The Intellectual Property Rights of the System Study and Application Software developed by the contractor would remain with Transport Department and contractor shall hand over the Source Codes and other relevant documents to the department.
- 4.7.18 Department shall be indemnified on the use of Software / Hardware /Equipment from any legal issues.

4.7.19 In the interest of the proper functioning of the project and in Public Interest, department may issue instructions from time to time, which are to be complied with, by the contractor.

4.7.20 The contractor shall draw up and implement a **Disaster Recovery Plan** for the Project as a part of his Work Plan.

#### **4.8.0. OPERATIONS**

4.8.1. All smart cards and their hard copies are to be issued as per clause 4.3.0. The Contractor shall print at Aizawl only and issue smart cards Driving Licenses and Vehicles Registration Certificates in the prescribed format by using the data obtained by the Contractor.

The Contractor will, send the Driving License and Vehicles Registration Certificates to the address provided by the applicant only by Registered Post with Acknowledgement Due and not by any other means. The cost of Registered AD will be borne by the Contractor. The AD card / return address for Unclaimed/ undelivered/ returned items shall be that of the Concerned DTO of the Transport Department.

All computer operations shall have to be manned and carried out by the personnel/manpower of contractor under the supervision of the transport department officials for the issue of cards and the other related computer operations at various locations of the department.

The contractor shall make his own arrangements for engagements of all personnel including their payment, boarding, lodging, transport etc. All persons engaged by the contractor shall remain as employees of the contractor and under no circumstances will the department or its representatives are liable for such personnel. The contractor shall be solely responsible and liable for such personnel. No rights of any kind of appointment shall be attributed to the department for the act / appointment of any personnel provided for carrying out the services by the contractor.

4.8.2 Contractor shall ensure two months stock of raw materials and consumables required for the operation of the project.

4.8.3 The contractor shall issue Smart cards and update them regularly in the following manner:-

(i) New Smart card shall be issued to driving licence holders and owners of the vehicles in the following cases:-

- (a) Issue of the driving licence.
- (b) Addition of another class of motor vehicle to the existing driving licence.
- (c) Renewal of driving licence.
- (d) Issue of duplicate driving licence.
- (e) Issue renewal of certificate of registration and assignment of new registration mark.
- (f) Issue of duplicate certificate of registration.

- (g) Transfer of ownership of a vehicle.
- (h) Change of address of owner of a registered vehicle.
- (i) Recording alteration in the certificate of registration
- (j) Endorsing hire-purchase/lease/hypothecation agreement
- (k) Cancellation of hire-purchase / lease / hypothecation agreement
- (l) Issue of fresh certificate of registration.

In above cases, hard copies of complete document entered in the card shall also be provided to the cardholders free of cost. These hard copies shall be certified and signed by the competent officer authorized to issue Smart Cards.

- (ii) A smart card shall be required to be updated regularly for all other applications required under Acts and rules, and as per guide- lines/directions issued by department from time to time. Contractor will facilitate and provide appropriate infrastructure to carryout this updation only after getting proper authorisation from concerned official of the department. After every updation an updated hard copy shall be given to smart card holder free of cost. No payment shall be made to the contractor for this updation. In case of noncompliance of this provision department shall be free to make necessary arrangement at the risk & cost of the contractor.
- (iii) In case the hard copy of the document issued to the card holder is lost then such card holder may be issued with a duplicate certified hard copy on payment of Rs. 20/- per document. These fees shall be collected by the department and the payment shall be made to the contractor in the manner prescribed in clause 4.11.0 of the bid document.

- 4.8.4 The end- user shall pay all applicable fees/taxes, as per the Act and rules made there under to the department.
- 4.8.5 Under the contract, the contractor shall provide 70 Handheld Terminals for use by the department. The contractor should replace Handheld Terminals immediately in case of malfunctioning of the instruments during the entire project period. The department may buy additional quantities of Handheld Terminals for which the contractor should quote a price, which shall be valid for the currency of the contract.
- 4.8.6 The contractor shall provide necessary training to all the staff of the Transport Department and traffic police at its own cost at each office, to operate the entire project for issuing Smart Card registration certificate/driving licence from start to finish including data entry, card personalization, printing, data storage, updating of data etc. as per the requirement of the project.
- 4.8.7 All data acquired by the contractor shall be the property of the Government and should not be tampered with or used/misused or shall dispose or transfer to any other person. Any tampering or misuse will attract civil and criminal liability.
- 4.8.8 All data shall be handed over to the authorized person of department on a monthly basis or/and as and when desired by department on a prescribed storage media. In the event of non-compliance department shall be free to make necessary arrangement for taking over desired data at the risk & cost of contractor.

- 4.8.9 Contractor shall generate and provide reports as desired by department from time to time free of cost. The various types of reports to be provided at the end of each month are as follows:-
- (i) List of tax defaulters along with demand notice.
  - (ii) Category wise details of vehicles registered and tax paid by such vehicles.
  - (iii) Category wise details of learning/permanent licenses issued.
  - (iv) Category wise details of temporary/non temporary permits issued to various class of vehicles.
  - (v) Category wise details of fitness certificates granted to transport vehicles.
  - (vi) Category wise details of challans made by field officers and the details of composition money/tax collected by them.
- (vii) Any other report as desired by the State Government /Transport Department. The above information is to be generated periodically. The Department may ask the contractor to provide reports in addition to the above reports depending on the requirement of the department.

4.8.10 The contractor shall undertake all modifications/up-gradations to ensure that all deliverables are in conformity with the rules and Acts as amended from time to time.

4.8.11 Cost of all consumables required for the project shall be borne by the contractor.

4.8.12 The bidder shall upload all data from each location to the servers located at IT Cell/Head office minimum twice a day. The bidder shall also keep a log of data upload on a daily basis.

#### **4.9.0. MAINTENANCE OF ALL MACHINERY EQUIPMENTS**

- 4.9.1. Contractor shall be responsible for maintenance of all computers, software, hardware, accessories, peripherals, furniture, electric equipments, machines, other equipments, and other infrastructure etc. deployed for the project during the entire contract period.
- 4.9.2 The Contractor shall implement adequate Fire Management systems as per norm applicable from time to time, to the satisfaction of the Transport Department and ensure that the site made available to the Contractor meets the requirements of the Fire Services Department, Government of Mizoram

#### **4.10.0 TRANSFER**

4.10.1 After the completion of the project period all the computers, software, hardware, accessories, peripherals, furniture, electric equipments, machines, other equipments, and other infrastructure etc. shall be transferred to the department free of cost.

4.10.2. "All computers, software, hardware, accessories, peripherals, furniture, electric equipments, machines, other equipments, and other infrastructure etc. installed in the project shall be transferred free of cost to department at the expiry of the contract. The contractor would ensure that all the equipments are in good working condition and are of same make and specifications as were at the time of installation and used or upgraded during the project period. The department would get inspection report

at the end of the project period of the above items (on randomly selected by department) by STQC /ETDC on the cost of contractor."

4.10.3 The entire software solution developed by the contractor including the source-code on media and hard-copy, technical and user documentation, and all proprietary modules shall also be transferred to department for the purposes of continuous use in the state after expiry of the contract.

4.10.4 All the deposits made by the contractor by way of security deposit shall be refunded/returned only after the transfer of computers, software, hardware, accessories, peripherals, furniture, electric equipments, machines, other equipments, and other infrastructure etc. installed by the contractor at all the sites, is completed to the satisfaction of department.

#### **4.11.0. TERMS OF PAYMENT**

4.11.1 Amount received on account of prescribed fee for driving licence/ registration certificate etc. along with cost of smart card shall be deposited by the department in consolidated fund of the state.

4.11.2 Payment of cost of smart card issued during the month shall be made by the Transport Department by 15th of the following month, after deduction of liquidated damage if any as per the terms of the contract.

4.11.3 Any Service charges / Bank charges payable on account of payment as per arrangement mentioned in sub-clause 4.11.2 to the contractor shall be borne by the contractor.

4.11.4 Service tax, Income tax or levy of any other tax or cess as applicable at the time of payment of bill of the contract shall also be deducted for the net amount payable to the contractor.

#### **4.12.0 INTERPRETATIONS**

The following interpretations are adopted in this bid document:

- (a) The singular includes the plural and vice versa.
- (b) Reference to natural persons includes bodies, corporate etc.
- (c) Reference to any agreement, enactment, ordinance or regulation includes any amendment thereof or any replacement in whole or in part,
- (d) References to clauses and Schedules are, unless the context otherwise requires, reference to clause of, and Schedules to, this bid
- (e) The words proposal and bid shall have the same meaning.
- (f) The word bidder, tenderer, contractor, applicant, sponsor, developer, shall have the same meaning.
- (g) The words end-user shall denote the applicant for the smart card based driving license, vehicle registration certificate, other paper based documents etc.

#### **4.13.0. OTHER TERMS AND CONDITIONS**

4.13.1 Motor Vehicles Act and rules made there under meant to include The Motor Vehicles Act, 1988, the Central Motor Vehicles Rules, 1989, Mizoram Motor

Vehicles Rules, 1995, Mizoram Motor Vehicles (Taxation) Act, 1997, Mizoram Motor Vehicles (Taxation) Rules, 1997 and as amended from time to time.

- 4.13.2 The bidder should be a reputed company, undertaking smart card / IT based projects. The bidder should have proven expertise in this sector. The bidder must have requisite manpower, infrastructure and financial resources to successfully execute the project at the offices of the Transport Department, located in Mizoram. The bidder is required to submit documentary evidence in support of Smart Card / IT based projects executed by him.
- 4.13.3 The individual signing the bid and other documents on behalf of the bidder should submit proof in support of his/her authority.
- 4.13.4 The bidder should submit memorandum of association and article of association of the company / joint venture/consortium along with the latest details of Board of Directors of the company / joint venture/consortium.
- 4.13.5 The offer should also include the requirements of the Local Area Networks, Wide Area Networks at the respective locations and also the central server, accessories and peripherals as part of the BOOT offer.
- 4.13.6 The contractor shall not sublet the contract. Work for the preparation of site and data entry of past record can be sub-contracted.
- 4.13.7 The contractor shall adhere to all laws of land, statutory regulations and instructions issued by statutory authorities from time to time.
- 4.13.8 The contractor shall ensure approved quality programmes and safety of personnel.
- 4.13.9 The contractor shall also provide all data, documents and information to department from time to time as prescribed by the department.
- 4.13.10 The contractor shall not undertake any other business in the premises of department during currency of contract.
- 4.13.11 The department reserves the right to ask for the missing/incomplete information.

**4.14.0. NO CLAIM ARRANGEMENTS:**

The contractor shall not be entitled to make any claim, whatsoever, against the department, under by virtue of or arising out of, this contract, nor shall the department entertain or consider any such claim, if made by the contractor and contractor shall have to sign a "no claim" certificate in favour of the department in such forms as shall be required by the department after the expiry of the contract.

**4.15.0. QUALITY STANDARDS**

- 4.15.1 **Standards:** The services provided under this contract shall conform to the standards mentioned in the Technical Specifications, and when no standards are mentioned, then the international standards shall be applicable.



4.15.2 **Standard of Performance:** The contractor shall carry out the services and carry out its obligations under the contract with due diligence, efficiency and economy in accordance with generally accepted norms, techniques and practices used in the industry. He shall also employ appropriate advanced technology and safe and effective equipment, machinery, material and methods.

#### **4.16.0. NEGATION OF CORRUPT PRACTICES**

Department is a public service department and requires serving honestly, diligently and timely. The contractor would be the assisting agency of the department; therefore, he is also required to maintain highest standards of honesty and ethics. The contractor is advised to refrain from the corrupt and fraudulent practices during the execution of the contract. Corrupt and fraudulent practices are defined as follows:-

(a) **“Corrupt Practice”** means behavior of contractor including his personnel by which they improperly and unlawfully enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value.

(b) **“Fraudulent Practice”** means a misrepresentation of facts in order to influence, and collusive practices of the contractor

#### **4.17.0. DETAILS TO BE KEPT CONFIDENTIAL**

4.17.1 Confidentiality of the process and system including the security features of the smart card are very important, which has to be maintained, and any divulgence will lead to serious penal and legal action, including termination of contract. The contractor shall treat the details of the contract as private and confidential, save in so far as may be necessary for the purposes thereof, and shall not publish or disclose the same or any particulars thereof in any trade or technical paper or elsewhere without the prior consent in writing of the Director of Transport. If any dispute arises as to the necessity of any publication or disclosure for the purpose of the Contract the same shall be referred to the Director of Transport whose decision shall be final.

4.17.2 The contractor or his representative should neither disclose the data nor sell the data or use it for commercial exploitation or research work without the written permission of the Director of Transport.

#### **4.18.0. TRANSFER OF RIGHTS**

The contractor shall not transfer the contract or part of the contract to any body.

#### **4.19.0. LANGUAGE OF LAW**

The Language of the contract is English and the Law governing the contract is that in force in India.

#### **4.20.0. DECISIONS AND INTERPRETATION**

4.20.1 Except where otherwise specifically stated, the Director of Transport will decide the Contractual matter between the department and the contractor and the decision of the Director of Transport shall be final and binding on the contractor.

4.20.2 In case of dispute over the interpretation of any clause of contract, decision of Director of Transport shall be final and binding.

**4.21.0. COMMUNICATION**

Communication with the department, which is referred in the conditions, is effective only when in writing. A notice shall be effective only when it is served via postal services / or facsimile followed by a postal service / speed post.

**4.22.0. PASSING OF PROPERTY**

4.22.1 The Ownership of the site (if allotted by the Department to the contractor) shall under any circumstances not pass on to the contractor.

4.22.2 The contractor shall hand-over the entire site allotted by the department alongwith all the hardware, software, other equipments, infrastructure installed within seven days of the expiry of the contract period, failing which amount of security deposit shall not be refunded and action may be taken as per law considering unauthorised occupancy. DEPARTMENT shall take custody of these without giving any further notice.

**4.23.0. SUSPENSION**

4.23.1 The Department may, by a written notice to the contractor, suspend the Contract if the contractor fails to perform any of its obligations under this contract, including the carrying out of the services. Provided that such notice of suspension:

- i) Shall specify the nature of the failure and
- ii) Shall direct the contractor to rectify such failure within a specified period from the date of receipt of such notice of suspension.

4.23.2 The department reserves the right to use all machinery and equipments etc. installed under the contract in the premises of department or elsewhere during the suspension period by using other manpower etc. No payment shall be made to the contractor for such suspended period and no damages shall be claimed on account of this suspension.

**4.24.0. TERMINATION OF THE CONTRACT**

4.24.1 The department shall have a right to terminate the contract if:-

- (a) The contractor commits breach of any condition of the bid document,
- (b) It is found that the time schedule of implementation of the scheme is not being adhered to,
- (c) The Contractor stops work & such stoppage has not been authorized by the Director of Transport,
- (d) The contractor may become bankrupt or goes into liquidation,
- (e) the department gives notice to correct a particular defect/irregularity and the contractor fails to correct such defects/irregularity within a reasonable period of time determined by the department,
- (f) In case, it is found that the contractor has failed to make the supplies as per the requirement of the department and as per the approved format and rates,
- (g) In case, it is found that the contractor is involved in distribution of

- duplicate/forged smart card and/or leaking the security features and / or involved in corrupt and / or fraudulent practices,
- (h) in case the contractor fails to carry out the instructions/orders issued by the department from time to time during the currency of the contract and fails to comply with the laws applicable in the State ,
- (i) the contractor fails to deliver any or all of the obligations within the time period specified in the contract, or any extension thereof granted by department,
- (j) if it is found that the contractor has obtained the contract by misrepresentation or by suppression of material facts,
- (k) if at any time after the execution of the agreement it is found that the contractor was disqualified for the award of the contract or has acquired any of the disqualifications as mentioned in clause 3.8.0 of the bid document,
- (l) the contractor fails to perform any other obligations under the contract.

4.24.2 Because of breach of contract by the contractor for any of the above reasons, the department shall have the right to terminate the contract and forfeit the security deposit and invoke the performance bank guarantee and shall have the right to supersede and take over the entire infrastructure and operation on “as is where is basis” at the risk and cost of the contractor.

**4.25.0. CESSATION OF RIGHTS AND OBLIGATIONS**

Upon termination of the Contract, or upon expiry of this contract, all rights and obligations of such parties hereunder shall cease, except:

- i) Such rights and obligations as may have accrued on the date of termination or expiry.
- ii) The obligation of confidentiality set forth.
- iii) Any right which a party may have under the applicable law.

**4.26.0. CESSATION OF SERVICES UPON TERMINATION**

4.26.1 Upon termination of the Contract, the contractor shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the services to a close in a prompt and orderly manner.

4.26.2 Upon completion of the contract, contractor is required to transfer hardware, software, other equipment and infrastructure in good working condition. In case of failure in handing over the infrastructure, services, performance of the contract shall not be considered satisfactory.

**4.27.0. REFUND OF SECURITY DEPOSIT**

Security deposit of the contractor shall be refunded after satisfactory completion of the contract. The contractor shall arrange No Objection Certificate from the authorities of all the locations, and shall also submit No Claim Certificates against department. The department shall refund security deposit after receipt of above referred certificates.

**4.28.0. FORCE MAJEURE**

Notwithstanding the provision of Clause 3.31.0, 4.5.0 and 4.24.0, the contractor shall not be liable for forfeiture of its security deposit, liquidated damages or termination

for default, if and to the extent that, its delay in performance or other failure to perform its obligation under the contract is the result of an event of Force Majeure. For purpose of this Clause, "Force Majeure" means an event beyond the control of the contractor and not involving any fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the department either in its sovereign or contractual capacity, wars or revolution, fires, floods, epidemics, quarantine restrictions and freight embargoes, But does not include failure of electricity, printing system or non-availability of raw material as a cause beyond control.

If a Force Majeure situation arises, the contractor shall promptly notify the department in writing within 24 hours of such conditions and the cause thereof. Unless otherwise directed by the department in writing, the contractor shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. The Department may terminate this contract, by giving a written notice of minimum 30 days to the contractor, if as a result of Force Majeure the contractor is unable to perform a material portion of the services for a period of more than 60 days.

#### **4.29.0. ARBITRATION**

- 4.29.1 The Department and the contractor shall make every effort to resolve amicably by direct negotiations, any disagreement or dispute, arising between them under Contract.
- 4.29.2 If after 30 days from the commencement of such direct negotiations, the dispute is not resolved it shall be settled by arbitration under the Arbitration and Conciliation Act, 1996. The Arbitrator shall be sole Arbitrator appointed by the Transport Secretary.
- 4.29.3 The Arbitration and Conciliation Act 1996, the rules thereunder and any statutory modification or re-enactments thereof, shall apply to the arbitration proceedings.
- 4.29.4 The venue of the arbitration shall be Aizawl.
- 4.29.5 Pending the submission of and / or decision on a dispute, difference or claim or until the arbitral award is published; the contractor shall continue to perform all its obligations under this agreement without prejudice of final adjustment in accordance with such award.
- 4.29.6 The Department may terminate this contract, by giving a written notice of termination of minimum 30 days, to the contractor, if the contractor fails to comply with any decision reached consequent upon arbitration proceedings pursuant to Clause 4.29.0.

#### **4.30.0. LEGAL JURISDICTION**

Any legal dispute arising out of the contract shall be settled at the Court of Law located at Aizawl City.

**SCHEDULE-I  
SECTION-V**

**BACKGROUND NOTE ON  
TRANSPORT DEPARTMENT, MIZORAM**

**5.1.0. INTRODUCTION**

- 5.1.1 The Transport Department, Government of Mizoram is responsible for regulation of the road transport in the state and collection of the revenue arising out of taxes on non-transport vehicles as well as the transport vehicles such as goods and passenger vehicles.
- 5.1.2 Thus, the Transport Department functions both as a regulatory department, and a revenue collection department,
- 5.1.3 In its operations as the regulatory authority its main functions are to regulate road transport in the State by registering vehicles, testing for their fitness, issuing driving licenses, issuing permits, opening "routes" on which permits can be granted, etc.
- 5.1.4 The regulatory activities of the Department are primarily governed by The Motor Vehicles Act, 1988, The Central Motor Vehicles Rules, 1989 and Mizoram Motor Vehicles Rules, 1995.

**5.2.0 SOURCES OF REVENUE**

The sources of revenue for the department include:

- a. Collection of fee for carrying out many of these regulatory activities,
- b. Collection of taxes both from transport and non-transport vehicles, which form bulk of its revenue collection. In this head also the bulk of tax revenues accrues from transport vehicles i.e., goods vehicles and passenger vehicles.
- c. Collections arising out of the power to "compound" offences under Motor Vehicle Act and Rules made thereunder.

**5.3.0. NATURE OF TAXES**

- 5.3.1 Non transport vehicles, such as cars, scooters, and motor -cycles are required primarily to pay a motor vehicles tax;
- 5.3.2 Transport vehicles pay the motor vehicles tax; but, because of the commercial nature of their activities, they also pay, in addition, a Passenger & Goods Tax (PGT).
- 5.3.3 PGT is an annual tax. Transport vehicles also pay the motor vehicles tax in monthly, quarterly and half yearly modes.
- 5.3.4 Ensuring these vehicles pay tax regularly is of paramount important issue for the Department.

#### **5.4.0. ORGANISATIONAL STRUCTURE**

- 5.4.1 The Transport Department is headed by the Director of Transport. He is currently assisted by four Joint Director, two Deputy Directors, two Assistant Director of Transports and one Assistant Project Manager as core team leader at the headquarters.
- 5.4.2 For operational convenience, Mizoram State currently has been divided into eight districts, each headed by the District Transport Officer (DTO). There are 4 check gates located at the borders of adjoining States. Under the project certain offices of Police Department are also to be provided with hardware and connectivity. The details of the offices are at Annexure II of schedule I of the bid document.
- 5.4.3 State Transport Authority done the work of grant of Stage Carriage/Tourist Permits to Passenger Vehicles and grant of National Permits to goods vehicles. It is also responsible for granting Plying Permits. The DTO is the registering authority of vehicles as well as licensing officer for driving license, grant of learning licenses, grant of fitness certificates and collection of fees/composition money etc. So far as Check gates are concerned they are entrusted with the work of collection of Entry Tax, fees and composition money from the vehicle owners passing through their areas.
- 5.4.4 The Transport Department has personnel strength of about 760 persons. About 60 persons belong to the cadre of Motor Vehicles Inspectors/Enforcement Inspectors, and the remaining employees are from accounts, Technical, ministerial (clerical) cadre, drivers conductors and Class-IV employees.
- 5.4.5 If the number of districts increases during the currency of project implementation, the requirement of computer hardware shall increase accordingly.

#### **5.5.0. SCALE OF OPERATIONS**

- 5.5.1 As on 31.3.2009, the number of registered vehicles in the State was 69,622. The total annual new registration of all class of vehicles is 7,347.
- 5.5.2 Various Transport Authorities of other States collect and send drafts to the Secretary, STA Mizoram at Aizawl. Presently on receipt, these drafts are processed and deposited in Government Treasury.
- 5.5.3 The Transport Department has an Enforcement staff empowered to check vehicles on the roads, compound offences, and even collect tax. Beside this the Police Department specially the traffic wing of Police also conduct checking of motor vehicles under the provisions of Motor Vehicles Act, 1988.
- 5.5.4 There would be a need to integrate this system into the overall computerization program. However, there is still no system of matching drafts with the various vehicles that enter Mizoram. In the long run, some thought would have to be given to establishing this linkage with other States.

## **5.6.0. FUNCTIONS OF THE TRANSPORT DEPARTMENT**

### **5.6.1 LICENCING AUTHORITY**

- Issue of learner driving licence
- Issue of driving licence
- Issue of duplicate diving licence
- Renewal of driving licence
- Additions of class of vehicles to the driving licence
- Issue of driving licence due to change
- Suspension of driving licence
- Revocation of driving licence
- Cancellation of driving licence
- Endorsements
- Maintenance of state registers of driving licence
- Grant of conductor's licence
- Suspension of Conductor's licence
- Revocation of Conductor's licence
- Cancellation of Conductor's licence
- Issue of licence for establishment of driving schools
- Issue of International Driving Permit
- Suspension /cancellation of licence for driving schools

### **5.6.2 REGISTRATION OF MOTOR VEHICLE**

- Temporary registration
- Renewal of temporary permits
- Registration– new
- Registration - duplicate
- Registration – renewal
- Cancellation of registration
- Assignment of new registration mark
- No Objection Certificates
- Transfer of ownership
- Hire- purchase agreement
- Alteration in motor vehicle
- Certificate of fitness
- State register of motor vehicles
- Trade certificate to motor dealers
- Suspension/revocation of registration
- Issue of equipment to dealers for registration

### **5.6.3. CONTROL OF TRANSPORT VEHICLES**

- Issue of temporary permits
- Issue of special permit u/s 88(8)
- **Contract carriage permits**
- Tourist permits u/s 88(9)
- All Mizoram Permits

- **Stage carriage permit**
  - Town/City Limit
  - Rural
  - Inter-state
- **Goods carriage permit**
  - National
  - All Mizoram
  - Counter-signature
- **Private Service vehicles**
- **Educational institution permits**
- **Various activities/application regarding permits**
  - Duplicate permits
  - Renewal of permits
  - Transfer of permits
  - Replacement of vehicle in permit
  - Surrender of permit
  - Suspension of permits
  - Cancellation of permits
  - Revocation of permits

#### **5.6.4 REVENUE COLLECTION FUNCTION**

- Collection of fee against the regulatory services provided such as licence, registration, fitness certificate etc.
- Collection of taxes against vehicle registration
- Collection of fee & taxes against issue of permits, fitness certificates for transport vehicles
- Collection of compounding money against offences
- Collection of fee & taxes against issue of inter-state/national permits issued in other states and sent to Mizoram
- Collection of fee & taxes against issue of inter-state/national permits for movement in other states and dispatch of the same to the respective states



## **ANNEXURE-I of SCHEDULE-I**

### **MINIMUM GUARANTEED SPECIFICATIONS** (Rule 2(s) of The Central Motor Vehicles Rules, 1989)

- I. Smart Card specifications for Driving Licence, Registration Certificate, District Transport Office cards, endorsing authority cards, reviewing authority cards, and key generation authorities cards, etc.
- (a) Microprocessor based Integrated Circuit Card with contacts and with a minimum of 16 Kbytes available Electrically Erasable Programmable Read Only Memory (EEPROM)
  - (b) Compliant to ISO/IEC 7816-1, 2 and 3.
  - (c) Compliant to SCOSTA v1.2b, dated March 15, 2002.
  - (d) Supply voltage 3V nominal.
  - (e) T=0 or T=1 transport protocol.
  - (f) Min 10 years data retention.
  - (g) Min 300,000 EEPROM write cycle s.
  - (h) Operating ambient temperature range –25C to +55 C.
  - (i) Glossy surface, Poly Vinyl Chloride (PVC) Acrylonirile Butadiene Styrene (ABS) plastic construction with overlay to allow color dye sublimation printing.
  - (j) Smart Cards must have data objects for card sequence no (Tag 5F34) and cards primary account No. (Tag 5A) at the Master File level as per International Standards Organisation 7816-6. Once programmed these data objects cannot be changed.
- II. Specifications of Handheld Terminals-
- (a) Display: 4 lines x 16 characters back lit Liquid Crystal Display (LCD) Contrast level should such that it can be read in broad day light.
  - (b) Key Pad: Numeric, Function and scroll keys. Support for entering non - numeric characters using this key pad should also be available.
  - (c) Power On/Off: Switch or automated sleep mode enabled.
  - (d) Smart Card Readers: Two built in International Standards Organisation 7816 compliant smart card readers with 3V interface and with both T=0 and T=1 transport protocol.
  - (e) Battery pack: (Rechargeable and removable) with 8 hours of on time and 7 days stand-by time. Preferably support should be there to operate device with the help of standard 1.5 Volts Dry Cells of Standard size.
  - (f) Memory: Memory requirements will depend on the application and the number of applications supported by the Terminal.
  - (g) Printer: Printer is Optional and Printer Port is desirable.
  - (h) Application: National Standard of Driving Licence and Registration Certificate as specified in this Annexure.
  - (i) Communication: Standard Communication interfaces for loading and unloading of software (upgrades).

III. Specifications of Dye Sublimation Printer.

Print Process: Dye Sublimation.

Resolution: 300 dpi.

Print Speed approximately 30 seconds per side;

Colors- up to 16.7 million colors by using YMCK+O/YMCKO/KO ribbon; Capable of edge to edge printing. Having card input hopper and in- build card cleaning system. Capable of printing and smart card electronic personalization in single pass. Smart Card encoder within the printer shall be Factory Standards for PC to Smart Card Reader interface, International Standards Organisation 7816 compliant, support, 3V chip card with T=0 and T=1 protocol.

IV. **Specification of Smart Card Reader.**

Factory Standard for PC to Smart Card Reader interface, ISO 7816 compliant, support 3V chip card with T=0 and T=1 protocol, USB interface, external. Readers must have Factory Standard for PC to Smart Card Reader interface drivers.

**Note-** The microprocessor chip of the Smart Card mentioned at Para I shall necessarily conform to the specifications given in this Annexure for Smart Card based Driving Licence and Vehicle Registration documents for Transport and Non-Transport vehicles and shall contain the information prescribed by these rules. This microprocessor chip shall not carry any other information not prescribed for the purpose. The operating environment in the form of Operating System, Protocol and other details given above relating to the microprocessor chip, as given in Items (a) to (j) of paragraph I shall be complied with, without any variation, whatsoever.

**ANNEXURE-II of SCHEDULE-I****LIST OF OFFICES OF TRANSPORT DEPARTMENT**

<b>Sl. No.</b>	<b>Name Of Office</b>	<b>Attached to</b>	<b>Category</b>	<b>Location</b>
<b>1.</b>	<b>Director</b>	<b>-</b>	<b>D</b>	<b>Aizawl</b>
<b>2.</b>	<b>State Transport Authority (STA)</b>	<b>Director</b>	<b>B</b>	<b>Aizawl</b>
<b>3.</b>	<b>I.T. Cell</b>	<b>Director</b>	<b>A</b>	<b>Aizawl</b>
<b>4.</b>	<b>DTO Aizawl</b>	<b>-</b>	<b>A</b>	<b>Aizawl</b>
<b>5.</b>	<b>DTO Lunglei</b>	<b>-</b>	<b>A</b>	<b>Lunglei</b>
<b>6.</b>	<b>DTO Saiha</b>	<b>-</b>	<b>C</b>	<b>Saiha</b>
<b>7.</b>	<b>DTO Champhai</b>	<b>-</b>	<b>B</b>	<b>Champhai</b>
<b>8.</b>	<b>DTO Kolasib</b>	<b>-</b>	<b>B</b>	<b>Kolasib</b>
<b>9.</b>	<b>DTO Serchhip</b>	<b>-</b>	<b>C</b>	<b>Serchhip</b>
<b>10.</b>	<b>DTO Lawngtlai</b>	<b>-</b>	<b>C</b>	<b>Lawngtlai</b>
<b>11.</b>	<b>DTO Mamit</b>	<b>-</b>	<b>C</b>	<b>Mamit</b>
<b>12.</b>	<b>S.P. Traffic</b>	<b>-</b>	<b>D</b>	<b>Aizawl</b>

**ANNEXURE-III OF SCHEDULE-I**

**MODEL FROM OF BANK GUARANTEE BOND FOR EARNEST MONEY**

To,

The Director,  
Transport Department,  
Mizoram, Aizawl.

Whereas the Governor of the State of Mizoram through..... Director of Transport, Government of Mizoram, (here-in-after called "the Government") has called for tenders for execution of issuance of smart card based driving licence, vehicle registration on Build, Own, Operate and Transfer (BOOT) basis (name of work), estimated in cost Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) on \_\_\_\_\_ (Date) or any extended date and as per normal rules of the Government, Earnest Money is to be deposited before or along with the tender, and whereas, the Rules of the State Government permit deposit of Earnest Money in the form of Bank Guarantee.

1. M/s \_\_\_\_\_ (name of bidder/prime bidder) are desirous of depositing Earnest Money of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) in the form of Bank Guarantee as Earnest Money in order to participate in the tender for work above mentioned as per said Rules. We \_\_\_\_\_ (indicate name of the "Bank"), here-in-after referred to as the "Bank" at the request of M/s \_\_\_\_\_ do hereby undertake to pay to the Government an amount not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) on demand.
2. We..... (indicate the name of Bank), do hereby undertake to pay Rs. ....-/- (Rupees ..... only) the amounts due and payable under this guarantee without any demur or delay, merely on a demand from the Government. Any such demand made on the bank by the Government shall be conclusive and payable by the Bank under this guarantee. The Bank Guarantee shall be completely at the disposal of the Government and We..... (indicate the name of Bank), bound ourselves with all directions given by Government regarding this Bank Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....-/- (Rupees .....only).
3. We..... (indicate the name of Bank), undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any Court or Tribunal or Arbitrator etc. relating thereto, our liability under these presents being absolute, clear and unconditional.
4. We..... (indicate the name of Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations, hereunder to extend the date of

receipt of such tenders for the work as aforesaid or to vary any other terms and conditions of the Notice Inviting Tenders or the tender, extend the validity of tenders, or time for completion of the work. etc. We shall not be relieved from our liability by reason of any such variation or extension or for any forbearance, act or omission on the part of the Government or any indulgence by the Government, to the said M/s \_\_\_\_\_(bidder/prime bidder) or by any such matter or thing whatsoever which would but for this provisions, have the effect of so relieving us.

5. The liability of us..... (indicate the name of Bank), under this guarantee will not be discharged due to the change in the constitution of the Bank or the bidder/prime bidder
6. We..... (indicate the name of Bank), lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.
7. This Guarantee shall remain valid and in full effect, until it is decided to be discharged by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only).
8. It shall not be necessary for the State Government to proceed against the contractor before proceeding against the Bank and the guarantee herein contained shall be enforceable against the Bank notwithstanding any security which the State Government may have obtained or obtain from the contractor.
9. The Bank Guarantee shall be payable at Aizawl , If the last date of expiry of the Bank Guarantee happens to be a holiday of the Bank, the Bank Guarantee shall expire on the close of the next working day.

Dated ..... day of.....

For and on behalf of the Bank  
(indicate the Bank)

**Signature & Designation**

## ANNEXURE-IV of SCHEDULE-I

### DETAILS OF HARDWARE WITH MINIMUM CONFIGURATION TO BE INSTALLED AT TRANSPORT OFFICES, DTOs AND OFFICE OF THE POLICE

#### Technical Specifications

#### Item No. 1 - Server

#### Item No 1.1 - Server Computer Directorate Office

PARTICULARS	SPECIFICATIONS
<b>Processors</b>	Intel Quad Core Xeon Processor Min. 2.33 Ghz or higher with 12 MB integrated L2 Cache or higher/1333 MHz FSB or Higher
<b>Chipset</b>	Intel 5000 Chipset or higher
<b>Rack Mountable</b>	Tower form factor not More than 5U rack mount support via tower-to-rack kit option
<b>No. of processors</b>	Two Populated
<b>Memory</b>	4GB PC2 5300 667 MHz Registered ECC DDR2 SDRAM upgradable to 8GB DDR2-SDRAM
<b>Bays Available</b>	4 Hot Swap Bays
<b>HDD</b>	Min. 4 x 146GB 15K 3.5" Hot-Swappable SAS HDD (10K or higher)
<b>Controller</b>	Dual Channel Hardware RAID Controller
<b>Networking</b>	Min. 2x10/100/1000 Gigabit with Wakeup on LAN feature
<b>Bus Slots</b>	Min. Three PCI Slots
<b>Server/Systems Management</b>	As per the latest Technical Standards of the supplied server
<b>Optical Drive</b>	Internal DVD-ROM Drive
<b>Ports</b>	Min. Four USB 2.0 Ports, Keyboard, Mouse, Video, Serial
<b>Power supply</b>	Hot-swap / redundant / all: universal / auto switch / Automatic Server Restart (ASR)
<b>Operating System</b>	MS-Windows Server Ent. Edtn. / Enterprise Linux Server (Latest Version) with OEM support updates and patches for entire contract period.
<b>Software</b>	Installation and configuration utilities, System Administration Software
<b>Certification</b>	Microsoft Windows Server 2003 and RHEL should be certified to run on the Server.

<b>Keyboard and Mouse</b>	Min. 104 Keys OEM Keyboard, OEM Optical Scroll Mouse with Pad
<b>Monitor</b>	Min. 17" TFT Color Display Unit
<b>DAT Drive</b>	for Backup (Internal/External)
<b>RDBMS</b>	Oracle 10g/SQL Server/DB2 required only for Database Servers (latest version) with OEM Support, updates and patched for entire contract period

**Item No 1.2 - Server for DTO Offices**

<b>PARTICULARS</b>	<b>SPECIFICATIONS</b>
<b>Processors</b>	Intel Quad Core Xeon Processor Min. 2.33 Ghz or higher with 12 MB integrated L2 Cache or higher/1333 MHz FSB or Higher
<b>Chipset</b>	Intel 5000 Chipset or higher
<b>Rack Mountable</b>	Tower form factor not More than 5U rack mount support via tower-to-rack kit option
<b>No. of processors</b>	Two Populated
<b>Memory</b>	2GB PC2 5300 667 MHz Registered ECC DDR2 SDRAM upgradable to 4GB DDR2-SDRAM
<b>Bays Available</b>	4 Hot Swap Bays
<b>HDD</b>	Min. 3 x 146GB 15K 3.5" Hot-Swappable SAS HDD (10K or higher)
<b>Controller</b>	Dual Channel Hardware RAID Controller
<b>Networking</b>	Min. 2x10/100/1000 Gigabit with Wakeup on LAN feature
<b>Bus Slots</b>	Min. Three PCI Slots
<b>Server/Systems Management</b>	As per the latest Technical Standards of the supplied server
<b>RDBMS</b>	Oracle 10g required only for Database Servers (latest version) with OEM support, updates and patched for entire contract period
<b>Ports</b>	Min. Four USB 2.0 Ports, Keyboard, Mouse, Video, Serial
<b>Power supply</b>	Hot-swap / redundant / all: universal / auto switch / Automatic Server Restart (ASR)
<b>Operating System</b>	MS-Windows Server Ent. Edtn. / Enterprise Linux Server (Latest Version) with OEM support updates and patches for entire contract period.
<b>Software</b>	Installation and configuration utilities, System Administration Software

<b>Certification</b>	Microsoft Windows Server 2003 and RHEL should be certified to run on the Server.
<b>Keyboard and Mouse</b>	Min. 104 Keys OEM Keyboard, OEM Optical Scroll Mouse with Pad
<b>Monitor</b>	Min. 17" TFT Color Display Unit
<b>DAT Drive</b>	for Backup (Internal/External)

**Item No. 2 - Desktop Computer**

**MANDATORY CERTIFICATION(S):** a) ISO 9000 Series Manufacturer

b) Microsoft Windows Certified

<b>Sl.No</b>	<b>Description</b>	<b>Specification</b>
<b>1</b>	CPU/PROCESSOR	Intel Core 2 Extreme QX6700, 2.66 GHz, 1066 MHz, 8 MB L2 CACHE MEMORY
<b>2</b>	CHIP SET	Intel Chipset 975x Chipset
	RAM/MAIN MEMORY	4 GB Dual Channel DDR2-667/800MHz upgradeable to 8GB, 2 x 160 GB SATA HDD @ 7200, RPM & 3 GB/s, Min. 4 SATA Ports and 1 PATA Port, 1 X 1.44 MB FDD, Dual Layer DVD-RW 16x or higher
<b>3</b>	MONITOR / DISPLAY	17" TFT Color WXGA UNIT with Min. 1280x1024 resolution, integrated speakers or external OEM stereo speakers With GeForce 7600/Radeon or equivalent with Dedicated 256 MB video memory GRAPHICS CONTROLLER
	NETWORK INTERFACE CONTROLLER	1 x 10/100/1000 Mbps (Gigabit Ethernet)
	MOUSE	Scroll Optical Mouse
	AUDIO	Intel High Definition
	PORTS	Min. Two USB 2.0 Ports on FRONT, Audio & MIC, Min. Four USB 2.0 Ports on rear
	EXPANSION SLOTS	2 x Std. PCI Slots, 3 x PCI Express 16 xs
	OS & OTHER SOFTWARE LICENSE MEDIA	Genuine MS-Windows XP (Including (, latest Service Pack) with Updates, patches during entire contract period ** (Windows VISTA shall not be allowed).
	WARRANTY	3 years
	SECURITY FEATURE	Security Solution for recovery of data and OS against accidental deletion, formatting, virus attack and corruption of registry



### Item No. 3 - UPS System

#### 6KVA UPS - Single Phase I/O

Features/Components	specifications
Manufacturer Technology	ISO 9001 & ISO 14001 certified IGBT based PWM Technology Microprocessor controlled Digital Design Double Conversion True On -line UPS
Overall Efficiency(AC- AC)	>85%
Input Voltage & Range	230V 50Hz, Range 155V- 265V
Input Frequency Range	47 to 53 Hz
Input Phase	Single Phase with ground
Input Power Factor	0.9 or better
Output Voltage	220VAC-230VAC
Voltage Regulation	+/- 2% (or better)
Frequency	50 Hz +/- 0.1% (free Run Mode)
Output Waveform	Pure Sine wave
Battery Backup	Min 2 hour battery backup
Battery Type	Sealed Lead Maintenance Free VRLA type (Lead Calcium SMF batteries NOT acceptable)
DC Bus Voltage	DC Bus Voltage of UPS to be specified ( $\geq 144$ V)
Battery Capacity	15000 VAH
Battery Brands	Reputed & Reliable brands like Exide, Panasonic, Rocket, Hitachi, Ouanta, CSB, EMERSON etc.
Noise level	<55 dB @ 1 Meter
Alarms & Indications	All necessary alarms & indications essential for performance monitoring of UPS like mains fail, low battery & fault detection
Compatibility	UPS to be compatible with DG Set supply
Certifications	For Safety & EMC as per international standards i.e. EMC Standard - EN50091 - 2

#### Item No. 3.1

#### 2 KVA UPS - Single Phase I/O

Features/Components	specifications
Manufacturer Technology	ISO 9001 & ISO 14001 certified IGBT based PWM Technology Microprocessor controlled Digital Design Double Conversion True On -line UPS
Overall Efficiency(AC- AC)	>85%
Input Voltage & Range	230V 50Hz, Range 155V- 265V
Input Frequency Range	47 to 53 Hz
Input Phase	Single Phase with ground
Input Power Factor	0.9 or better
Output Voltage	220VAC-230VAC
Voltage Regulation	+/- 2% (or better)
Frequency	50 Hz +/- 0.1% (free Run Mode)
Harmonic Distortion	<3% (linear load) (THD)
Output Waveform	Pure Sine wave

Battery Backup	Min 2 hour battery backup
Battery Type	Sealed Lead Maintenance Free VRLA type (Lead Calcium SMF batteries NOT acceptable)
DC Bus Voltage	DC Bus Voltage of UPS to be specified ( $\geq 144$ V)
Battery Capacity	15000 VAH
Battery Brands	Reputed & Reliable brands like Exide, Panasonic, Rocket, Hitachi, Ouanta, CSB, EMERSON etc.
Noise level	<55 dB @ 1 Meter
Alarms & Indications	All necessary alarms & indications essential for performance monitoring of UPS like mains fail, low battery & fault detection
Compatibility	UPS to be compatible with DG Set supply
Certifications	For Safety & EMC as per international standards i.e. EMC Standard - EN50091 - 2

**Item No. 3.2**  
**1 KVA UPS**

Features/Components	specifications
Manufacturer Technology	ISO 9001 IGBT based PWM Technology Microprocessor controlled Digital Design Double Conversion True On -line UPS
Overall Efficiency(AC- AC)	>85%
Input Voltage & Range	230V 50Hz, Range 155V- 265V
Input Frequency Range	47 to 53 Hz
Input Phase	Single Phase with ground
Input Power Factor	0.9 or better
Output Voltage	220VAC-230VAC
Voltage Regulation	+/- 1% (or better)
Frequency	50 Hz +/- 0.1%
Harmonic Distortion	<3% (linear load) (THD)
Output Waveform	Pure Sine wave
Battery Backup	Min 2 hour battery backup
Battery Type	Sealed Lead Maintenance Free VRLA type (Lead Calcium SMF batteries NOT acceptable)
DC Bus Voltage	DC Bus Voltage of UPS to be specified ( $\geq 120$ V)
Battery Capacity	3000 VAH
Battery Brands	Reputed & Reliable brands like Exide, Panasonic, Rocket, Hitachi, Ouanta, CSB, EMERSON etc.
Noise level	<55 dB @ 1 Meter
Alarms & Indications	All necessary alarms & indications essential for performance monitoring of UPS like mains fail, low battery & fault detection
Compatibility	UPS to be compatible with DG Set supply
Certifications	For Safety & EMC as per international standards

**Item No. 4**  
**8KVA Generator Set**

Alternator Output	8kVA
P.F	0.8 lag
Voltage	415 V, 3 phase, AC
Type	Continuous running duty type
Frequency	50 Hz
Phase	3, 4 Wire
Cooling	Air Cooled
Over load capacity	10% overload – 1 hour
Excitation	Self excited, self regulated, automatic voltage regulator with manual voltage control facility in alternator
Permissible voltage variation	+/- 1.5% of rated voltage
Insulation	Class H
Base frame	Engine and alternator shall be coupled and mounted on sturdy, fabricated, welded construction, channel iron base frame with coupling guard.
Engine type	Multi cylinder, in accordance with IS 10002 with latest amendments.
Method of starting	Electric start 12 V DC
Type of cooling	Water cooled /Air cooled/ Radiator Cooled
Type of governor	Class A2 governing as per IS10000 (All latest specs of engines are as per IS10000 & class A2 governing)
Type of fuel	High speed diesel
Rating	Continuous
Output	MINIMUM 16 -18 BHP at NTP Conditions
Rated speed	1500 RPM

**Item No. 4.1**  
**5KVA Generator Set**

Alternator Output	5kVA
P.F	0.8 lag
Voltage	220 V, 1 phase, AC
Frequency	50 Hz
Phase	Single phase
Cooling	Air Cooled
Over load capacity	10% overload – 1 hour
Excitation	Self excited, self regulated, automatic voltage regulator with manual voltage control facility in alternator
Permissible voltage variation	+/- 1.5% of rated voltage
Insulation	Class H
Base frame	Engine and alternator shall be coupled and mounted on sturdy, fabricated, welded construction, channel iron base frame with coupling guard.
Engine type	Multi cylinder, in accordance with IS 10002 with latest amendments.
Type	1/2 cylinder

Method of starting	Electric start 12 V DC
Type of cooling	Water cooled /Air cooled/ Radiator Cooled
Type of governor	Class A2 governing as per IS10000 (All latest specs of engines are as per IS10000 & class A2 governing)
Type of fuel	High speed diesel
Rating	Continuous
Output	MINIMUM 10 -12 BHP at NTP Conditions
Rated speed	1500 RPM

**Item No. 5**

**Web-Camera with SDK**

(The system should support simultaneous audio and video capture via audio enabled windows systems)

Features	Specifications
Resolution	24 bit Colour, Minimum 480 x 640 pixel
Interface to Host	USB/Com Port with 3 mt. Cable
Formats to be Supported	BMP, JPG, GIFF
Light Adjustments	Auto
Compatibility Standard	Twain
Frame Rate	30 fps@ QCIFC (176*144)
Software	S/w for Picture capture & Net-meeting
Image Sensor	Image Sensor 1/4 " Progressive Scan CCD
Supported Operating System	Windows XP, Linux

**Item No. 6**

**Signature Capture System**

Features	Specifications
Display/Signature Window	Resistive
Resolution	1000 LPI
Interface to Host	USB/Com Port with 3 mt. Cable
Pen	Cordless with two barrel buttons
Pen Signal	Electromagnetic
Pen Power	DC 1.5 V from one Standard pen size battery
Pen Battery Life	Min. 1500 hours of Continuous use
Active Area	3.5" * 1.5"
Supported Operating System	Windows XP, Linux

**Item No. 7**

**Finger Print Capture System**

Features	Specifications
Finger Capture Device	Silicon/Optical Sensor Based
Resolution	Minimum 500 DPI of Image captured
Active Sensor Area	Minimum 10MM x 14MM
Sensor Area Size	Minimum 200 x 280 Pixels

Interface to Host	USB/Com Port with 3 mt. Cable
Biometric Template	BMP, JPG, GIFF
Supported Operating System	Windows XP, Linux

**Item No. 8**

**Network Switch**

**24 Ports Manageable Switch for IT Cell/ DTO Office**

Features	Specification
<b>Hardware Architecture:</b>	Multiple services (Data, voice, video) Power supply 230 Volt 50Hz input 1 x 24 Ports GE (10/100/1000Mbps) 1 x 2 Ports Gig Fiber High back plane speed minimum 26 Gbps Forwarding rate should be minimum 20 Mpps
<b>L2 Features:</b>	Layer 2 switch ports and VLAN trunks IEEE 802.1Q VLAN encapsulation Support for at least 200 VLANs. Dynamic Trunking Protocol (DTP) or equivalent VLAN Trunking Protocol or equivalent 802.1s 802.1w IGMP snooping v1 and v2
<b>IP Routing Protocols:</b>	Static IP Routing OSPF RIP Hot Standby Routing Protocol/VRRP
<b>L3 features:</b>	ICMP support Standard and extended ACLs on all ports Dynamic Host Configuration Protocol (DHCP) snooping AAA and RADIUS authentication enable centralized control of the switch and restrict Security unauthorized users from altering the configuration. Simple Network Management Protocol Version 3 (SNMPv3) to provide network security by encrypting administrator traffic during Telnet and SNMP sessions.
<b>Manageability &amp; Upgradation:</b>	Switch needs to have console port for administration & management Must have support SNMP v1, v2, v3 Management using CLI, GUI using Web interface FTP/TFTP for upgrading the operating System TCP-MIB, UDP-MIB RFC1213-MIB (MIB-II), RFC1398-MIB (ETHERNET -MIB)
<b>Standards:</b>	IEEE 802.1x support IEEE 802.3x full duplex on 10BASE-T and 100BASE-TX ports IEEE 802.1D Spanning-Tree Protocol IEEE 802.1p class-of-service (CoS) prioritization IEEE 802.1Q VLAN IEEE 802.3 10BASE-T specification IEEE 802.3u 100BASE-TX specification 19" Rack mountable
<b>Physical:</b>	All necessary power cords, adapters, data cables, connectors, CDs, manuals, brackets accessories, wire managers, etc. should be provided

**Item No. 9**  
**UTP CAT6 Cable**

<b>Features</b>	<b>Specifications</b>
<b>Type</b>	Unshielded Twisted Pair, Category 6, ANSI/TIA/EIA 568-B.2.1
<b>Conductors</b>	24 AWG solid bare copper
<b>Insulation</b>	Polyethylene /Polyolefin
<b>Jacket</b>	Flame Retardant PVC
<b>Approvals</b>	UL Listed ETL verified to ANSI/TIA/EIA 568-B.2.1 Cat 6
<b>Operating temperature</b>	-20 Deg. C up to +60 Deg. C
<b>Frequency tested up to</b>	250 MHz
<b>Delay Skew</b>	25ns-45ns /100m MAX.
<b>Impedance</b>	100 Ohms + / - 6 ohms
<b>Performance characteristics</b>	Attenuation, Pair-to-pair and PS NEXT, ELFEXT and PSELFEXT, Return

**Item No. 10**  
**SPLIT Air Conditioner**

<b>Features</b>		<b>Unit</b>	<b>Minimum requirement</b>
Capacity electrical ratings	Capacity	TR	2
	Cooling	BTU/hr	24000
	Compressor	Type	Rotary
	Refrigerant	Type	R-22
	Power Supply	Volt/Ph	230
Performance	EER		10.6
	Air Circulation	CFM	1030
	Noise Level	dB	<50
Operation	Remote control	Type	LCD

**Item No. 11**  
**DOT Matrix Printer**

<b>Features</b>	<b>Specifications</b>
80 Column support	
24 Pin	
64/128 KB buffer	
360 CPS on Draft Mode	

**Item No. 12**  
**Laser Printer**

<b>Features</b>	<b>Specifications</b>
16 PPM support	
USB/Parallel/Serial port Support	

**Item No. 13**  
**Smart Card Reader / Writer**

<b>Features</b>	<b>Specifications</b>
<b>Smart Card Reader/Writer</b>	Factory Standard for PC to Smart Card Reader interface, ISO 7816 compliant, support 3V chip card with T=0 and T=1 protocol, USB interface, external. Readers must have Factory Standard for PC to Smart Card Reader interface drivers.

**Item No. 14**  
**Dye Sublimation Printer**

<b>Features</b>	<b>Specifications</b>
<b>Dye Sublimation Printer</b>	Print Process: Dye Sublimation. Resolution: 300 dpi. Print Speed approximately 30 seconds per side; Colors- up to 16.7 million colors by using YMCK+O/YMCKO/KO ribbon. Capable of edge to edge printing. Having card input hopper and in-build card cleaning system. Capable of printing and smart card electronic personalization in single pass. Smart Card encoder within the printer shall be Factory Standards for PC to Smart Card Reader interface, International Standards Organisation 7816 compliant, support, 3V chip card with T=0 and T=1 protocol.

## ANNEXURE-V of SCHEDULE-I

### MINIMUM QUANTITY OF COMPUTER SYSTEMS REQUIRED

The minimum quantity of computer systems required to be supplied and installed under the project is as under:-

#### A. For Office of Directorate of Transport, Aizawl

Sl. No.	Description	Qty.	Unit	Tech Spec No.
1	Computer Server to be installed in Cluster Mode	2	1	1.1
2	Desktop Computer	16	6	2
3	Dot Matrix Printer	2	2	11
4	Laser Printer	7	3	12
5	LAN Switch	1	1	8
6	Air Conditioner	1	1	10
7	Smart Card Reader/Writer	4	-	13
8	UPS of required capacity	1+16	-	3, 3.2
9	DG Set of required capacity	1	-	4

#### B. For Class "A" District Offices (Total number of Offices: 2)

Sl. No.	Description	Qty.	Unit	Tech Spec No.
1	Server Computer	2	2	1.2
2	Desktop Computer	13	2	2
3	Web Camera	1	2	5
4	Signature Capture System	1	2	6
5	Finger Print Capture System	1	2	7
6	Dot Matrix Printer	8	2	11
7	Laser Printer	4	2	12
8	LAN Switch	1	2	8
9	9U Rack	1	2	
10	Air Conditioner	2	2	10
11	Dye Sublimation Printer	1	1	14
12	Smart Card Reader/Writer	10	2	13
13	UPS of required capacity	2+26	2	3, 3.2
14	DG Set of required capacity	1	2	4

#### C. For Class "B" District Offices (Total number of Offices: 3)

Sl. No.	Description	Qty.	Unit	Tech Spec No.
1	Server Computer	2	3	1.2
2	Desktop Computer	7	3	2
3	Web Camera	1	3	5
4	Signature Capture System	1	3	6
5	Finger Print Capture System	1	3	7
6	Dot Matrix Printer	5	3	11
7	Laser Printer	2	3	12
9	LAN Switch	1	3	8
12	9U Rack	1	3	
13	Air Conditioner	1	3	10



15	Smart Card Reader/Writer	10	3	13
16	UPS of required capacity	1+7	3	3.1, 3.2
17	DG Set of required capacity	1	3	4.1

**D. For Class 'C' District Offices (Total Number of Offices: 4)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.
1	Server Computer	1	4	1.2
2	Desktop Computer	5	4	2
3	Web Camera	1	4	5
4	Signature Capture System	1	4	6
5	Finger Print Capture System	1	4	7
6	Dot Matrix Printer	4	4	11
7	Laser Printer	2	4	12
9	LAN Switch	1	4	8
12	9U Rack	1	4	
13	Air Conditioner	1	4	10
15	Smart Card Reader/Writer	10	4	13
16	UPS of required capacity	1+5	4	3.1, 3.2
17	DG Set of required capacity	1	4	4.1

**E. For Class "D" (Total Offices: 2)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.
1	Desktop Computer	1	2	2
2	Laser Printer	1	2	12
4	LAN Switch	1	2	8
6	Smart Card Reader/Writer	10	1	13
7	UPS of required capacity	1	2	3.2

\* In the office of the SP Traffic Aizawl, Desktop and Laser Printers are to be provided

Note:-

1. The above requirements are indicative and the actual requirement would depend on the time schedule prescribed for various activities as given in clause 4.3.0 of the bid document.
2. The capacity of UPS/DG to be installed in various offices would depend on the actual load of hardware and which has to be assessed by the contractor.
3. CAT 6 cabling for various offices for local area network has to be laid down by the contractor as per the requirements of the site by the contractor.
4. Earthing is to be done by the contractor.



	experience in handling such assignments	<p>enabled citizen centric service based projects</p> <p>(a) Application software development</p> <p>(b) Supply of hardware</p> <p>(c) Networking</p> <p>(d) Data Conversion</p> <p>(e) Internet services</p> <p>(2) Smart card based projects</p> <p>(a) Relating to issuance of Driving Licence/Registration Certificate smart cards in India.</p> <p>(b) Other than (a) of (2) above</p>	<p>complete assignment 10 marks shall be awarded, subject to a maximum of 20 marks.</p> <p>For every complete assignment 6 marks shall be awarded, subject to a maximum of 12 marks.</p> <p>For every complete assignment 4 marks shall be awarded, subject to a maximum of 8 marks.</p>	<p>2*</p> <p>2*</p> <p>2*</p> <p>2*</p> <p>2*</p> <p>6*</p> <p>4*</p>	20
		Total Score		100	100

**SCHEDULE –II**

**PRE QUALIFICATION BID**

## SCHEDULE-II

**The Schedule II of the Bid Document shall contain following documents –**

1. Bid Form i.e. Annexure-I of Schedule-II
2. Bidders Detail in Annexure-II
3. Turnover in Annexure-III of Schedule-II
4. Certificate issued by CA as proof of turnover condition minimum of Rs. 1.00 Crores from IT business. This turnover is to be further classified in three separate components i.e. IT services, Hardware/Network Equipment sales and Maintenance & Smart Card projects for any one year of the preceding three financial years i.e. 2006-07, 2007-08, 2008- 09 out of which minimum turnover from Smart Card business should be Rs. 50.00 Lakh (Clause 3.7.1 of schedule 1)
5. Manufacturer's Authorization for SCOSTA compliant microprocessor Smart Cards to be used under the project by the bidder in Annexure-IV (Clause 3.7.2 of schedule 1)
6. Manufacturer's Authorization for Smart Card reader to be used under the project by the bidder in Annexure-V (Clause 3.7.2 of schedule 1)
7. Manufacturer's Authorization for Handheld Terminals to be used under the project by the bidder in Annexure-VI (Clause 3.7.2 of schedule 1)
8. Manufacturer's Authorization for Computer Server to be used under the project by the bidder in Annexure-VII.
9. Undertaking by the bidder in Annexure-VIII regarding clause 3.2.8 of the bid document.
10. Non- interest-bearing Earnest Money Deposit amounting to Rs. 5.00 Lakh (Rupees five Lakh only), in the form of demand draft in favour of the “Director of Transport, Mizoram”, payable at Aizawl or a Bank Guarantee of Rs. 5.00 Lakh (Rupees Five Lakh only), from any scheduled bank in India in favour of Director of Transport, Mizoram payable at Aizawl valid for a period of nine months from the date of submission of bid. The bank guarantee shall be in the format specified in annexure-III of schedule I of bid document. (Clause 3.3.0 of schedule 1)
11. Copy of Income Tax Return bearing PAN NUMBER submitted to the Income Tax Officer of the circle concerned, for the previous financial year. (Clause 3.5.0 of schedule -1)
12. Valid certificate from NIC for the Smart Cards to be used under the project that these cards are SCOSTA compliant and meet the current specifications as defined in clause(s) of rule 2 of Central Motor Vehicle Rules, 1989 issued by the Ministry of Shipping, Road Transport and Highways (Department of Road Transport & Highways) (Clause 3.6.0 of schedule 1)
13. ISO 9001 certificate for IT services of Bidder Company. (Clause 3.7.4 of schedule 1)

**Note –**

1. **All documents/annexure/certificates required as per Schedule -II are mandatory. In case if any one of the required document is not attached by the bidder together with the Pre Qualification Bid or do not meet the requirement of the bid, bid shall be summarily rejected without asking any further clarification and without affording any opportunity for submission any of above document/annexure/certificate and the bidder shall not be considered eligible for opening of the TECHNICAL BID.**

- 2. The bids shall be signed as per the clause 3.11.0 of the bid document.**
- 3. The bidder is required to refer the relevant clauses in schedule -I of bid document before furnishing the information desired in schedule-II of bid document.**
- 4. Photocopy of any document shall be acceptable if attested by the person who is authorised to sign the bid document. In case of detection of any forgery is noticed, then the bid shall summarily be rejected & EMD shall be forfeited & department may also resort legal action against the bidder.**

**ANNEXURE-I OF SCHEDULE-II**  
**BID-FORM**  
**(To be submitted on the letter-head of the bidder)**

To,

The Director of Transport,  
Government of Mizoram,  
Aizawl

Subject : Bid for Smart Card Based Driving Licence and Vehicle Registration.

Dear Sir,

We, the undersigned, having read and examined in detail the specifications and the complete bid document in respect of the above subject, do hereby propose to quote for Smart Card based Driving Licences and Vehicles Registration.

**1.0 RATE AND VALIDITY:**

- 1.1 All the rates quoted in our proposal are in accordance with the terms as specified in bid document. All the rates quoted and terms and conditions agreed by this proposal are valid for a period of 180 calendar days from the last date of submission of bid.
- 1.2 We do hereby confirm that our rates include all taxes, duties and levies etc.
- 1.3 We have studied the clauses relating to Indian Income Tax Act and hereby declare that if any Income Tax, Surcharge on Income tax and any other Corporate Tax are altered under the law, we shall pay the same.

**2.0 EARNEST MONEY:**

We have enclosed the Earnest Money in the form of Bank Draft / Bank Guarantee amounting to Rupees ----- Lakh only, as below.

<b>Sl. No.</b>	<b>Item Description</b>	<b>Details</b>	
1	Demand Draft	No.	Date:
2	Amount (In Rs.)		
3	Drawn on		
4	Payable at	Aizawl	
5	Bank Guarantee		
	(i) Name of the bank		
	(ii) Address of the bank		
	(iii) Validity of bank gurantee		
	(iv) Amount (in Rs) in favour of		

3.0 DECLARATION

We declare that all the services shall be performed strictly in accordance with the technical specifications and other bid conditions of this Bid.

4.0 QUALIFYING DATA

We confirm that we are submitting the qualifying data as required in the bid document. In case you require any further information/documentary proof in this regard before evaluation of our bid, we agree to furnish the same, in time, to your satisfaction.

5.0 ADHERENCE TO THE TIME-SCHEDULE OF PROJECT IMPLEMENTATION

We hereby confirm our adherence to the time schedule of implementation, as laid down in the Bid Document, and we shall be liable to any penal action as per the terms & conditions of the bid document in any case of default on our part.

6.0 USE OF EQUIPMENTS ETC. IN SUFFICIENT QUANTITIES

We shall use all the required equipments etc. in sufficient quantities to execute the contract as per the terms & conditions of the Bid, during the currency of the contract.

7.0 We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct. Bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.

We understand that you are not bound to accept the lowest or any of the bids.

Thanking you,

Yours faithfully,

(Signature)

Date:  
Place:  
Business Address:

Name  
Designation  
Seal



**ANNEXURE-II of SCHEDULE-II**  
**BIDDER/PRIME BIDDERS DETAIL**

- 1. Name**
- 2. Address of the office(s)**
- 3. Date of incorporation and/or commencement of business.**
- 4. Brief description of the Company including details of its main lines of business.**
- 5. Name, Designation, Address and Phone Numbers of Authorised Signatory of the Bidder:**
  - a. Name :**
  - b. Designation :**
  - c. Company :**
  - d. Address :**
  - e. Telephone Number :**
  - f. Fax Number :**
  - g. Mobile Number :**
  - h. E-mail Address :**
- 6. Details of individual (s) who will serve as the point of contract/communication for Transport Department within the Company:**
  - i. Name :**
  - j. Designation :**
  - k. Company :**
  - l. Address :**
  - m. Telephone Number :**
  - n. Fax Number :**
  - o. Mobile Number :**
  - p. E-mail Address :**

**7. In case of Consortium /Joint Venture:**

**Information above (1-4) should be provided for all the members of the Consortium/Joint Venture and information regarding role and responsibility of each member should be provided as per table below:**

<b>Sl. No.</b>	<b>Name of the Member</b>	<b>Role and responsibilities of Prime bidder and Partners</b>

### ANNEXURE-III OF SCHEDULE-II

#### TURNOVER

(to be furnished for each company of joint venture/consortium)

#### Turnover

S.No.	TURNOVER	AMOUNT (in Rs.)
	Total turnover from IT business during financial year 2006-07. (a) IT enabled citizen centric services (b) Hardware/Network Equipment sales and Maintenance and integration (c) Smart Card base projects	
	Total turnover from IT business during financial year 2007-08. (a) IT enabled citizen centric services (b) Hardware/Network Equipment sales and Maintenance and integration (c) Smart Card base projects	
	Total turnover from IT business during financial year 2008-09. (a) IT enabled citizen centric services (b) Hardware/Network Equipment sales and Maintenance and integration (c) Smart Card base projects	

## ANNEXURE-IV OF SCHEDULE-II

### MANUFACTURERS' AUTHORISATION FORM

Ref No.:

Date:

To

The Director,  
Transport Department  
Government of Mizoram  
Aizawl- 796001

Subject: Supply of Smart Card to M/s \_\_\_\_\_ for issuing smart card driving licenses and registration Certificates at the District Transport Office of Transport Department, Government of Mizoram.

Dear Sir

1. We refer to your Tender No. \_\_\_\_\_ dated \_\_\_\_\_ for Selection of Vendor to build, own and operate the project for the issuing of Smart Card based Driving Licenses and Registration Certificates of all District Transport Offices in Mizoram on BUILD, OWN, OPERATE & TRANSFER (BOOT) basis at Aizawl.
2. We acknowledge that we have accorded our consent to M/s \_\_\_\_\_ for the SCOSTA Certificates obtained from the National Informatics Centre.
3. Further, we have entered into an agreement dated \_\_\_\_\_ (hereinafter referred to as "the Agreement") with M/s \_\_\_\_\_ to supply SCOSTA compliant Smart Card to meet your requirements in the above Tender.
4. We, confirm that we have a manufacturing capacity of microprocessor based Smart Card (excluding Memory cards and GSM Cards)
5. We confirm that we have supplied Smart Cards in India as per SCOSTA specifications for Transport related application (**VAHAN 2.0 & SARATHI**).
6. In consideration of the above, we assure you that in the event that M/s \_\_\_\_\_ is awarded the Contract for issuing Smart Card Driving Licenses and Registration Certificates, we shall supply to M/s \_\_\_\_\_ the necessary quantity Smart Cards while complying with the Technical Specifications of the above mentioned Tender for the entire Agreement Period of 60 months.
7. We undertake that during the Agreement Period, we shall not terminate the Agreement dated \_\_\_\_\_ on any ground without serving on the Transport Department, 60 days prior notice in writing expressing such intent and also specifying the grounds on which the Agreement is proposed to be terminated. Further, if M/s \_\_\_\_\_ thereafter cures the grounds of termination to our satisfaction, we shall not terminate the Agreement on the said specified grounds.

8. We further agree that in the event that the Vendor Agreement with M/s \_\_\_\_\_ under the Tender is terminated for any reason whatsoever, the Director of Transport, Government of Mizoram shall, within 30 calendar days of such termination, have the option to call upon us to continue supply the Smart Cards to the Transport Department or its nominee on the same terms and conditions as contained in our Agreement dated \_\_\_\_\_, till such period as the Director of Transport may deem necessary subject to the period of our agreement or contract , which ever arises earlier.

Yours sincerely

[Signature-]

[COMPANY'S SEAL]

[Date]

[Place]

**ANNEXURE-V OF SCHEDULE-II**

**MANUFACTURERS' AUTHORISATION FORM**

Ref No.:

Date:

To,

The Director of Transport,  
Government of Mizoram,  
Aizawl

Subj: ----- dated.....

Dear Sir,

We, M/s. \_\_\_\_\_ an established and reputed manufacturers of smart card reader having factories at \_\_\_\_\_.

We, M/s. \_\_\_\_\_ agree to supply following to M/s. \_\_\_\_\_ against this specific bid in case the contract awarded to M/s \_\_\_\_\_ . The technical brochures are enclosed:

Sl. No.	Item Description	Make	Model No
1	Smart Card reader		

Yours faithfully,

(Name & Designation)

For and on behalf of M/s.

(Name of Manufacturer)

**Note:** The letter of authority should be on the Letter-Head of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

**ANNEXURE- VI OF SCHEDULE-II**

**MANUFACTURERS' AUTHORISATION FORM**

Ref No.:

Date:

To,

**The Director of Transport,  
Government of Mizoram.**

Sub: ----- dated .....

Dear Sir,

We, M/s. \_\_\_\_\_ an established and reputed manufacturers of Handheld Terminal having factories at \_\_\_\_\_.

We, M/s. \_\_\_\_\_ agree to supply following to M/s. \_\_\_\_\_ against this specific bid in case the contract awarded to M/s \_\_\_\_\_ . The technical brochures are enclosed:

Item Description	Make	Model No
Handheld Terminal		

Yours faithfully,

(Name & Designation)

For and on behalf of M/s.  
(Name of Manufacturer)

**Note:** The letter of authority should be on the Letter-Head of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

**ANNEXURE-VII OF SCHEDULE-II**

**MANUFACTURERS' AUTHORISATION FORM**

Ref No.:

Date:

To,

The Director of Transport,  
Government of Mizoram.

Sub: -----, dated.....

Dear Sir,

We, M/s. \_\_\_\_\_ an established  
and reputed manufacturers of Computer Server having factories at  
\_\_\_\_\_.

We, M/s. \_\_\_\_\_ agree to supply  
following to M/s. \_\_\_\_\_ against this specific bid in case the contract  
awarded to M/s \_\_\_\_\_ . The technical brochures are enclosed:

Sl. No.	Item Description	Make	Model No
1	Computer Server		

Yours faithfully,

(Name & Designation)

For and on behalf of M/s.

(Name of Manufacturer)

**Note:** The letter of authority should be on the Letter-Head of the  
manufacturing concern and should be signed by a person competent and having  
the power of attorney to bind the manufacturer...



**ANNEXURE- VIII OF SCHEDULE-II**

**UNDERTAKING BY THE BIDDER**

Ref. No.

Dated :

To,

The Director of Transport,  
Government of Mizoram,  
Aizawl.

Dear Sir,

Subject: ----- dated.....

We, M/s ..... hereby declare that our company/joint venture and any of the Managing Director/Directors has not been-

- (a) Convicted of a cognizable offence by any court of law; or
- (b) Detained under the National Security Act, 1980 (65 of 1980) or the Narcotic Drugs and Psychotropic Substance Act, 1985 (61 of 1985); or
- (c) found to be associated in any manner with an organized crime syndicate or its associate or with any Association declared unlawful under the Unlawful Activities (Prevention) Act, 1967 (37 of 1967) or any other law for the time being in force: or
- (d) Found to be involved in fraudulent activities in the issuance of smart cards in any State/Country; shall not be considered for awarding the contract.

Yours faithfully

(Name and Designation)  
For and on behalf of Bidder  
(Name of Manufacturer)

Note:-In case of Joint Venture/Consortium it shall be signed by authorized representative of all the partner companies of the joint venture/consortium.

**SCHEDULE – III**

**TECHNICAL BID**

**TABLE OF CONTENTS OF TECHNICAL BID**

<b>Sl. No.</b>	<b>Items</b>	<b>Page No.</b>
1	Infrastructure Information	
2	Experience Qualification	
3	Implementation Plan	
4	Minimum guaranteed Specifications. (Annexure I of schedule -I)	
5	Annexure-A	

## 1. INFRASTRUCTURE INFORMATION

### (1) MANPOWER

TOTAL STRENGTH	
EXECUTIVES	
TECHNICAL MANAGERS	
ENGINEERS	
SYSTEM OPERATORS	
DATA ENTRY OPERATORS	
ADMINISTRATIVE STAFF	
UNSKILLED MANPOWER	
OTHERS	

### (2) LOCATIONS OF OFFICES

ADDRESS OF LOCATION Attach list of locations	MANPOWER DEPLOYED			
	EXEC	SALES	SERVICE	TECHNICAL
1.				
2.				
3.				
4.				

### (3) TECHNICAL COLLABORATION for Smart Cards/Application Software/hardware (ENCLOSE AGREEMENTS)

NAME & ADDRESS OF ORGANISATION	SCOPE OF COLLABORATION
1.	
2.	
3.	
4.	

### (4) COMMERCIAL COLLABORATION Smart Cards/Application Software/hardware (ENCLOSE AGREEMENTS).

NAME & ADDRESS OF ORGANISATION	SCOPE OF COLLABORATION
1.	
2.	
3.	
4.	

**(5) INFRASTRUCTURE FOR SMART-CARDS**

<b>Sl. No.</b>	<b>ITEM</b>	<b>SPECIFICATION</b>	<b>QUANTITY</b>
	WORK STATIONS		
	CARD READERS		
	HANDHELD TERMINALS		
	PERSONALISATION PRINTERS		
	DEVELOPMENT TOOLS (SOFTWARE)		
	DEVELOPMENT TOOLS (HARDWARE)		

**(6) INFRA-STRUCTURE FOR IT – SOFTWARE DEVELOPMENT**

<b>Sl. No.</b>	<b>ITEM</b>	<b>SPECIFICATION</b>	<b>QUANTITY</b>
	WORK STATIONS		
	SERVERS		
	NETWORKING COMPONENTS		
	OPERATING SYSTEMS		
	NETWORK O.S.		
	ANTI-VIRUS SOFTWARE		
	S/W DEVELOPMENT TOOLS		
	SECURITY S/W		
	RDBMS		
	OTHERS (specify)		

**(7) RANGE OF PRODUCTS OF THE BIDDER**

<b>Sl. No.</b>	<b>NAME OF PRODUCT</b>	<b>SPECIFICATION NO.</b>
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

## 2. EXPERIENCE QUALIFICATION

### (1) EXPERIENCE PROFILE OF THE BIDDER: SMART CARDS PROJECTS

#### PROFILE SHEET

1	Name of the bidder	
2	Name of the Project	
3	Name of the Customer	
4	Address of the Customer Telephone Fax	
5	Nature of project (tick the relevant choice)	1. ISSUE OF SMART CARDS ON ONE-TIME BASIS 2. SUPPLY OF SMART CARDS 3. SUPPLY OF INTEGRATED SOLUTION 4. TURN-KEY PROJECT OF MULTI-LOCATION SET-UP FOR ISSUE OF SMART CARD ON ONGOING BASIS 5. OTHER (SPECIFY)
6	Project start date	
	Project end date	
7	Total order value	
8	Break up of order value:	
	Smart card supply	
	Hardware supply Application software	
9	Specification of the smart card(s)	
10	Total number of cards supplied /produced	
11	Configuration of solution installed, with specifications	
12	Total quantities of each equipment Deployed (Attach sheet if necessary)	
13	Total sites at which the solution is installed	
14	Networking of the locations	YES/NO
15	If yes (at sl. no. 14 above) - Total sites connected (no.)	

	- Medium of connection (leased line/ofc/vsat/internet/dialup etc.)	
16	Total quantities of each equipment Deployed (attach sheet if necessary)	
17	Name and designation of the contact person of customer	
18	Project financing	1. OUT-RIGHT SALE 2. LEASE 3. BOOT 4. OTHER (SPECIFY)

**NOTE:-**

1. The bidder is required to enclose proof of the above-mentioned experience.
2. The bidder is required to use separate profile sheet for each project.

**(2) EXPERIENCE PROFILE OF THE BIDDER: INFORMATION  
TECHNOLOGY PROJECTS**

**PROFILE SHEET**

1	Name of the bidder	
2	Name of the Project	
3	Name of the Customer	
4	Address of the Customer          Telephone Fax	
5	Nature of project (tick the relevant choice)	1. APPLICATION SOFTWARE DEVELOPMENT. 2. SUPPLY OF HARDWARE. 3. SUPPLY OF INTEGRATED SOLUTION. 4. NETWORKING. 5. DATA CONVERSION. 6. INTERNET SERVICES. 7. OTHER (SPECIFY).
6	Project start date	
	Project end date	
7	Total order value	
8	Break up of order value:	
	Application s/w development.	
	Supply of hardware.	

	Supply of integrated solution. Networking. Data conversion. Internet services. Other (specify).	
9	Configuration of solution installed with specifications	
10	Application software platform	
	Operating system(s)	
	RDBMS platform	
	Server OS	
11	Total sites at which the solution is installed	
12	Total quantities of each equipment Deployed (Attach sheet if necessary)	
13	Networking of the locations	YES/NO
14	If yes (at sl. no. 13 above) - Total sites connected (no.) - Medium of connection (leased line/ofc/vsat/internet/dialup etc.)	
15	Name and designation of the contact person of customer	
16	Project financing	1. OUT-RIGHT SALE 2. LEASE 3. BOOT 4. OTHER (SPECIFY)

- NOTE:-**
1. The bidder is required to enclose proof of the above-mentioned experience.
  2. The bidder is required to use separate profile sheet for each project.



### 3. IMPLEMENTATION PLAN

The bidder is required to submit a detailed implementation plan, mentioning the modus operandi for each of the activities. The implementation plan should necessarily include the following information, in the order mention below:

<p><b>LAYOUT PLAN</b> - indicating the space requirement, the layout of the equipment, the details of furniture and furnishings, and the ergonomics to deliver the throughput in a Customer-friendly, fast and efficient manner.</p>
<p><b>POWER CONDITIONING</b> - details of various equipments proposed for deployment to provide effective power-conditioning, power cable connection to various computing equipment and other machines at each location.</p>
<p><b>ENVIRONMENT CONDITIONING</b> - details of environment-conditioning equipment at each location. Such as air-conditioners, room-coolers, fans etc.</p>
<p><b>TRANSACTION-PROCESSING</b> - Narration of the process for completing the entire set of transactions for issue of a document, including data-entry, image-capture, collection of fee, issue of receipt, electronic and physical personalization, etc. This narration should be provided for the different functions proposed to be computerized under this bid requirement.</p>
<p><b>INSTALLATION &amp; COMMISSIONING</b> -of the computer hardware, system software, peripherals, and the application software.</p>
<p><b>DEVELOPMENT TOOLS</b> - used for the application software, at the front-end, back-end, the operating systems, the RDBMS, the security software/hardware, virus protection ETC.</p>
<p><b>ARCHITECTURE OF APPLICATION SOFTWARE</b> – along with quantification of the various modules such as forms, processing modules, report generation modules, utilities modules etc. for each of the applications in the bid requirement.</p>
<p><b>WIDE AREA NETWORK</b> – Architecture and medium of connectivity over the wide-area-network such as leased lines, VSAT, PSTN line etc.</p>
<p><b>SMART CARD MANAGEMENT</b>  Management of blank smart cards  Disposal of defective cards  Management of cancelled cards.</p>
<p><b>DATA MANAGEMENT</b> – at each:  Police Office Location  DTO location,  Head Quarters Level  State Data Center Level  Data backup management  Archival of data and paper based documents</p>

<b>SYSTEM AUDIT AND DOCUMENT AUDIT PROCEDURES.</b>										
<b>MANAGEMENT OF STAND-BY UNITS, CONSUMABLES, SPARE-PARTS.</b>										
<b>SECURITY AT THE NODES, THE LAN SERVER HEAD OFFICE SERVER AND STATE DATA CENTER SERVER.</b>										
<b>VIRUS PROTECTION</b>										
<b>SOFTWARE DATA-FLOW DIAGRAMS</b>										
<b>CHART FOR THE PROJECT IMPLEMENTATION.</b>										
<p><b>TIME DURATION OF EACH OF THE FOLLOWING ACTIVITIES:</b></p> <table> <tr> <td>Issue of Driving License</td> <td>=</td> </tr> <tr> <td>Vehicles Registration Certificate</td> <td>=</td> </tr> <tr> <td>Issue of mechanical fitness certificate</td> <td>=</td> </tr> <tr> <td>Mobile squad management at back-office</td> <td>=</td> </tr> <tr> <td>Handheld Terminal operation etc.</td> <td>=</td> </tr> </table>	Issue of Driving License	=	Vehicles Registration Certificate	=	Issue of mechanical fitness certificate	=	Mobile squad management at back-office	=	Handheld Terminal operation etc.	=
Issue of Driving License	=									
Vehicles Registration Certificate	=									
Issue of mechanical fitness certificate	=									
Mobile squad management at back-office	=									
Handheld Terminal operation etc.	=									

#### **4. MINIMUM GUARANTEED SPECIFICATIONS**

Minimum guaranteed specification of Smart Card, Handheld Terminals, dye sublimation printer, smart card reader shall be as per Annexure I of Schedule -I

## ANNEXURE-A of SCHEDULE-III

### OUTLINE ON WHICH THE BIDDER IS REQUIRED TO MAKE A DETAILED PRESENTATION ON EXECUTION OF BOOT PROJECT

1. About the Company & Partners
  - Corporate Structure- BoD, Memorandum of Association etc
  - Financial Structure- Balance sheets, fund flow etc.
  - Technical profile - Manpower, infrastructure etc.
2. Details about similar projects executed by the bidder.
3. Bidder understanding about.
  - Transport Department.
  - BOOT Project.
4. Experience on Smart Card based Projects.
5. Project funding - Plan, strategy, resource mobilization.
6. Project implementation methodology.
  - Site
  - Electric & Data Cabling.
  - Power backup arrangements.
  - Furniture & Fixtures.
  - Consumables.
  - Training to operational manpower.
  - Training to Departmental staff.
7. Proposed Networking solution.
8. Proposed implementation Plan with time schedules for each activity.
9. Quality Standards being followed by company with respect to ISO-9001, CMM etc.
10. Risk factors and fall back arrangements.
11. Estimated office wise Bill of material with make and configuration.
12. Integration Methodology
13. Web Site management.
14. Data Security Scheme to be adopted.
15. Manpower deployment Plan with minimum qualification.

- NOTE:**
1. Bidders are requested to submit an advance write up elaborating points mentioned above.
  2. Bidders are also requested to give a hard copy and a soft copy of the presentation.

**SCHEDULE – IV**

**FINANCIAL BID**

**NAME OF THE BIDDER:**

**ADDRESS OF THE BIDDER:**

SCHEDULE OF RATES

**SCHEDULE – A**

<b>S.No.</b>	<b>ITEMS</b>	<b>RATES INCLUSIVE OF ALL TAXES, DUTIES AND LEVIES ETC.</b> <b>(However included tax duties etc. are to be specified for use, in Case necessity arises.)</b>	
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	
		In figures	In words
<b>1</b>	Smart Card Driving Licence issued/ renewed SCOSTA Certified With 16 Kb Memory		
<b>2</b>	Smart Card Vehicle Registration Certificate of SCOSTA Certified Card With 16 Kb Memory		
<b>3</b>	Total		

1. The rate is inclusive of all taxes, duties and levies etc. However included tax duties etc. are to be specified for use, in case necessity arises.
2. For determining the lowest bidder, weighted per unit cost shall be considered.

**SCHEDULE OF RATES  
SCHEDULE –B**

S.No.	ITEMS	UNIT RATE (All prices in Rs.)	
1	2	3	
		In figures	In words
1	HANDHELD TERMINAL (PER UNIT FOR ADDITIONAL REQUIREMENT, IF ANY)		

**NOTE:** THE RATE IS INCLUSIVE OF ALL TAXES, DUTIES AND LEVIES ETC.  
(However included tax duties etc. are to be specified for use, in case necessity arises.)

**BIDDERS INFORMATION (Annexe):-****Information of Driver's License (2006-07)**

District	No. of License Issued		
	New	Renew	Duplicate
Aizawl	2525	5355	1924
Lunglei	661	1274	329
Saiha	373	323	161
Champhai	510	268	516
Kolasib	251	457	146
Serchhip	328	127	244
Lawngtlai	17	0	0
Mamit	99	0	0
<b>Total</b>	<b>4764</b>	<b>7804</b>	<b>3320</b>

**Information of Driver's License (2007-08)**

District	No. of License Issued		
	New	Renew	Duplicate
Aizawl	2716	4831	1839
Lunglei	512	724	130
Saiha	376	217	176
Champhai	742	321	245
Kolasib	365	568	206
Serchhip	332	543	471
Lawngtlai	67	5	51
Mamit	239	23	31
<b>Total</b>	<b>5349</b>	<b>7232</b>	<b>3149</b>

**Information of Driver's License (2008-09)**

District	No. of License Issued		
	New	Renew	Duplicate
Aizawl	3271	4453	1786
Lunglei	760	781	165
Saiha	392	267	239
Champhai	1225	215	1
Kolasib	381	648	231
Serchhip	311	1190	368
Lawngtlai	192	42	130
Mamit	324	47	202
<b>Total</b>	<b>6856</b>	<b>7643</b>	<b>3122</b>

**CLARIFICATION on the basis of Pre-bid Meeting held on 25-09-2009.**

Sl. No.	Query/Request	Clarification
1.	<p>Clause 3.7.1. The Bidder or the Prime bidder should have a minimum turnover of Rs. 1.00 crores</p> <p><b>Query:</b> What if a bidder having projects involving all the functions as mentioned under IT business, in one single project, since any Driving License (DL) and Vehicle Registration Certificate (VRC) project involves all the functions? Please clarify.</p>	<p>No change in the Tender document. Only the individual turnover of the bidder/members of consortium will be considered.</p>
2.	<p>Clause 3.7.2 In case the bidder or the prime bidder is the smart card manufacturer /supplier, then he must have a minimum manufacturing/supply capacity of 2 Lakh... and in case the bidder or the prime bidder is not a smart card manufacturer/supplier, then he shall submit.... 3 lakh.....</p> <p><b>Suggestion:</b> Smart Card manufacturing capacity must be same whether it is being manufacturing by bidder himself or enters into a supply arrangement with a Smart Card manufacturer.</p>	<p>Suggestion not acceptable. No change in the Tender document</p>
3.	<p>3.7.3 The Bidder or the Prime bidder in case of Joint Venture/Consortium must have successfully executed minimum one project in the domain of Citizen Centric IT Service Delivery, covering a wide geographical area networked together. As a proof of successful execution of the project a satisfactory performance certificate along with work order issued by client/user agency should be submitted.</p> <p><b>Suggestion:</b> There are very few executed/completed Smart Card projects, covering a wide geographical area networked together. Department can consider accepting running smart card projects which are covering a wide geographical area networked together and have been running successfully for more than 2 years or where more than 20 lakh cards have been issued, to have more competitive bids.</p>	<p>Suggestion not acceptable.</p> <p>No change in the Tender document</p>
4.	<p>Clause 3.7.6 The Authorization letter from Smart Card Manufacturer about supply arrangement is to be submitted.....</p> <p><b>Query:</b> Please clarify whether Supply arrangement with Smart Card Manufacturer is to be exclusive or non exclusive.</p>	<p>Supply arrangement with Smart Card Manufacturer is exclusive</p>
5.	<p>4.1.1 The project shall operate on Build, Own, Operate &amp; Transfer (BOOT) basis for a period of five years. The Contract shall be for a period of.....</p>	<p>Suggestion not acceptable. No Change in the Tender</p>

	<b>Query.</b> The period of the contract is specified as 5 years from the date of agreement. It is requested to modify as 5 years from the roll out of services from the last office.	document
6.	4.2.2 After signing of agreement, the contractor is required to make the whole system functional at all locations in the State within a period of 45 days.....  <b>Query.</b> In view of the work involved in setting up of IT infrastructure at 8 different locations and starting operations from all offices, it is requested to extend this period to 90 days to 120 days.	Suggestion not acceptable because the period can be extended upto 90 days. No change in the Tender document
7.	<b>4.3.0.</b> The contractor is required to deliver documents/Cards on the same day....  <b>Query.</b> ..... the clause may be changed to Printing of documents / cards are to be made on same day within 4 hours turn around time.	Amendment made. Please refer serial no. 1 of the Tender Modification/ Amendment dated 25/9/2009
8.	Clause 4.7.9 Contractor shall use and operate the application software provided by National Informatics Centre (NIC).  <b>Query.</b> It is mentioned that NIC software to be used. Please clarify whether NIC software is in ready-to-use condition. If it is not so, the required time needs to be added to implementation period. Also please provide the list of functions available in NIC software to plan for the missing functions.	Nic software like Vahan and Sarathi is readily available with department for use by the contractor.
9.	Clause 4.7.10 The contractor shall install at each DTE Office/STA/DTO and office of the Police Department listed at Annexure-II  <b>Query.</b> It is mentioned that hardware is to be installed at all offices. Please clarify whether Hardware required for KMS process of both SKMA and RKMA is included in this list or not. If not included, please let us know whether NIC will provide this Hardware required for SKMA and RKMA. Also, it may please be noted that under SCOSTA guidelines, this activity is strictly to be done by Department Staff only.	Hardware required for KMS process is to be borne by the contractor.  Amendment made. Please refer serial no. 2 of the Tender Modification/ Amendment dated 25/9/2009
10.	Clause 4.7.11 & 4.7.13  <b>Query.</b> It is mentioned that data from individual offices shall be uploaded to Central server through a Wide Area Network. It may please be noted that NIC has taken up this activity in other states under Central Government funding, wherein NIC is providing Central server (hardware and software), Broad band connectivity at all offices and software for uploading the data from individual offices to Central Server. Please confirm from NIC whether Mizoram is covered in this activity and if	Tender is clear enough, no change in tender document. Any technological change/upgradation will be done by the contractor free of charge.



	<p>so, this activity can be removed from Scope of the Tender.</p> <p>Further clause 4.7.13 mentions that Mizoram SWAN is to be used for connectivity. Please clarify whether independent connectivity is required between Central Server and Individual offices or Connectivity is to be provided through Mizoram SWAN being implemented separately. If the connectivity is through SWAN then the individual offices are to be connected to local SWAN nodes only and not directly to Central Server.</p>	<p>Contractor is required to make proposed networking solution.</p>
11.	<p>Clause 4.7.13-4.7.15</p> <p><b>Query</b> What is the present status of MSWAN connectivity? How much time would it take for MSWAN connectivity to become operational at all DTOs/STAs?</p>	<p>Not known.</p>
12.	<p>Clause 4.7.16 &amp; 4.8.1</p> <p><b>Query 1</b> Please clarify whether manpower is to be provided for all activities of DL and RC like cash receipt, entry of test results, Approval etc also in addition to data entry. As you are aware such activities are statutory in nature and are to be done by Department staff only. Please clarify that manpower is only for data entry and capture of Biometrics and not for any other activities including data entry of legacy records</p> <p><b>Query 2</b> It is mentioned that printing of Smart Cards is to be carried out from one office (Aizawl) only..... it is required that NIC to come out with suitable software solution where in KMS can be done Smart Card DL / RCs in that Central location only. Please clarify whether this facility is provided in NIC software.</p>	<p>All activities of DL and RC like cash receipt, entry of test results, Approval etc also in addition to data entry are to be done by Department staff only</p> <p>Any technological upgradation during the contract period shall be done by the contractor free of charge.</p>
13.	<p>Clause 4.8.3 The contractor shall issue Smart cards and update them regularly in the following manner:- .....</p> <p>In above cases, hard copies of complete document entered in the card shall also be provided to the cardholders free of cost. These hard copies shall be certified and signed by the competent officer authorized to issue Smart Cards.</p> <p><b>Query 1</b> When even the State Register is mandated to be held in electronic form, then why does the department wants to issue a hard copy to applicants, since the data entered is also available on Visual Inspection zone and Central Motor Vehicle Regulation does not have any such provision.</p> <p>Also hard copies are required at all the events as mentioned in 4.8.3 (i), such events will add to huge cost to the contractor and hence cannot be provided free of</p>	<p>Suggestions not acceptable</p>

	<p>cost. The hard copy documents will be obviously handed to the customer in a file. Will Transport department issue free file to us?</p> <p><b>Query 2</b> It is mentioned that all required updations are to be carried out and no payment will be made for such activities. It may please be noted that once Smart Card DL / RC pass through process of activation in KMS process, no updation is possible. Further, if the updation results in change in VIZ data, which requires printing of new Smart Card, payment shall be made for all such updated Smart Cards. In view of this, it is requested to amend this clause suitably.</p>	
14.	<p>Clause 4.8.4 The end- user shall pay all applicable fees/taxes, as per the Act and rules made there under to the department.</p> <p><b>Query</b> It is mentioned that end user shall pay all applicable fees / taxes. Please clarify whether end user will pay the service tax or any other tax which becomes applicable on Bidder.</p>	<p>Suggestions not acceptable</p> <p>Because the rate to be quoted by the bidder for smart card fee for both DL &amp; RC is to be <b>“INCLUSIVE OF ALL TAXES, DUTIES AND LEVIES ETC.”</b></p>
15.	<p>Clause 4.8.5 Under the contract, the contractor shall provide.</p> <p><b>Query</b> Please clarify whether Hand Held Terminals are to be equipped with suitable Printers (Either built in or externally connected). The specifications in Annexure I mention that Printer is optional.</p>	<p>Amendment made. Please refer serial no. 4 of the Tender Modification/Amendment dated 25/9/2009</p>
16.	<p>Clause 4.8.11 Cost of all consumables required for the project shall be borne by the contractor.</p> <p><b>Query</b> Please clarify whether all stationary including Cash receipts, paper for LLRs and other documents will be provided by Department?</p>	<p>Suggestions not acceptable</p>
17.	<p>Clause 4.9.2 The Contractor shall implement adequate Fire Management systems.</p> <p><b>Query</b> Please clarify on Fire Management System. It is understood that fire extinguishers of suitable capacity are to be provided under this clause. Please confirm?</p>	<p>Yes, the successful bidder should provide fire extinguisher of required quantity at each location</p>
18.	<p>Clause 4.11.0 - 4.11.4</p> <p><b>Query:</b> What is the current service tax or other tax component applicable presently?</p> <p><b>Suggestion:</b> It is not mentioned in the RFP as to what will be mode of payment to the contractor. For instance will it be in cheque form, Demand draft or Bank to bank</p>	<p>Rates are same with other states.</p> <p>Suggestion not entertained at this stage.</p>

	transfer in contractor's account. We suggest to make payment to the vendor in a direct debit mode by the transport department. And the Liquidated Damages to be handled and charged separately.	Will be finalized in the deed of agreement, but will govern by relevant clauses at 4.11.0 - 4.11.4
19.	<p>Minimum quantity of computer systems required to be supplied and installed..</p> <p><b>Query 1:</b> In Item A, for One office of Directorate of Transport, Units for Desktop Computers, Dot Matrix Printers and Laser Printers are mentioned as 6, 2 and 3 respectively. For all other items the Unit is mentioned as 1. This is not very clear and leading to confusion on the actual quantities required. We understand that for the office of Directorate of Transport, following is the requirement</p> <ol style="list-style-type: none"> <li>1. Desktop Computer – 16 No only</li> <li>2. Dot Matrix Printers – 2 No only</li> <li>3. Laser Printers – 7 Nos only</li> </ol> <p>Please Confirm the above</p> <p><b>Query 2:</b> Dye Sublimation Printer or Smart Card printer is being required only in 2 offices of Class A District Offices. Please clarify if the personalization has to be done in these DTOs' only?</p> <p><b>Query 3:</b> Regarding 1 KVA UPS , it is observed that 1KVA UPS is proposed for each Desktop PC in Class A, B and C offices, in addition to either 6KVA or 2 KVA UPS. Please confirm. If it is so, we feel that this is highly over specified, as one 6KVA UPS will support at least 18 to 20 Computers and one 2KVA UPS will support at least 6 to 8 computers. In view of this, following is suggested</p> <ol style="list-style-type: none"> <li>1. One 2KVA UPS at each office for Server only</li> <li>2. One 6KVA UPS for other equipment in Office of Directorate of Transport and Class A offices (2 nos)</li> <li>3. One 3KVA UPS for other equipment in Class B and Class C offices</li> </ol> <p>Please review the above and confirm.</p> <p><b>Query 4:</b> Please confirm the following as the total list of Equipment required for office of SP, Traffic, Aizawl</p> <ol style="list-style-type: none"> <li>1. Desktop PC – 1 No</li> <li>Laser Printer – 1 No</li> </ol> <p><b>Query 5:</b> Minimum Quantity of computers systems required). The meaning of term UNIT is not clear. For instance 'B' mentions desktop computer quantity as 13. Does it mean 13 for 2 offices or 13 desktops for each for one office?</p>	Amendment made. Please refer serial no. 8 of the Tender Modification/ Amendment dated 25/9/2009

20.	<p><b>KMS</b> is the responsibility of Transport department.</p> <p><b>Query :</b> What is the status of KMS in the department? Who would provide the infrastructure and equipments required for KMS?</p>	Nodal Officer, duly appointed by the department will provide necessary infrastructure to the contractor
21.	It is not clear in the RFP as to who will collect the direct fees from the end user. Please clarify whether the Transport department will collect the fees from end user or the contractor will have to do the same.	As per clause 4.8.4 department will collect fees.
22.	In the point rating system defined in the RFP it is nowhere mentioned as to what would be minimum points required to qualify the bid.	Suggestions not acceptable
23.	<p>Particulars of query</p> <ol style="list-style-type: none"> <li>1) Raw power of required capacity for UPS input, free of cost, at all offices including Central Server</li> <li>2) Server Room at each office to house Server and Smart Card Printer (wherever applicable)</li> <li>3) Partitioning and other civil works to establish various counters in all offices</li> <li>4) Lighting and Fans required at all counters</li> <li>5) Furniture including Tables for Servers, PCs, Printers etc and Chairs for operators.</li> <li>6) Running cost for DG Sets including fuel cost, in case of long duration power failure</li> </ol>	<p>Rental to be paid by the contractor.</p> <p>Site preparation will be done by the contractor.</p> <p>Site preparation will be done by the contractor. Department will provide. Department will provide.</p> <p>Will be borne by the contractor.</p>
24.	<p>Please clarify whether Department will introduce compulsory conversion of all existing Licences and Registration Certificates during the Contract Period. This is required to be done to improve the volume of transactions and viability of the project leading to lower costs.</p> <p>The conversion of existing documents can be taken up in a phased manner at all offices within a specified period of 12 to 24 months.</p> <p>Kindly review the above and confirm</p>	<p>Transport Department would carry out its obligations like:-</p> <ol style="list-style-type: none"> <li>a) Issue of necessary notification under MMV Rules, 1995.</li> <li>b) Make it mandatory for all vehicle owner and DL holders to have RC &amp; DL in the form of Smart card within a period of 1 year from the appointed date.</li> </ol>

**Tender Modifications/Amendment on the basis of Pre-bid Meeting held on 25-09-2009.**

**ISSUED BY:  
DIRECTOR OF TRANSPORT  
GOVERNMENT OF MIZORAM  
AIZAWL- 796001**

Sl. No.	Section/Clause/Annexure/SI. No /Page No.	Original Clause	Amended Clause
1.	<b>Section-IV, Clause 4.3.0</b>	The contractor is required to deliver documents/Cards on the same day, on which the necessary papers are received by offices of the department. The turn around time for final disposal of documents by contractor would be four hours every day. The documents received after 2.00 P.M. shall have to be disposed off at the beginning of the following working day. In case of delay, it would be considered that the system was not in operation and Liquidated Damages clause as per clause 4.5.0 shall be made applicable.	Smart card for DL and RC will be processed from Aizawl only. The Contractor is required to deliver documents/smart card on the same day, on which the necessary papers are received by DTO Aizawl. Delivery for remaining DTO may be as follows: <ol style="list-style-type: none"> <li>1. For DTO Kolasib, DTO Serchhip and DTO Mamit- 3 days</li> <li>2. For DTO Lunglei and DTO Saiha- 4 days</li> <li>3. For DTO Saiha and Lawngtlai- 5 days.</li> </ol> In case of delay, it would be considered that the system was not in operation and Liquidated Damages clause as per clause 4.5.0 shall be made applicable.
2.	4.7.10	<b>HARDWARE:</b> The contractor shall install at each DTE Office/STA/DTO and office of the Police Department listed at Annexure-II of bid document (Schedule -I) with minimum required number of Servers/Nodes as specified in Annexure-V of Schedule-I with necessary required peripherals. Minimum specifications of computer hardware are at Annexure-IV of Schedule-I of bid document.	Please See Annexure-V of Schedule-I (Modified) at Page No. 99
3.	4.8.1	All smart cards and their hard copies are to be issued as per clause 4.3.0. The Contractor shall print at Aizawl only and issue smart cards Driving Licenses	Please See Annexure-V of Schedule-I (Modified) at Page No. 99

		<p>and Vehicles Registration Certificates in the prescribed format by using the data obtained by the Contractor.</p> <p>The Contractor will, send the Driving License and Vehicles Registration Certificates to the address provided by the applicant only by Registered Post with Acknowledgement Due and not by any other means. The cost of Registered AD will be borne by the Contractor. The AD card / return address for Unclaimed/ undelivered/ returned items shall be that of the Concerned DTO of the Transport Department.</p> <p>All computer operations shall have to be manned and carried out by the personnel/manpower of contractor under the supervision of the transport department officials for the issue of cards and the other related computer operations at various locations of the department.</p> <p>The contractor shall make his own arrangements for engagements of all personnel including their payment, boarding, lodging, transport etc. All persons engaged by the contractor shall remain as employees of the contractor and under no circumstances will the department or its representatives are liable for such personnel. The contractor shall be solely responsible and liable for such personnel. No rights of any kind of appointment shall be attributed to the department for the act / appointment of any personnel provided for carrying out the services by the contractor.</p>	
4.	4.8.5	<p>Under the contract, the contractor shall provide 70 Handheld Terminals for use by the department. The contractor should replace Handheld Terminals immediately in case of malfunctioning of the instruments during the entire project period. The department may buy additional quantities of Handheld</p>	<p>Under the contract, the contractor shall provide 70 Handheld Terminals with inbuilt printer as per specifications of Transport Department for use by the department and Police Department.</p>

		Terminals for which the contractor should quote a price, which shall be valid for the currency of the contract.	The contractor should replace Handheld Terminals immediately in case of malfunctioning of the instruments during the entire project period free of charges. The department may buy if additional quantities of Handheld Terminals are required for which the contractor should quote a price, which shall be valid for the currency of the contract.
5.	Schedule-I, Section-I, Sl. No. 7 of Page No. 4	Last date & time of submission of bids. 20.10.2009 up to 2:00 PM.	Last date & time of submission of bids. 29.10.2009 up to 1:00 PM.
6.	Schedule-I, Section-I, Sl. No. 8 of Page No. 4	Opening of Pre-qualification Bid. 20.10.2009 at 3.00 PM.	Opening of Pre-qualification Bid. 29.10.2009 at 2:00 PM.
7.	3.13.2	Department may, at its discretion extend the last date for the receipt of bids which shall be published in News papers.	Department may, at its discretion extend the last date for the receipt of bids which shall be published in the following websites only:- <a href="http://www.transmizo.nic.in">www.transmizo.nic.in</a> <a href="http://www.mizoram.nic.in">www.mizoram.nic.in</a> <a href="http://tenders.gov.in">http://tenders.gov.in</a>

**8. ANNEXURE-V of Schedule-I (Modified)**

**1. For Office of Directorate of Transport, Aizawl**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos required
1.	Computer Server to be installed in Cluster Mode	2	1	1.1	2
2.	Desktop Computer	16	6	2	16
3.	Dot Matrix Printer	2	2	11	2
4.	Laser Printer	7	3	12	7
5.	LAN Switch	1	1	8	1
6.	Air Conditioner	1	1	10	1
7.	Smart Card Reader/Writer	4	-	13	4
8.	UPS of required capacity	1+16	6	3 & 3.2	1+16
9.	DG Set of required capacity	1	6	4	1
10.	Handheld Terminal with inbuilt printer	70	1	15	70
11.	Dye Sublimation Printer	4	1	14	4

**2. For Class "A" District Offices (Total number of Offices: 2)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos required
1.	Server Computer	2	2	1.2	4
2.	Desktop Computer	13	2	2	26
3.	Dot Matrix Printer	8	2	11	16
4.	Laser Printer	4	2	12	8
5.	LAN Switch	1	2	8	2
6.	Air Conditioner	1	2	10	2
7.	Finger Print Capture System	2	2	7	4
8.	UPS of required capacity	1+13	2	3 & 3.2	2+26
9.	DG Set of required capacity	1	2	4	2
10.	Web Camera	2	2	5	4
11.	Signature Capture System	2	2	6	4
12.	9U Rack	1	2	-	2
13.	Personalization hardware	1	2	-	2
14.	Smart Card Reader/Writer	20	2	13	40



**3. For Class "B" District Offices (Total number of Offices: 3)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos required
1.	Server Computer	2	3	1.2	6
2.	Desktop Computer	7	3	2	21
3.	Dot Matrix Printer	5	3	11	15
4.	Laser Printer	2	3	12	6
5.	LAN Switch	1	3	8	3
6.	Air Conditioner	1	3	10	3
7.	Finger Print Capture System	2	3	7	6
8.	UPS of required capacity	1+7	3	3.1 & 3.2	3+21
9.	DG Set of required capacity	1	3	4.1	3
10.	Web Camera	2	3	5	6
11.	Signature Capture System	2	3	6	6
12.	9U Rack	1	3	-	3
13.	Personalization hardware	1	3	-	3
14.	Smart Card Reader/Writer	10	3	13	30

**4. For Class "C" District Offices (Total number of Offices: 4)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos required
1.	Server Computer	2	4	1.2	8
2.	Desktop Computer	6	4	2	24
3.	Dot Matrix Printer	4	4	11	16
4.	Laser Printer	2	4	12	8
5.	LAN Switch	1	4	8	4
6.	Air Conditioner	1	4	10	4
7.	Finger Print Capture System	2	4	7	8
8.	UPS of required capacity	1+6	4	3.1 & 3.2	4+24
9.	DG Set of required capacity	1	4	4.1	4
10.	Web Camera	2	4	5	8
11.	Signature Capture System	2	4	6	8
12.	9U Rack	1	4	-	4
13.	Personalization hardware	1	4	-	4
14.	Smart Card Reader/Writer	10	4	13	40

**5. For Class "D" District Offices (Total number of Offices: 1)**

<b>Sl. No.</b>	<b>Description</b>	<b>Qty.</b>	<b>Unit</b>	<b>Tech Spec No.</b>	<b>Total Nos required</b>
1.	Desktop Computer	1	1	2	1
2.	Laser Printer	1	1	12	1
3.	UPS of required capacity	1	1	3.2	1
4.	Smart Card Reader/Writer	20	1	13	20

**ADDENDUM on the basis of Pre-bid Meeting held on 25-09-2009.**

**ANNEXURE-IV of SCHEDULE-I**

**DETAILS OF HARDWARE WITH MINIMUM CONFIGURATION TO BE INSTALLED AT TRANSPORT OFFICES, DTOs AND OFFICE OF THE POLICE**

**Item No. 15**

**Handheld Terminals-**

<b>Features</b>	<b>Specifications</b>
Handheld Terminals	<p>(a) Display: 4 lines x 16 characters back lit Liquid Crystal Display (LCD) Contrast level should such that it can be read in broad day light.</p> <p>(b) Key Pad: Numeric, Function and scroll keys. Support for entering non -numeric characters using this key pad should also be available. Card Reader interface, International Standards Organisation 7816 compliant, support, 3V chip card with T=0 and T=1 protocol.</p> <p>(c) Power On/Off: Switch or automated sleep mode enabled.</p> <p>(d) Smart Card Readers: Two built in International Standards Organisation 7816 compliant smart card readers with 3V interface and with both T=0 and T=1 transport protocol.</p> <p>(e) Battery pack: (Rechargeable and removable) with 8 hours of on time and 7 days stand-by time. Preferably support should be there to operate device with the help of standard 1.5 Volts Dry Cells of Standard size.</p> <p>(f) Memory: Memory requirements will depend on the application and the number of applications supported by the Terminal.</p> <p>(g) Printer: Printer is Optional and Printer Port is desirable.</p> <p>(h) Application: National Standard of Driving Licence and Registration Certificate as specified in this Annexure.</p> <p>(i) Communication: Standard Communication interfaces for loading and unloading of software (upgrades).</p>

**Tender 2<sup>nd</sup> Modifications/Amendment dated 28-10-2009.**

Sl. No.	Section/Clause/Annexure/SI. No /Page No.	Original Clause	Amended as
1.	ANNEXURE-IV of SCHEDULE-I <b>Item No. 2 - Desktop Computer</b>	Intel Core 2 Extreme QX6700, 2.66 GHz, 1066 MHz, 8 MB L2 CACHE MEMORY.  4 GB Dual Channel DDR2– 667/800MHz upgradeable to 8GB, 2 x 160 GB SATA HDD @ 7200, RPM & 3 GB/s, Min. 4 SATA Ports and 1 PATA Port, 1 X 1.44 MB FDD, Dual Layer DVD-RW 16x or higher  MONITOR / DISPLAY	Intel® Pentium® D processor 915, Dual Core • 2.80 GHz, 2 x 2 MB Advanced Transfer Cache, 800 MHz.  512 MB DDR2, 667/800MHz upgradeable to 2GB, 2 DIMM sockets, 160 GB SATA HDD @ 7200, RPM, SuperMulti SATA Drive, Combo Drive  17” TFT Color WXGA UNIT with Min. 1280 x1024 resolution, integrated speakers or external OEM stereo speakers With ATI Radeon Xpress 1100 Hyper memory Graphics or equivalent with Dedicated 256 MB video memory Graphic controller.
2.	Annexure IV of Schedule I <b>Item No 1.1 RDBMS</b>	Oracle 10g/SQL Server/DB2 required only for Database Servers (latest version) with OEM Support, updates and patched for entire contract period	Oracle 10g required only for Database Servers (latest version) with OEM Support, updates and patched for entire contract period
3.	4.7.5	The contractor shall provide all the equipments/facilities required to operate the system. The number of computers to be installed at each location shall be of the minimum specifications as given at Annexure IV of Schedule I. The minimum number of computers to be installed at each location shall be as per Annexure V of schedule I, however it is clarified that the number of required computers is indicative only.	The contractor shall provide all <b>BRAND NEW</b> equipments/facilities required to operate the system. The number of computers to be installed at each location shall be of the minimum specifications as given at Annexure IV of Schedule I. The minimum number of computers to be installed at each location shall be as per Annexure V of schedule I, however it is clarified that the number of required computers is indicative only.
4.	4.7.2	The contractor shall provide	Educational Qualification=

		man power having minimum qualification and experience as specified below: Educational Qualification= PGDCA	PGDCA or <b>DOACC "A" Level or BCA</b>
5.	Schedule-I, Section-I, Sl. No. 7 of Page No. 4	Last date & time of submission of bids. 29.10.2009 up to 2:00 PM.	Last date & time of submission of bids. <b>20.11.2009 up to 1:00 PM.</b>
6.	Schedule-I, Section-I, Sl. No. 8 of Page No. 4	Opening of Pre-qualification Bid. 20.10.2009 at 3.00 PM.	Opening of Pre-qualification Bid. <b>20.11.2009 at 2:00 PM.</b>

**7. ANNEXURE-V of Schedule-I (Modified)**

**1. For Class "A" District Offices (Total number of Offices: 2)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos required
1.	LAN Switch	1	2	16	2
2.	Smart Card Reader/Writer	6	2	13	12

**2. For Class "B" District Offices (Total number of Offices: 3)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos required
1.	LAN Switch	1	3	16	3
2.	Smart Card Reader/Writer	6	3	13	18

**3. For Class "C" District Offices (Total number of Offices: 4)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos required
1.	LAN Switch	1	4	16	4
2.	Smart Card Reader/Writer	6	4	13	24

**4. For Class "D" District Offices (Total number of Offices: 1)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos required
4.	Smart Card Reader/Writer	3	1	13	3

**ADDENDUM dated 28-10-2009.**

**ANNEXURE-IV of SCHEDULE-I**

**DETAILS OF HARDWARE WITH MINIMUM CONFIGURATION TO BE  
INSTALLED AT TRANSPORT OFFICES, DTOs AND OFFICE OF THE POLICE**

**Item No. 16  
LAN Switch-**

<b>Features</b>	<b>Specifications</b>
24 Port Unmanaged Switch	RJ-45 Ports: 24 Form Factor: Desktop (Rack Mountable) Packet Buffer: 512 KB Switch fabric: 4.8 Gbps Ethernet: Cat 5 & Cat 6 Switching Method: Store and Forward Standards Compliance: IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-T Ethernet AC Power: 15W maximum

3<sup>rd</sup> Amendment of RFP for Issuance of smart card base driving licence and vehicle registration on BOOT basis.

No. D. 21014/3/2009 DTE (TRP-IT)

Dated Aizawl the 18<sup>th</sup> November, 2009.

**GOVERNMENT OF MIZORAM**

**BID FOR**

**ISSUANCE OF SMART CARD BASED**

**DRIVING LICENCE (DL) & VEHICLES REGISTRATION (RC)**

**PROJECT ON BUILD, OWN, OPERATE AND TRANSFER (BOOT) BASIS**

**ATTENTION!**

**For the LATEST Amendments dated 16-NOV-09 please refer tender document as indicated below:-**

<b>Sl. No.</b>	<b>Description</b>	<b>Page No.</b>
1.	Modification	Page No 104 read with clause 3.11.1 at page 14.
2.	Deletion	a) Page No 104 read with item no 3. of Page 49 b) Page No 104 read with item no 3.1. of Page 49-50 c) Page No 104 read with item no 4. of Page 51
3.	Addition in the ANNEXURE-IV of SCHEDULE-I of Tender Document	Specification of 600VA UPS at Page No. 105
4.	Amendment on ANNEXURE-V of SCHEDULE-I of Tender Document	Page No 105-107

**ISSUED BY**  
**DIRECTORATE OF TRANSPORT**  
**GOVERNMENT OF MIZORAM**  
**AIZAWL 796 001**

Website: [www.transmizo.nic.in](http://www.transmizo.nic.in)

**Tender 3<sup>rd</sup> Modifications/Amendment dated 18-11-2009.**

**A. Modification/Amendment/Deletion**

Sl. No.	Section/Clause/Annexure/ Sl. No /Page No.	Original Clause	Amended Clause
1.	Section-I, Schedule-I at Page No. 4 Read with Sl. No. 5 of Page No. 95	Last date & time of submission of bids. 20.11.2009 up to 1:00 PM.	Last date & time of submission of bids. <b>01.12.2009 up to 1:00 PM.</b>
2.	Section-I, Schedule-I at Page No. 4 Read with Sl. No. 6 of Page No. 95	Opening of Pre-qualification Bid 20.11.2009 at 2.00 PM.	Opening of Pre-qualification Bid. <b>01.12.2009 at 2:00 PM.</b>
3.	Section III, Clause 3.11.1, Page No. 14	Bid shall be signed by a duly authorised person holding power of attorney for signing the bid document.	Bid shall be signed by Proprietor/owner or a duly authorised person holding power of attorney for signing the bid document.
4.	ANNEXURE-IV of SCHEDULE-I Page No. 48 (Read with Sl. No. 1 at Page No. 100)	512 MB DDR2, 667/800MHz upgradeable to 2GB, 2 DIMM sockets, 160 GB SATA HDD @ 7200, RPM, Super Multi SATA Drive, Combo Drive	<b>Combo Drive is not required</b>
5.	ANNEXURE-IV of SCHEDULE-I Page No. 48 (Read with Sl. No. 1 at Page No. 100)	17" TFT Color WXGA UNIT with Min. 1280 x1024 resolution, integrated speakers or external OEM stereo speakers With ATI Radeon Xpress 1100 Hyper memory Graphics or equivalent with Dedicated 256 MB video memory Graphic controller.	17" TFT Color WXGA UNIT with Min. 1280 x1024 resolution (excluding speakers).
6.	ANNEXURE-IV of SCHEDULE-I Page No. 49	Technical Specifications Item No. 3 - UPS System 6KVA UPS - Single Phase I/O	<b>DELETED</b>
7.	ANNEXURE-IV of SCHEDULE-I Page No. 49-50	Technical Specifications Item No. 3 .1 2 KVA UPS - Single Phase I/O	<b>DELETED</b>
8.	ANNEXURE-IV of SCHEDULE-I Page No. 51	Technical Specifications Item No. 4 8KVA Generator Set	<b>DELETED</b>
9.	Clause 4.7.2 at Page No. 25 (Read with Sl. No. 4 of <b>Tender 2<sup>nd</sup> Modifications/Amendment dated 28-10-2009 at Page No. 100</b> )	Data Entry Operator	<b>As Data entry work is to be carried out by Transport, the word "Data Entry Operator" whenever appeared are treated as "DELETED" excluding the word "Data Entry Operator" appeared in Page No. 76</b>

**B. ADDENDUM.**



IN THE ANNEXURE-IV of SCHEDULE-I, DETAILS OF HARDWARE WITH MINIMUM CONFIGURATION TO BE INSTALLED AT TRANSPORT OFFICES, DTOs AND OFFICE OF THE POLICE ITEM NO 17 IS ADDED AS BELOW

**Item No. 17 - 600VA UPS –**

Features	Specifications
600VA UPS -	600VA / 360 Watts, Line Interactive, Indicators for AC Mode & Backup Mode, Input Voltage Range of 140 V – 300 V AC on Full Load, Output Voltage of 230 V AC – Single Phase, 30mins. Backup.

**C. In the ANNEXURE-V of SCHEDULE-I the Technical Specification No. and total nos. required of certain items are modified as shown below:**

**1. For Office of Directorate of Transport, Aizawl**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos. required
1.	Computer Server to be installed in Cluster Mode	1	1	1.1	1
2.	Desktop Computer	16	6	2	16
3.	Dot Matrix Printer	2	2	11	2
4.	Laser Printer	7	3	12	7
5.	LAN Switch	1	1	8	1
6.	Air Conditioner	1	1	10	1
7.	Smart Card Reader/Writer	4	-	13	4
8.	UPS of required capacity	1+16	6	3.2+17	1+16
9.	DG Set of required capacity	1	6	4.1	1
10.	Handheld Terminal with inbuilt printer	70	1	15	70
11.	Dye Sublimation Printer	4	1	14	4

**2. For Class "A" District Offices (Total number of Offices: 2)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos. required
1.	Server Computer	1	2	1.2	2
2.	Desktop Computer	-	2	2	11+7=18
3.	Dot Matrix Printer	8	2	11	16
4.	Laser Printer	4	2	12	8
5.	LAN Switch	1	2	16	2
6.	Air Conditioner	1	2	10	2

7.	Finger Print Capture System	2	2	7	4
8.	UPS of required capacity	-	2	3.2 & 17	2+18
9.	DG Set of required capacity	1	2	4.1	2
10.	Web Camera	2	2	5	4
11.	Signature Capture System	2	2	6	4
12.	9U Rack	1	2	-	2
13.	Personalization hardware(Desktop Computer)	1	2	-	2
14.	Smart Card Reader/Writer	6	2	13	12

**3. For Class "B" District Offices (Total number of Offices: 3)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos. required
1.	Server Computer	1	3	1.2	3
2.	Desktop Computer	5	3	2	15
3.	Dot Matrix Printer	3	3	11	9
4.	Laser Printer	2	3	12	6
5.	LAN Switch	1	3	16	3
6.	Air Conditioner	1	3	10	3
7.	Finger Print Capture System	2	3	7	6
8.	UPS of required capacity	1+5	3	3.2 & 17	3+15
9.	DG Set of required capacity	1	3	4.1	3
10.	Web Camera	2	3	5	6
11.	Signature Capture System	2	3	6	6
12.	9U Rack	1	3	-	3
13.	Personalization hardware( PC only)	1	3	-	3
14.	Smart Card Reader/Writer	6	3	13	18

**4. For Class "C" District Offices (Total number of Offices: 4)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos. required
1.	Server Computer	2	4	1.2	8
2.	Desktop Computer	5	4	2	20
3.	Dot Matrix Printer	3	4	11	12
4.	Laser Printer	2	4	12	8
5.	LAN Switch	1	4	16	4
6.	Air Conditioner	1	4	10	4
7.	Finger Print Capture System	2	4	7	8

8.	UPS of required capacity	1+5	4	3.2 & 17	4+20
9.	DG Set of required capacity	1	4	4.1	4
10.	Web Camera	2	4	5	8
11.	Signature Capture System	2	4	6	8
12.	9U Rack	1	4	-	4
13.	Personalization hardware (PC only)	1	4	-	4
14.	Smart Card Reader/Writer	6	4	13	24

**5. For Class "D" District Offices (Total number of Offices: 1)**

Sl. No.	Description	Qty.	Unit	Tech Spec No.	Total Nos. required
1.	Desktop Computer	1	1	2	1
2.	Laser Printer	1	1	12	1
3.	UPS of required capacity	1	1	17	1

**D. Technical Bid Evaluation Criterion (ANNEXURE-VI of SCHEDULE-I)**

Sl. No.	Item	Criteria	Minimum Requirement	Weightage	Max. Marks
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1.	Background of Bidder/Prime Bidder	<b>a) Years of existence</b> <b>b) Nature of Business.</b> (i) IT enable citizen centric services (ii) Execution of smart card based projects (iii) Hardware/ Network Equipment Sales and Maintenance and Integration <b>c) Turnover</b> (i) 1 Crores (ii) >2 Crores <5 Crores (iii) 5 Crores and above	5 Years or more	5 5 5 5 4 5 6	5      15  15
2.	Proposed Manpower Deployment	a) Project Manager b) Project Support Manager		10 5	  15
3.	Proposed methodology	a) Time and work schedule b) Phasing of work		10 10	  20
4.	Practical experience in handling such assignments	(1) Execution of IT enabled citizen centric service based projects *  (a) Application software development (b) Supply of hardware (c) Networking (d) Data Conversion (e) Internet services  (2) Smart card based projects (a) Relating to issuance of Driving Licence/Registration Certificate smart cards in India. ** (b) Other than (a) of (2) above ***	For every complete assignment 10 marks shall be awarded, subject to a maximum of 20 marks.              For every complete assignment 6 marks shall be awarded, subject to a maximum of 12 marks. For every complete assignment 4 marks shall be awarded, subject to a	   2* 2* 2* 2* 2*  12* 8*	           20

			maximum of 8 marks.		
5.	Presentation	Annexure A of Schedule-III		10	10
<b>Total Score</b>				<b>100</b>	<b>100</b>

- \* For every complete assignment 1 (one) marks shall be awarded, subject to a maximum of 2 (two) marks.
- \*\* For every complete assignment 6 (six) marks shall be awarded, subject to a maximum of 12 (twelve) marks.
- \*\*\* For every complete assignment 4 (four) marks shall be awarded, subject to a maximum of 8 (eight) marks.

E. **DISCLAIMER:** The information contained in this tender document or subsequently provided to bidder(s) or applicants whether verbally or in documentary form by or on behalf of Transport Department or any of their employees or advisors, is provided to the bidder(s) on the terms and conditions set out in this tender document and all other terms and conditions subject to which such information is provided. This tender document does not claim to contain all the information each bidder may require. This tender document may not be appropriate for all persons, and it is not possible for the Department of Transport, their employees or advisors to consider the investment objectives, financial situation and particular needs of each bidder who reads or uses this tender document. Each bidder should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this tender document and where necessary obtain independent advice from appropriate sources. The Department of Transport, their employees and advisors make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the information contained herein.

(SIAMLIANA)  
Director of Transport  
Mizoram, Aizawl.