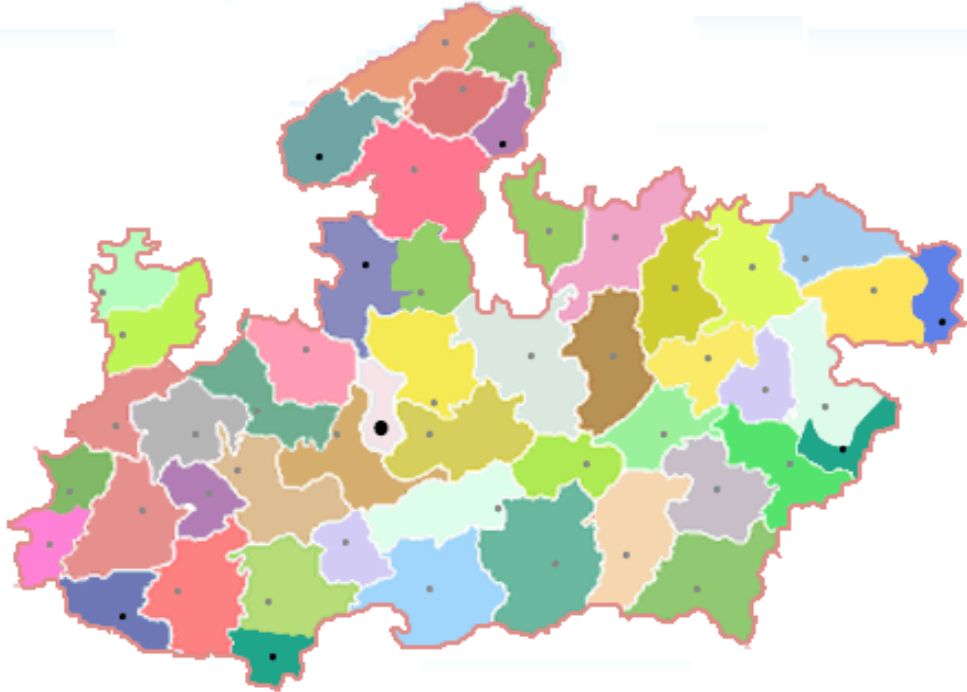




मध्य प्रदेश पुलिस

Madhya Pradesh Police

INDORE POLICE



RFP for Supply and Implementation of E-Challan System For Indore District Police

OFFICE OF THE SUPERINTENDENT OF POLICE,
HEAD QUARTER, REGAL SQUARE
INDORE-452001
MADHYA PRADESH

RFP NUMBER:

RELEASE DATE: 18 Dec. 2012

PHONE:..... FAX:

E-MAIL:

WEBSITE: www.Indorepolice.Org

NOTICE INVITING TENDER

Scope of work –“Indore Police currently is using a manual process for challans in case of violations of motor vehicle act. Such challans are generated manually at different places and cash penalty is collected by use of manual receipt book. In case of non-payment, such challans are presented in court. This system has no track or reporting of challans in terms of challan numbers, penalty amount etc. there is no provision to retrieve such challan online, neither any pictorial evidence is there. Department feels the need of having a real time system where in automation can be done in this process of challanning with IT implementation.

Now department plans to generate ON SPOT challans in a structured manner with mobile devices and use of hand held printers. This will facilitate us with proper record keeping, authenticity of challans and most importantly utility reports to find out frequent violations, and other statistics. This e-challan system is proposed with SPOT geo locations, real time picture as a proof and combination of some hand held device with built in printers and rest as mobile phones with ANDROID Applications (with optional use of Bluetooth portable printer connectivity).

This system will require such mobile units with/without printers as per specifications mentioned in document along with a secure web based application to access data in real time by officers using their individual login details. Indore police requires RFP from interested parties in achieving this goal by vendors technological support for such system establishment and implementation.”

Sealed tenders are invited in two bid system i.e. technical bid and financial bid by the undersigned from the manufacturers, authorized distributors system integrator and also from Government/Semi-Govt. Organization including Public Sector Undertakings for Purchase installation, configuration, testing and operations of complete E-Challan system (with 150 numbers of handheld devices/mobile handsets) on turnkey basis for use of Indore Police. The tenders can be sent through registered post, Courier or put personally in the sealed tender box kept in the Reception of office of the undersigned on or before 4th January 2013 **at 15:00 hours** and the tender will be opened on 4th January 2013 **17:00hours** in the Committee Room. In case the due date is declared a holiday tender shall be opened on next working day but tender box will be sealed on the scheduled date and time. The RFP document can be downloaded from Indore Police website www.Indorepolice.org or can be obtained from the office of the ASP Crime or ASP Traffic office on payment of Rs.1000 by D.D. on any working day from 10.00 A.M. to 5.00 P.M.

A pre-bidders meeting will be held on 2nd January 2013 **at 1600 Hrs.** in Conference Hall, control Room, Indore. All the interested tenderers/firms may send their queries, if any, in respect of the tender documents and the same be put in the box to be placed in front of the office of ASP Crime or ASP Traffic.

SUPERINTENDENT OF POLICE (HQ)

INDORE (M.P.)

DOCUMENT SUMMARY

Document owner	SUPERITENDENT OF POLICE , (HQ) INDORE (M.P)
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Permission	This RFP is not transferable and shall not be reproduced without the written permission of the owner

IMPORTANT EVENTS AND OTHER DETAILS

Event	Target Date and Time
Publication of RFP	18/12/2012
Beginning of Sale	18/12/2012
Last date of Submission of RFP Documents	4/1/2013 at 3.00 P.M.
Pre-Bid Meeting	2/1/2013 at 4.00 P.M.
Technical Bid Opening	4/1/2013 at 5.00 P.M.
Financial Bid Opening	6/1/2013
Cost of RFP	Rs. 1,000/-
EMD Cost	Rs. 80000/-
Estimated Cost of System	40,00,000/-

DISCLAIMER

All information contained in this Request for Proposal (RFP) provided/ clarified is in the good interest and faith. This is not an agreement and this is not an offer or invitation to enter into an agreement of any kind with any party.

The principle of this Tender Document is to provide the Bidder(s) with information to support the formulation of their Proposals. This Tender Document does not purport to contain all the information each Bidder may entail. 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 wherever necessary obtain independent advice from appropriate sources. This Tender Document may not be apposite for all persons, and it is not possible for Indore police, their employees, or advisors to consider the investment objectives, financial situation, and particular needs of each Bidder who reads or uses this Tender Document.

Indore Police reserves the right to reject any or all of the applications submitted in response to this RFP document at any stage without assigning any reasons whatsoever. Indore police also reserves right to withhold or withdraw the process at any stage with intimation to all who have submitted their bids in response to this RFP. Indore Police reserves the right to change/ modify/ amend any or all of the provisions of this RFP document without assigning any reason. Any such change would be communicated to the bidders by posting it on the website of Indore Police. Neither Indore police nor their employees and associates will have any liability to any prospective Respondent interested to apply or any other person under the law of contract to the principles or resolution or unjust enrichment or otherwise for any loss, expense or damage which may raise from or be incurred or suffered in connection with anything contained in this RFP document, any matter deemed to form part of this RFP document, the award of the Assignment, the information and any other information supplied by or on behalf of Indore Police or their employees and Selected Bidder arising in any way from the selection process for the Assignment.

Information provided in this document or imparted to any respondent as part of RFP process is confidential to Indore police and shall not be used by the respondent for any other purpose, distributed to, or shared with any other person or organization.

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CHAPTER – 1 INSTRUCTIONS TO BIDDERS

General

1. Bids are invited in two bid system – (i) Technical Bid & (ii) Commercial Bid from manufacturers or their authorized distributors and also from Government/Semi-Government Organizations, Public Sector Undertakings for Supply installation, configuration, testing and operation of complete E-Challan system (with of 150 numbers of handheld device / mobile phone) on turnkey basis. **E-Challan System for use in Indore Police (hereinafter referred to interchangeably as the “Equipments” or the “Items” or the “Goods” or the “Stores” or the “System”)** as per the Technical Specifications (**Chapter-4**) in this document. The bidders may quote price bid in Indian Rs. as per proforma for price schedule (**Chapter-5**).
2. Bidders are advised to study the tender document carefully & thoroughly. Submission of tender shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.
3. It will be imperative on each bidder to fully acquaint himself/herself with all the local conditions and factors which would have any effect on the performance of the contract and cost of the goods. No request for the change of price or time schedule of delivery of Goods shall be entertained on account of any local condition or factor once the offer is accepted by the Purchaser.
4. **The Purchase committee with the approval of competent authority reserves the right to relax any terms & conditions in the Govt. interest.**
5. Bidders shall not be permitted to alter or modify their bids after expiry of the deadline for receipt of Bids.

Schedule of Tender

- 2.1 The **RFPDOC** may be obtained from the office of ASP Traffic and ASP crime office Indore during office hours on any working day up to 4th January 2013 12 p.m. Alternatively, the tender document can be downloaded from Indore Police website www.Indorepolice.org.
- 2.2 In both the cases, a non-refundable tender fee of **Rs.1000/- (Rupees One Thousand only)** for each bid, in the form of Account Payee Demand Draft/Pay Order/Bankers Cheque drawn in favour of SUPERINTENDENT of Police (Indore), shall be enclosed along with the Technical Bid of Tender. Failure to submit the tender fee would result in rejection of the bid.
- 2.3 The sealed bids will be accepted 4th **January 2013; 3 p.m.** The sealed bids can be put personally in the Tender Box kept in the Reception office of the SUPERINTENDENT of police (HQ), Regal Square Indore. Alternatively, the bids may be sent by Registered Post/Courier/Speed Post addressed to the SUPERINTENDENT of Police(HQ), Regal Square Indore so as to reach latest by the stipulated date and time.
- 2.4 The Technical bids will be opened on 4th January 2013, 5.00 P.M.in the Committee Room, at SUPERINTENDENT of police (HQ), Regal Square Indore. The bidders or their authorized representatives may be present, if they so desire.
- 2.5 The pre-bid meeting will be held on 2nd January 2013 at 4.00 P.M. for the equipments mentioned in the schedule of requirement (Chapter-3) in Conference Hall, Superintendent of police (HQ), Regal Square Indore. The prospective bidders may send

their queries regarding the tender specifications, terms & conditions etc by post which should be received latest by 31st December 2012 or drop them in a box kept for the purpose at Reception Room, S.P. Office Indore.

- 2.6 The representatives (Employee, Manager, Owner, Partner, and Director) of the firms participating in the tender meetings including Technical Evaluation Committee meetings etc. must carry authorization letters from the firm concerned.
- 2.7 As part of Technical Evaluation of Bids, the Bidders shall show at least two handheld devices, mobile handset, printers, with connectivity to a demo server, issuing and printing of challan/notice, querying the database on various parameters, web based access and generation of various reports etc within next 2 days from the opening of the technical bids to demonstrate that they fully conform to this tender. The bidders will be intimated the exact date and time slot for them to carry out such demonstration. The bidders are advised to make all necessary arrangement for the live demonstration of their quoted equipment/items well in advance as they will be required to adhere to the time schedule given to them soon after bid opening/technical bid evaluation. A certificate to this effect that the firm is ready for live demonstration of their quoted equipment/item within 07 days from the date of opening of the Technical Bid should also be enclosed.
- 2.8 Technical Evaluation Criteria

The Technical Evaluation shall be in the format shown below. The information furnished by the bidders in the technical bid as well as the presentation shall be the basis for this evaluation. In case any of the information is not made available the Committee will assign zero marks to that item.

S.No.	Criteria	Marks
	Company Profile	5
	Experience in providing IT Solutions for complex service systems & Experience in providing IT solution for similar or likewise project and adherence to the technology for the project.	20
	System Implementation plan, Strategy for installation, Commissioning, Load Testing and Ease of Operation	10
	Training Methodology	5
	Technology Provided, Security Features of the Product, Stability, Flexibility and Robustness	20
	Process Based Software	5
	Integration of Application with the SMS services and Payment Gateway	5
	Extent to which System Requirements are fulfilled	20
	Schedule of Implementation	10
	TOTAL	100

Vendors having minimum score of Fifty will only be considered for opening of bid. All vendors having score less than fifty are considered to be not satisfying the technical requirements.

- 2.9 After evaluation of the technical bids and live demonstration, the short-listed bidders will be intimated. The list of short listed bidders will also be posted on the department's website. The decision of the committee on technical suitability of the offer shall be final and shall not be open for discussion.
- 2.10 The Commercial bids of the short-listed Bidders will be opened in the Committee Room at Superintendent of police (HQ), Regal Square Indore and such short-listed bidders will be intimated about the date and time accordingly. The short-listed bidders or their authorized representatives may be present, if they so desire, as per clause No.2.6 of Chapter-1.

Delivery, Installation and Commissioning

Delivery, installation, testing & commissioning and training of the equipment's on turnkey basis at Indore Police premises shall be completed by the Supplier in accordance with the terms specified by the Purchaser within **45 (Forty Five) Days** from the date of Award of Contract.

- 3.1 Vendor will provide the list of requirement from the purchaser for the establishment of the system like civil work, electrical space requirement for the commissioning and operations.
- 3.2 Responsibility of the department.
- a. Space for installation of computer & peripherals. Office space for operational staff of Vendor including light & fan.
 - b. Sufficient electrical points for equipment's, fans & AC etc.
 - c. Site Location as per Vendor requirement.
 - d. Civil activities related permissions.
 - e. Good quality earthing for electrical connection.
 - f. Furniture & fixture as per requirement.
 - g. Cost of electrical consumption.

Right to vary quantities

At the time of placement of Supply Order/signing of Contract, the Purchaser reserves the right to vary the quantities and/or split the order among the selected Bidders, in case the L-1 rates are the same.

Purchaser's right to accept any Bid and to reject any or all bids:

The Purchaser reserves the right to accept any bid, and to annul the bid process and reject all bids at any time, without assigning any reason, prior to placement

of supply order/ signing of contract, without thereby incurring any liability to the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the grounds for the Purchaser's action.

Bidder Qualification

The "**Bidder**" as used in the tender document shall mean the one who has signed the Bid Form. The Bidder may be either the manufacturer of the Goods for which prices are quoted on the Price Schedule, **Chapter-5** and also attached a copy of manufacturing proof of OEM issued by any Govt. agency like NSIC, SSI, DGS&D, Ministry of Industries etc. with the technical bid or his duly authorized distributors in which case he shall submit a certificate of authorization from the manufacturer alongwith proof of OEM issued by any Govt. Agency specified above.

The Bidder must have carried out at least two projects of similar type in India within last two years each of value not less than Rs 40 Lakhs & satisfactory completion report of same must be enclosed.

Bid Security (Earnest Money)

7.1 **Bid Security (Earnest Money) amount Rs.80,000/- (Rs. EIGHTY THOUSAND only)** in the form of Account Payee Demand Draft, Banker's Cheque from any of the commercial banks in an acceptable form, in favor of SUPERINTENDENT of Police (HQ), Indore. Failure to do so will result in the rejection of the bid.

1. The Bid Security (Earnest Money) shall be valid for forty five days beyond the bid validity period from the date of opening of the Bid by the Purchaser. No interest will be payable by the Purchaser on this amount.
3. The Successful Vendor shall provide an irrevocable revolving Bank guarantee/ security deposit of 10 % contract value at the time of signing the Contract that will underwrite the performance and any financial liability arising out of the Successful Vendor's non-performance and /or non-fulfillment of contract or non-compliance with the specifications, terms and conditions contained in this TENDER DOCUMENT. The Performance Guarantee shall be executed within 30 (Thirty) days of awarding the Project to the Successful Vendor. Failure to furnish the Performance Guarantee within the 30-day period shall result in the forfeiture of the EMD and automatic cancellation of the Letter of Intent unless extended by department in writing.
4. The performance guarantee may be invoked by police department for recovery of the amounts due on account of breach/violation/infringement of the respective clauses in the Contract or non-compliance with the specifications, terms or conditions in this TENDER DOCUMENT. The amount of such damages etc. as mentioned above shall be levied and charged against the Performance Guarantee at the sole discretion of department. The Successful Vendor shall ensure that the value of the Performance Guarantee 10% contract value is maintained at all times, during the term of the Contract, failing which the Contract shall be repudiated by Indore police on the grounds of unilateral violation of terms of the Contract by the Successful Vendor and the liquidated damages for premature termination shall be charged to the Successful Vendor in the manner specified in this report
5. The Bid Security (Earnest Money) may be forfeited:
 - a. if a Bidder withdraws his bid during the period of bid validity; or

- b. in the case of the finally selected Bidder, if the Bidder fails;
 - a. to sign the Contract in accordance Clause 1 of Chapter-2; or
 - i. to furnish Contract Performance Security in accordance with Clause 2 of Chapter-2; or
 - iii. if at any stage any of the information/ declaration is found false.
- 6. Bid Security (Earnest Money) in respect of the finally selected Bidder will be discharged upon the Bidder signing the Contract, pursuant to Clause 1 of Chapter-2 and furnishing the Performance Guarantee, pursuant to Clause 2 of Chapter-2.
- 7. Bids not accompanied by Earnest Money would be summarily rejected.

Period of Validity of Bids

Bids shall remain valid for **06 (Six) calendar months** from the date of Bid opening. A bid valid for a shorter period may be rejected by the Purchaser as non-responsive.

Registration with Sales Tax/VAT Department

The bidders should be registered with the Sales Tax/VAT Department, with respect to Sales Tax/VAT and shall furnish notarized copies of the same with their Technical Bid along with their latest Sales Tax/ VAT Clearance Certificates on the enclosed proforma(**Annexure-C8 of Chapter-7**) from the concerned department.

Terms and conditions of Tendering Firms

- 10.1 Printed terms and conditions of Bidder shall not be considered as forming part of their Bids.
- 10.2 Bidder must state categorically whether or not his offer conforms to all the tender terms and conditions. If there is a variation in any of the terms and conditions, the extent of variation and the reasons thereof shall be clearly mentioned in the technical bid.
- 10.3 Bidder must state categorically whether or not his offer conforms to the specifications given in **Chapter 4**, specify clearly deviation if any of the tender. Bidder is free to quote better version or to add any better configuration in line with technical specification of **Chapter 4**.

Bid Requirements

- 11.1 The Bidder must quote rates for the required quantities (item wise) as listed under the Schedule of Requirements (**Chapter - 3**) in the Price Schedule format, **Chapter-5**.
- 11.2 The Successful Bidder(s), irrespective of their registration status, shall be required to furnish **Contract Performance Bank Guarantee for 10%** of the Contract Price, at the time of award of Contract as per the prescribed proforma (**Annexure-C 6 of Chapter-7 & Clause 2 of Chapter-2**). The Performance Security can also be furnished in the shape of Bank Guarantee from any of the commercial banks.
- 11.3 All the bidders participating in the Tender must submit a list of their owners, partners, etc. and a certificate to the effect that the firm is neither blacklisted by any Government Department nor any Criminal Case is registered against the firm or its owner or partners

or directors anywhere in India. Any firm black listed by any Govt. Deptt. shall not be considered for this tender.

- 11.4 Bidder has to submit their annual financial statement for last three years.
- 11.5 Conditional bids will not to be entertained and summarily rejected.
- 11.6 Optional bids will not to be entertained and summarily rejected. The firm should quote only one model. The option either in model or in rates will not be accepted and the tender will be rejected straightway.
- 11.7 Telex/Fax bids will not to be entertained and summarily rejected.
- 11.8 Incomplete bids will not to be entertained and summarily rejected.
- 11.9 The bid shall contain no interlineations; errors or overwriting and all pages of the Bid must be signed and sequentially numbered by the Bidder.
- 11.10 The bidders must furnish a copy of manufacturing certificate of OEM by showing specific equipment's/items issued in their favour from any Govt. agency.
- 11.11 The Bid document must contain pamphlets of technical specification of all items, which are being quoted in the bid.

BID PRICES

- 12.1 The Bidder shall indicate on the Price Schedule, **Chapter-5** attached to these documents the Unit Prices and total Prices of the Goods it proposes to supply under this tender in the following manner:-

	Unit price in Indian Rupees
	Custom duty/Excise duty, if applicable (along with the rate of duty)
	Sales Tax/VAT in Indian Rupees.
	Other Govt. levies, if any.
	Total Price, FOR destination.
	AMC Charges per annum ((including all govt. levies and tax)
	AMC charges for 07 years (including all govt. levies and service tax)

Note: Optional rates shall not be considered and the bid shall be rejected.

- 1. The supply/billing should be made from the firm/place of C.S.T./ST/VAT Registration/ Clearance.
- 3. The Purchaser will make all payments, under this contract, in Indian Rupees.

4. The bidder should ensure that the prices are quoted in line with the price schedule leaving no column blank. After opening of the price bid, no clarifications whatsoever shall be entertained by the Purchase Committee.

GUARANTEE/WARRANTY & AMC

- 13.1 The Bidder shall provide onsite comprehensive Guarantee/Warranty of all goods/equipment for a period of 01 (One) Year from the date of final acceptance of the equipment and also provide comprehensive Annual Maintenance of the entire equipment for next 2 (Two) Years after expiry of the warranty/guarantee period of 01 year.
- 13.2 The bidder shall supply OEM Certificate for the items for the availability of spares for the period of 3 year. The bidder must have technically competent team for repairs with its permanent office in Indore (Office address) and helpline numbers and email address.
- 13.2 AMC is to be considered as a loading factor and a criterion for deciding the lowest bidder.

Contents of Bid

The Bids prepared by the Bidder shall comprise of the following two components:-

- a) **Technical Bid** comprising of the following and to be filled on the format sheets provided in each Tender Document. This is mandatory:

Check List of Technical Bid **(Annexure C4, Chapter 6)**.

Bid Form **(Annexure C 2, Chapter 6)**.

Demand Draft for **Rs.1000/-** in favour of SUPERINTENDENT of Police(HQ), Indore shall be attached towards Tender fee **(Clause 2.2, Chapter-1)**.

EMD in the shape of A/C Payee/Demand Draft/Pay Order/Bank Guarantee/FDR in favour of SUPERINTENDENT of Police(HQ), Indore.**(Clause 7 of Chapter 1)**.

Copies of ST/VAT Registration & Clearance Certificates **(Clause 9, Chapter 1)**.

Copy of Manufacturing/Authorized distributor Certificate.

Bidders Particulars **(Annexure C-1, Chapter 6)**.

Certificate as per clause 11.3 of Chapter-1.

Technical Specifications of the Goods duly signed & Stamped **(Chapter 4)**.

All technical brochures/documents relevant to the Bid.

Certificate as per clause 11.1 of Chapter-2.

Certificate as per clause 8.2 of Chapter-2.

Certificate as per clause 2.6 of Chapter-1.

Guarantee/Warranty (**Annexure C3, Chapter 6**).

- b) **Commercial Bid** comprising of the following and to be filled in accordance with the formats provided in the Tender Document:
 - i) Bid Letter (**Annexure C 5, Chapter 6**).
 - ii) **Price Schedule Chapter - 5 & AMC Rates for 07 years after Guarantee/ warranty Period of 03 years.**
 - iii) Schedule of Requirements (**Chapter 3**).
 - iv) Check List of Commercial Bid (**Annexure C7, Chapter - 7**).

Procedure for Submission of Bids

15.1 It is proposed to have a **Two-bid System** for this tender:-

- a. Technical Bid in one sealed cover super-scribed "**Technical Bid, Tender for "150 Nos. E-Challan System for use in Indore Police"** and date of opening". Please note that **prices should not be indicated in the Technical Bid.**
- b. Commercial Bid in one sealed coversuper-scribed "**Commercial Bid and Tender for "150 Nos. E-Challan System for use in Indore Police"**."

15.2 Both the Technical Bid cover and Commercial Bid Cover prepared separately as above are to be kept in a single sealed cover super-scribed with **Tender for "150 Nos. E-Challan System for use in Indore Police"** and date of opening.

15.3 All the covers should also indicate clearly the **name and address of the Bidder.**

15.4 Foreign firm can participate in the tender through their authorized agents appointed in India. No foreign company shall be entertained directly

CHAPTER – 2 TERMS & CONDITIONS OF CONTRACT

1. Award of Contract:

- 1. Prior to the expiry of the period of bid validity, the Purchaser will notify the finally selected Bidder and place the supply order within 15 days thereafter. If a need for extension of the bid validity period arises, it should be extended by mutual agreement. The issue of award/placement of supply order will constitute the formation of the Contract.
- 2. At the time of placement of the supply order, the finally selected Bidder shall sign the contract with the Purchaser. The finally selected bidder shall bring alongwith him, the power of attorney, the contract performance bank guarantee and common seal etc. for signing the contract.

3. The Supplier must study the workflow, carryout detailed requirements elicitation from user to prepare Software Requirement Specifications (SRS) for developing the software to the satisfaction of the purchaser within 30 days of getting the order. The Supplier must also suggest any Business Process Re-engineering, if required.

2. Contract Performance Bank Guarantee & AMC Performance B.G. :

1. At the time of signing the contract, the Supplier shall furnish a **Contract Performance Bank Guarantee** for **10 percent of the value** of the Contract price, as per the prescribed proforma(**Annexure C-6, Chapter 6**), from a commercial Bank. The Performance Security can also be furnished in the shape of A/C Payee Demand Draft, FDR.
2. The Contract Performance Security will be in the name of the SUPERINTENDENT of Police (HQ), Indore.
3. The Contract Performance Bank Guarantee should be valid for a period of 03 (three) years and 06 (six) months from the date of award of the contract. This will be released after the successful completion of warranty period.
4. In the event of delay in acceptance of the goods, the Supplier shall, at the request of the Purchaser, extend the validity of the Contract Performance Bank Guarantee so as to cover the warranty period.
5. Thereafter, the supplier shall furnish an AMC Performance Bank Guarantee equivalent to five percent (5%) of the contract price from a commercial bank within the validity period of the Contract Performance Security. The Performance Security can also be furnished in the shape of A/C Payee Demand Draft, FDR.
6. The AMC Performance Security will be in the name of the SUPERINTENDENT of police (HQ), Regal Square Indore
7. The AMC Performance Security should be valid for 2 (two) years from the date of expiry of one-year warranty. This will be released after the successful completion of the AMC period.

3. Payment Schedule

The standard payment terms subject to recoveries, if any, under the Liquidated Damages clause will be as follows: -

- 3.1 **Delivery of goods:** The Supplier shall notify the Purchaser about the delivery of the goods to the Delivery Site one week in advance of the expected date of partial or complete delivery.
- 3.2 The Supplier shall ensure that its representatives are present for the inventorisation of the Goods supplied under the contract failing which the Purchaser shall proceed with the inventorisation in the Supplier's absence and the Purchaser's inventorisation report shall be binding on the Supplier.

- 3.3 The 40% payment will be made after the complete Delivery / Receipt/Final Acceptance of the devices and receipt of the Supplier's bill complete in all respect, in Indian currency only. **No claim for interest on delayed payment will be entertained.**
- 3.4 The 30% payment will be made after the successful installation, configuration and commissioning of the devices and acceptance.
- 3.5 The 20% payment will be made after successful and satisfactory performance of the E-Challan system.
- 3.6 The 10% payment will be made after six months from the date of release of the 20 % as defined under the Clause 3.5 for the successful and satisfactory performance.
- 3.7 No advance payment shall be made.

4. Packing, Forwarding & Shipment

The Supplier shall provide proper packing of the goods to prevent their damage or deterioration during transit to the final destination site. The Supplier shall notify Purchaser of the date of each shipment from his works and the expected date of arrival of goods at the site.

5. Delivery, Installation and Commissioning

Delivery, installation, testing & commissioning of the equipment's at Indore Police premises shall be one of turnkey basis completed by the Supplier in accordance with the terms specified by the Purchaser within 180 (One Hundred Eighty) Days from the date of Award of Contract.

6. Insurance

The Goods supplied under the Contract shall be fully insured on a warehouse-to-warehouse basis by the Supplier against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery.

7. Inspection

1. The Purchaser shall have the **right to inspect** and/or test the **goods** for conformity to the Contract Specification.
2. Should any inspected or tested Goods fail to conform to the specification, the Purchaser may reject them and the Supplier shall either replace the rejected Goods or make all alterations necessary to meet specification requirements free of cost to the Purchaser
3. The Supplier shall provide installation and standard test procedures for the individual equipment and for the complete System offered.
4. The Supplier shall test individual equipment and the complete System after installation at site. The Supplier shall submit complete documentation of all the measurements conducted during installation period for future reference of the Purchaser.

5. A document comprising of the technical problems faced during installation, testing and commissioning period and their solutions shall be submitted by the Supplier at the time of handing over the completed works to Indore Police.
6. For the purpose of taking over the goods/system supplied, an Acceptance Test shall be carried out at the Purchaser destination site. The equipment that meets the acceptance test shall only be accepted by the Purchaser.
7. The installation or commissioning shall not be deemed to have been completed unless all the Goods and System are accepted by the Purchaser.
8. Before the equipment is taken over by the Purchaser, the Supplier shall supply installation, operation, repair and maintenance manuals of the equipment/system. This shall include the (i) System Interface Drawings, (ii) System Interconnection and Block Diagrams, (iii) User Operation Manuals for Hardware and software &(iv) Equipment Maintenance Manuals.

8. Guarantee / Warranty, Operational Services and Support

1. The Supplier shall provide comprehensive on-site **Guarantee/Warranty** for all goods/equipment including all spare parts and consumables supplied under the Contract at least for a period of **01 (one) year from the date of final acceptance of the equipment.**
2. The Supplier must setup a maintenance base in Indore within a period of two months of the supply order to provide customer support on 24 x 7 x 365 basis in Indore, of the System being offered, "Efficiently and Promptly". The OEM of offered products must have **fully equipped service facility in Indore.** Certificate in this regard shall be submitted by the Bidders with their technical bid.
3. The vendor will provide helpline number for the 24 x 7 x 365 support
4. If the performance of any individual equipment or System fails to meet the contract specifications then the same shall be replaced by the Supplier free of cost during the term of the warranty/guarantee period.
5. The Supplier shall provide necessary Software updating free of cost during the warranty/guarantee period and also during the period of AMC, if awarded.
6. The maintenance services, including spares shall be **free of cost** during the warranty/guarantee period.
7. During the term of warranty/guarantee the service/repair calls will have to be attended by the Supplier **within four hours** from the time of such calls. In case of malfunction/defect in handheld device, printer, charger or any other accessory, they will be repaired **within 8 hours** at Purchaser's location failing which a penalty of **Rs.500/-** will be charged for each devices, printer, charger etc per day. In case of major defects requiring the defective card/item/equipment to be taken to the Supplier's workshop, it should be returned within a week duly repaired and an immediate substitute

card/item/equipment will be provided by the Supplier for the smooth operation of the System. The to and fro transportation of the card/item/equipment will be the responsibility of Supplier.

8. The down time of server/data base should not be more than 4 hours failing which a penalty of **Rs.1000/-** will be charged for each day.
9. The average uptime of server/data base must be more than 99% in a month failing which a penalty of **Rs.25, 000/-** will be charged each month.
10. Apart from the service/repair calls, the service engineer deputed by the Supplier will visit the site once in every 03 months to carryout the Preventive Maintenance and diagnostics of the equipment during the Warranty Period.
11. Delays in attending the calls and or repairing the defective card/item/equipment beyond time limit specified in this Clause, without providing the substitute, will attract penalties in accordance with **Clause 12**.
12. If the Supplier fails to repair or replace the defective Equipment/ Item, the Purchaser will be free to get the same repaired/replaced from the market and its cost will be adjusted from the Supplier's Contract Performance Security.

9 Post-Warranty services and maintenance

1. The Supplier shall be responsible for the comprehensive on-site maintenance of the equipment, for a period of two years after expiry of the warranty/guarantee period assuming the life span of the System to be minimum 3 years. The bidder shall indicate the estimated life span of the quoted equipment.
2. The Supplier shall quote the rates for comprehensive Annual Maintenance of the entire equipment in the Price Schedule **Chapter-5** for all the 07 (seven) years after expiry of the warranty/guarantee period of 03 (three) years.
3. The payment towards AMC shall be payable periodically after successful completion of the maintenance service during that period, the period being not more than three months.
4. Under the AMC, the Supplier shall provide comprehensive maintenance services of the entire equipment including the spares and there shall be no hidden cost.
5. Preventive maintenance service of the equipment under AMC must be carried out once in three months.
- 9.6 During the period of AMC, the service/repair calls are to be attended by the Supplier **within four hours** from the time of such calls. In case of malfunction/defect in handheld device, printer, charger or any other accessory, they will be repaired **within 8 hours** at Purchaser's location failing which a penalty of Rs.500/- will be charged for each devices, printer, charger etc per day. In case of major defects requiring the defective

card/item/equipment to be taken to the Supplier's workshop, it should be returned within, a week duly repaired and immediate substitute card/item/equipment will be provided by the supplier for the smooth operation of the System. The to and fro transportation of the card/item/equipment will be the responsibility of Supplier.

9.7 The down time of server/data base should not be more than 4 hours failing which a penalty of **Rs.1000/-** will be charged for each day.

1. The average uptime of server/data base must be more than 99% in a month failing which a penalty of **Rs.25, 000/-** will be charged each month..

9. If the Supplier fails to repair or replace the defective card/item/equipment, the Purchaser will be free to get the same repaired/replaced from the market and its cost will be adjusted from the pending bills/Security deposit of the Supplier.

10. The Purchaser shall also have the right to decide whether or not to enter into the maintenance agreement with the Supplier.

11. The vendor will responsible to supply all the consumable including stationeries and printing material at no extra cost

10. Training

1. The scope of work envisages that the Bidder shall undertake to train the staff nominated by Indore Police in different aspects of equipment design, functioning, testing, operation & administration, maintenance and repair

2. The supplier shall conduct continuous training program for the operations of the system for the Indore Police personnel.

3. The supplier shall at every stage of installation; Configuration, commissioning, testing and troubleshooting provide all facilities for adequate training of Indore Police personnel who may be deputed to work on the project.

4. The system Administration and Maintenance Training program, at the user's location, will be structured so as to train 20 (Twenty) of the Indore Police personnel deputed for the purpose.

5. Operational Training to the field police officers

6. Software Administration training to the administrative and also technical staff

7. The supplier must train 60 police personnel for the use of the device and software and 5 police personnel for the administration of back end server. The training must take place at client's premises in batches of 5 each.

8. Bidder will provide complete details on the training programs to be offered including:

(a) Material to be covered

- (b) Number of hours of training per operator or technician for each specific course
 - (c) Supporting documentation to be provided.
- 10.9 The supplier shall private Standard Operation Procedure (SOP) manual and maintain manual in both hard and soft copy.
- 10.10 The supplier will submit the user performance and training feedback form of each participant

11. Spare Parts

1. The Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for all the Equipment and the complete System for a period of 10 (Ten) years on continuing basis and life time spares after 10 years. An undertaking to this effect shall enclose with Technical Bid.
2. The Bidder shall include in his tender, the break-up of essential spares required for efficient maintenance of the supplied System in **Annexure-C3, Chapter-7** and quote their price in **Chapter-5**.

12. Delay in the Suppliers performance

1. Delivery of the Goods and performance of Services including Warranty and Post Warranty Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser. Delay by the Supplier in the performance of its Delivery or Service obligations shall render the Supplier liable to imposition of Liquidated Damages in accordance with **Clause-13** below and thereafter, upon reaching the maximum deduction set out therein, to termination for default in accordance with **Clause-20** below accompanied by forfeiture of Bank Guarantee/Performance Security.
- 12.2 If the bidder fails to supply the equipment's within the stipulated period, the Purchaser reserves the right to purchase the equipment's from open market and difference of bill, if any, will be recovered from the bills of the bidder.

13. Liquidated Damages

If the Supplier fails to deliver any or all the of the Goods or perform the Services within the time period specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, (not by way of penalty) a sum equivalent to 1(one) percent of the price of the delayed goods or unperformed service for each & every week (part of a week being treated as a full week) of delay until actual delivery or performance, up to a maximum deduction of 5% (Five Percent) of the undelivered Equipment/Services.

14. Force Majeure

The Contractor shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if the delay in performance or other failure to perform

its obligations under the contract is a result of an event of Force Majeure. For purposes of the clause, "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include wars or revolutions, fires, floods, epidemics, quarantine restrictions, freight embargoes etc.

15. Patent Indemnification

The Supplier shall indemnify the Purchaser against all third party claims of infringement of patent, copyright, trademark, license or industrial design rights, software piracy arising from use of the goods or any part thereof in the Purchaser's country.

Waiver

Failure or delay on the part of the Supplier or the Purchaser to exercise right or power hereunder shall not operate as a waiver thereof.

Assignability

Neither this Contract nor any rights under it may be assigned by either Party without the express prior written consent of the other Party. However, upon assignment of the assignor's interest in this Contract, the assignor shall be released and discharged from its obligations hereunder only to the extent that such obligations are assumed by the assignee.

Severability

If any portion of this Contract or any of the Contract Documents hereto is held to be invalid, such provision shall be considered severable, and the remainder of this Contract hereof shall not be affected.

Governing Law

This Contract including the Contract Documents shall be governed by and construed in accordance with the laws of India and the Indore Courts shall have jurisdiction in this regard.

Termination for Default

1. The Purchaser may without prejudice to any other remedy for breach of Contract, by Thirty (30) days written notice of default sent to the Supplier and upon the Supplier's failure and neglect to propose and/or execute any corrective action to cure the default, terminate this Contract in whole or in part:
 - i. If the Supplier fails to deliver any or all of the Goods within the time period(s) specified in the Contract; or
 - ii. If the Supplier fails to perform any other obligation(s) under the Contract.

- 20.2 On termination of the Contract for default, the security deposit of the Supplier will be forfeited.
- 20.3 On termination of the Contract for default, action will be taken to black list the Supplier.

21. Termination for Insolvency

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser.

Termination for Convenience

1. The Purchaser shall have the right to terminate the Contract in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of work under the contract is terminated and the date upon which such termination becomes effective.
2. The Goods those are complete and ready for shipment within Ninety (90) days after the Supplier's receipt of notice of termination shall be purchased by the Purchaser at the Contract terms and prices. For the remaining Goods the Purchaser may elect:
 - (a) to have any portion completed and delivered at the Contract terms of prices, and/or
 - (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.
1. **Resolution of Disputes:** In the case of dispute or difference arising between the Purchaser and the Supplier relating to any matter connected with this contract, the same shall be settled through amicable negotiations between a maximum of Two (2) officers nominated by the Competent authority of Indore Police and Two (2) employees nominated by the Supplier, failing which, the dispute shall be submitted to arbitration in accordance with the provisions of the Arbitration and Conciliation Act, and the Arbitrator's decision shall be final & binding. The language of arbitration shall be English. The venue of the conciliation and/or arbitration proceedings as well as legal proceedings shall be only in Indore, India.

SUPERINTENDENT OF POLICE (HQ),
DISTRICT: INDORE.

CHAPTER– 3 BILL OF REQUIREMENT FOR 150NOS. E-CHALLAN SYSTEM

FOR USE IN INDORE POLICE:

HANDHELD DEVICES / Mobile Phones

Sr.No.	Item	Quantity	
1.	Hand Held Device/ Mobile Phone	150	Sets
2.	Micro SD Card, 8 GB	150	
3.	Handheld device Cradle	150	
4.	Extra Battery	150	
5.	Car/Motor Cycle Charger	150	
6.	AC Charger	150	
7.	Cables	150	
8.	Carrying pouches for handheld device / mobile (75 each)	150	
9.	User Manuals	150	

PRINTERS (In case handheld devices does not have built in printers)

Sr.No.	Item	Quantity	
10.	Thermal Printer	75	Sets
11.	Car/Motor Cycle Charger	75	
12.	A/C Main charger	75	
13.	Spare battery	75	
14.	Cables	75	
15.	Carrying Pouch	75	
16.	User Manual	75	

SERVERS

Sr.No.	Item	Quantity
17.	Central server for web based access	1
18.	Router	1
19.	Switch	2
20.	Load balancer	1

Workstations

Sr.No.	Item	Quantity
21.	Workstations	4
22.	Printers	4

AC

Sr.No.	Item	Quantity
23.	1.8/2.1 Ton A/C Split Type (Min 4 * Rating)	3
24.	Automatic Voltage Stabilizer	3

UPS

Sr.No.	Item	Quantity
26.	Online UPS System	1

CHAPTER –4 TECHNICAL SPECIFICATIONS OF HARDWARE

FOR USE IN INDORE POLICE

(Enclose with Technical Bid)

1. GENERIC TECHNICAL SPECIFICATIONS

The system is expected to have following Technical Specifications:-

a. **Hand Held Device:**

- i. Future compatible, upgradable, software and firmware –in hardware as well as software, minimum 800MHz processor.
- ii. Display - 3.5 inches or better, VGA or better with backlit, colour TFT, minimum 240 x 320 resolution
- iii. Navigation for user-friendly operation and control
- iv. GPS enabled
- v. Clear visibility and legibility under direct sunlight
- vi. Sufficient memory to load and run required applications smoothly
- vii. Easy to carry packaging for hand-held device and charger
- viii. Built in charging of at least 8 hrs for hand-held device.
- ix. Optional 2" or better inbuilt printer with long lasting prints for at least 3 years for handheld devices (not applicable in case of mobile phone units which may have optional Bluetooth portable printers for on SPOT challan printing)
- x. Up to 32 GB expandable using SD card
- xi. 3 megapixel or better built-in camera for image capture.
- xii. Should be able to print clear and legible copies of challans
- xiii. Provision of sending challan with option of photo of vehicle on line
- xiv. Automatic recording of place of offence via GPS
- xv. Intuitive GUI which can be touch-screen based for easy, quick and accurate operation
- xvi. Communication with central servers via GPRS/ GSM / 3G or better based on availability.
- xvii. Context sensitive help should be available at every field and combo
- xviii. USB port with data cable. .
- xix. Original user manual with each HH device / mobile phone handset.

B. SPECIFICATION FOR SERVER

a. Central Server for Central Database Center

- i. The server should support industry grade Operating System platforms

- ii. Based on Intel chipset capable of supporting two Quad Core Processor Intel Xeon. To be supplied with minimum 2.4Ghz CPU or higher
- iii. 24 GB DDR3 (expandable to 48GB)
- iv. Two NIC card with 4 x LAN UTP Gbit ports with TCP/IP
- v. Onboard SAS HW RAID controller
- vi. Minimum 2 x 300GB SAS drive
- vii. DVD ROM Drive
- viii. 4 PCI-e expansion slots
- ix. Interface available for VGA, PS/2 and minimum 4 USB ports
- x. Redundant power supply unit and FANs
- i. Integrated remote management port, capable of providing graphical interface, virtual media and multi-factor authentication
- xii. Onboard video controller with 32MB RAM
- xiii. Industry Standard compliance
- xiv. Support for ACPI, PCI 2.3, PXE support, Wake-on-LAN
- xv. Max 4U form factor, rack-mountable with appropriate rack mount kit
- xvi. 17" TFT monitor, standard keyboard and mouse.
- xvii. Printer
- xviii. UPS for back-up

1. Mobile Phone Specifications

Display	Minimum 3.5", TFT, Colour LCD, Full VGA, 640 x 480 resolution or better.
Touch Panel	Glass analog resistive touch screen with screen protectors
Back Light	LED back light
Light Immunity	Readability in sunlight
Key Board	44 Key QWERTY Key Board
Operating System	ANDROID
Memory	Minimum 128 MB RAM and 256 MB Flash
Expansions Slot	Micro SD, 8 GB card to be provided
Communication	CDMA, Triband, GSM, 3G, GPRS, USB, Bluetooth (Compatible with printer)
Smart Card Interface	One ISO-7816 smart card slot for reading smartcard driving licences, RC and permit as per SCOSTA standards.
GPS	Integrated GPS
Network	Intel Ethernet (via Cradle), USB, RS-232

Camera	Inbuilt colour, auto-focus camera of at least 3 mega pixel resolution with flash
Weight including battery	Less than 800 gms
Drop Resistance	Minimum 5 ft. drop on concrete
Environment Resistance	IP54
Operating Temperature	0 degree- 55 degree C
Operating Humidity	5% to 90% RH non condensing
Battery	Long battery life of at least 12 hours of continuous operation. Should be able to issue minimum 150 challans/notices before recharging. One spare battery should be provided with each.
Charging	It should be possible to operate and recharge the device with AC 220 V mains as well as with motor cycle or car battery. Suitable chargers to be provided for both.
Carrying Case	Suitable carrying case/pouch should be provided.
User Manual	Hard copy of user manual to be provided along with each Hand Held device.

2.

1. Hand Held Printer Specifications

Print Speed	3" per second or more
Print Method	Direct thermal
Print Impression	The impression must last for at least one year. Suitable paper should be suggested by the vendor.
Paper size	4" wide
Weight without paper roll	Not more than 500 gms.
Resolution	Minimum 200 dpi
Characters/line	up to 64 characters
Charging	Capable of being operated and charged from AC Mains 230 V as well as from 12 V DC from car or motor cycle. It should be capable of printing uninterrupted while being charged. Suitable charger/adapters should be supplied for both.
Connectivity	Capable of communicating with handheld device on blue tooth or 802.11, USB as well as through suitable data cable.

Data Cables	Suitable data cables should be provided.
Drivers	Suitable driver and other software should be provided for working with handheld device with windows CE 5.0 or higher.
Battery	When fully charged battery should be capable of printing at least 60 challans in triplicate/day and at least 12 hours of standby operation.
Spare Battery	One spare battery should be supplied with each printer.
I P Rating	IP 54
Operating Temperature	0 to 55 degrees C.
Humidity	5% to 90% RH non condensing.
Carrying Case	Suitable carrying pouch capable of being fixed in the waist belt should be provided.
User Manual	Hard copy of user manual to be provided along with each printer.

3.

Server Specifications- APPENDIX- 3

Web Server

Server:	1 Socket — 4 Core
Operating system	The server should support industry-leading Operating System platforms including: <i>Windows Server 2003 (Enterprise Edition)</i> Sun Solaris, HP-UX, IBM-AIX, Linux 32 & 64 bits with clustering support; Virtualization software e.g. Vmware, Xenetc
Chipset	Based on Intel chipset capable of supporting One Quad core Processor Intel Xeon. To be supplied with minimum 2.4Ghz CPU or higher
Memory	8GB DDR2 (expandable to 32GB)
Network	One NIC card with 4 x LAN UTP Gbit ports with TCP/IP
Storage	Onboard SAS HW RAID controller
	Minimum 2 x 300GB SAS drive
	DVD ROM Drive
Expansion slots	4 PCI-e expansion slots

Interface	Interface for VGA, PS/2 and minimum 4 USB ports
Power supply	redundant power supply unit and FANs
Remote Management	integrated remote management port, capable of providing graphical interface, virtual media and multi-factor authentication
Video controller	Onboard video controller with 32MB RAM
Industry Standard compliance	Support for ACPI, PCI 2.3, PXE support, Wake-on-LAN
Form Factor	Max 4U form factor, rack-mountable with appropriate rack mount kit

Work Station Specification-APPENDIX - 4

S.N.	PARAMETER	SPECIFICATION
	Processor	Intel Xeon E 5520 Quad Core (2.26 GHz speed, 8MB cache) or higher processor
	Motherboard & Chipset	Intel E5520 or higher chipset based motherboard with minimum two PCI/PCIx slots, one PCI Express x1 and one PCI Express x16 slots.
	Video	PCI Express x16 Graphics Accelerator Card (minimum 128 bit, 512 MB Onboard Video memory and 25 GBps memory bandwidth)
	Network	Integrated Gigabit Ethernet controller
	Ports	Front: 2 USB 2.0, 1 IEEE 1394a (optional), 1 microphone in, 1 headphone out Rear: 4 USB 2.0, 1 audio in, 1 audio out, 1 microphone in, 2 PS/2, 1 RJ-45 to integrated Gb LAN, 1 serial (optional)
	HDD Controller	Integrated quad port SATA-II controller
	SoundController	Integrated sound controller
	Memory	2x2GB DDRII 800MHz expandable up to 16GB
	Storage	2*250GB or higher SATA II HDD 7200 RPM
	Optical Drive	Dual layer DVD Writer
	Keyboard & Mouse	104 Keys OEM Keyboard and OEM Optical Scroll Mouse with Mouse pad
	Monitor	19" TFT (4:3 aspect ratio) LCD Flat Monitor 1280 x 1024 resolution with 5 ms or better response time, TCO 03 certified
	PowerManagement &DMI	System with Power management features & Desktop Management Interface implementation

	System Chassis	chassis with suitable power supply with active power factor correction to sustain full load including possible future up gradations and with minimum two free internal peripheral bay (3.5") and two external bays
	Operating System	Windows 7

Color Printer Specification - APPENDIX – 5

S.No.	PARAMETERS	SPECIFICATION
1	Print speed(best quality mode)	Minimum 15 ppm
2	Monthly duty cycle	Minimum 40000 pages
3	Required monthly print volume	1000 to 3000 pages
4	Print quality	600 x 600 dpi or higher
5	Connectivity, standard	Hi-Speed USB 2.0 (compatible with USB 2.0 specifications)
6	Compatible Operating Systems	Windows 200; Windows XP Home; Windows XP Professional; Windows Server 2003; Windows Vista(TM) Ready or higher
7	Operating temperature	50 to 81° F
8	Other	Power cable; 100-sheet multipurpose tray; 250-sheet input tray.

Router -APPENDIX - 6

S.No.	PARAMETERS	SPECIFICATION
1.		1 Service Engine card w/512 SDRAM and 4 10/100/1000 ports and base software image including Firewall, VPN, and IDS/IPS services

SWITCH

S.N.	PARAMETERS	SPECIFICATION
1.		24 port 10/100/1000 Mbps, 48Gbps switching capacity

ON-LINE UPS -APPENDIX-7

S.N	PARAMETERS	SPECIFICATION
1.	Capacity	7.5 KVA,
	Battery Backup	120 Minutes on full load
2.	GENERAL	
	Inverter Technology	Pulse Width Modulation (PWM) using IGBTs double conversion.
	Switching Frequency	20 Khz or higher
	Total Harmonic Distortion (THD)	<2% for 100% linear load <5% for 100% non-linear load
	Noise Level	Less than 55 db
	Operating Temperature	0 ^o – 50 ^o C
	Crest Factor	Not less than 3:1 on full non-linear load
	Humidity	Upto 95% non-condensing
	Output Wave Form	Pure Sinewave
	Cold Start facility	Required
	Cooling	Forced Air cooled
3.	Input	
	Voltage	220 V, AC Single Phase + Ground
	Voltage Range	160 VAC to 270VAC
	Frequency Range	50 ± 6% Hz
	Input Power Factor	> 0.9 at full output load with Active power factor correction (APFC)
	Distortion	Less than 5% (Voltage Distortion)
		Compatible to D/G set

4.	OUTPUT	
	Voltage	220 VAC \pm 1%, Single Phase
	Regulation	Less than \pm 1% in the following conditions No load to full load/ full load to no load. 0.6 lag to Unity PF During Entire Backup time Complete Input Voltage Range 5. Input Frequency from 47 to 53Hz
	Frequency	a) 50 Hz \pm 0.5%
5.	Efficiency	
	Overall Efficiency	80% or better on rated full load & 230V, 50 Hz output
	Inverter Efficiency	90% or better on rated full load & 230V, 50 Hz output
6.	Overload Capacity	110% for 2 min. & 125% overload for 30 secs.
7.	Power Factor	0.8 lagging
8.	Transient Response Time	For 100% load change, output will remain within \pm 1% and recovery within 20 m.sec.
9.	Protection	<u>Required for:</u>
		Short Circuits
		Over Loading
		Over Temperature
		Input low/ high voltage control
	DC low/high voltage trip	
Environmental	IP-31	
10.	Battery Bank Details	
	Battery Type	Sealed Maintenance Free
	Battery Make	CSB / Panasonic / Global Yuasa/ Base/ Orchid / NICS I Empanelled (OKAYA/ Power Plus)
	Battery recharge time(after complete discharge to 100% charge)	Battery Recharge time should not exceed 8 hours

	Battery Cut off voltage during backup	Not less than 10.5		
11.	Battery Capacity	Capacity of UPS	D.C. Bus Voltage	Battery bank of Back-up Time
				120 minutes on full load
		7.5 KVA	≤ 240V	
	Battery life	Replacement warranty for 12 months.		
	Battery Housing	A suitable battery cabinet matching the UPS enclosures mounted on castor wheels		
12.	L.C.D./LED Meters	To measure and monitor input voltage, output voltage, output current, DC current, DC voltage, input/ output frequency		
13.	Indications	Mains on Load on Battery Inverter Battery level Load level Inverter over load		
14.	Audible Alarm	Over Temperature Main failure Battery low Inverter Overload		
15.	Switches	Main ON/ OFF MCB, Battery ON/OFF MCB, Inverter push button with reset.		
16.	Output connection	O/P Terminals of standard quality should be provided. 03 Nos. of 5/15A/230V female ISI Mark and all 3 sockets should also be provided in addition to the O/P terminals.		
17.	SNMP Support	All the capacity of UPS should have option to support SNMP.		

ENVIRONMENTAL CONDITIONING -APPENDIX - 8

Server room temperature should be maintained at 21⁰ C ± 2⁰. For this 3 Split type air conditioner of 2 ton each as per following specifications should be provided.

S.N.	PARAMETER	SPECIFICATION
	Cooling Capacity (Tonnes)	2.0
	Energy Efficiency Ratio (EER)	8.2 or better
	Compressor Type	Rotary
	Refrigerant Gas	R-22
	Temperature Control	Digital
	Remote Control	Infrared remote control
	Voltage (Volts)	220
	Frequency (Hz)	50
	Phase	1
	Automatic Voltage Stabilizer	To be provided
	BEE India Star Rating	At least 4 star rating
	BIS conformance	Conforming to IS 1391

Functional Requirement Specifications Of The System - Appendix – 9

1. The whole system will work in client – server mode where 150 hand devices /mobile phone units will work as clients connected with server through GPRS for data transfer. The system should be scalable for 2500 devices, which may be added later on. Suitable number of IP Addresses for server will be acquired in the name of Indore Police for the system by the vendor.
2. In case of hand held units with built in printers, challan printing will be done ON spot and copy of challan is sent to central server with a unique identification number (retrievable by user) along with GPS location, SPOT picture and defined fields entries. While in case of mobile phone units, ANDROID App will allow officers to do everything same except the print activity will be done at server side or may be optional Bluetooth printers can add on to system for additional on spot printing.
3. In case of handheld device with built in printer, on spot challan printing will be done and in case of ANDROID mobile handsets, an echallan will be generated at server side for print based on data sent by mobile application on SPOT.
4. The database must be maintained in the industry standard and recognized database management system.
5. Depending on availability, system will have facility to retrieve vehicle owners details and vehicle data which can be used to minimize data entry. This can be done if API connection becomes possible from RTO web server.

6. The login authentication of the user using the hand held device should be done locally, so that device is usable even when there is no GPRS connectivity. Login/password should be saved in hand held device/mobile phone till connectivity is restored with the server. Server should maintain log of all current users and unique identification or IMEI number of hand held device/mobile phone. Any access to the system must be recorded along with date, time, MAC address/Handheld device number, user ID and IP Address.
7. Whenever any traffic police officer is suspended, dismissed or for any other reason is disqualified, when blocked from server, the officer should be disqualified to access the device or system.
8. The client software in Hand Held device should be capable of printing required number of copies of on the spot challan, court challan, input traffic violation notice and receive payment for pending notices even in the absence of GPRS data connectivity. Sample formats of various kinds of challans/notice may be seen at Annexure-A. In case of ANDROID mobile units, challaning activity will be done and printing will be handled at server side for echallan dispatch.
9. While filling challans in handheld device it should be possible to go back to previous screen any time, edit the data and come back to present screen. Print preview should be possible.
10. Certain fields such as name of driver, registration number of vehicle, offence type, date, time and location should be mandatory. In case of notice files such as registration number of vehicle, offence type, date, time, location, make and colour should also be mandatory fields. No notice or challan should be generated without filling these mandatory fields. The fields to be captured while issuing challan/ court challan may be seen at Annexure- AA.
11. Input data validation as per defined rules, must take place in the handheld device itself through client software to eliminate errors prior to transfer into the database.
12. A unique challan number should be generated through client software for each challan. (Example device code/circle code/year/unique serial number). The server must assign a separate primary key for each challan uploaded on the server.
13. Traffic officers should be able to issue challans only for offences they are authorized as per their rank.
14. As soon as a vehicle registration number is entered, the handheld device should automatically check from the server if the vehicle is stolen, wanted in any criminal case or is in the list of suspicious vehicles. (conditional to the database availability for stolen vehicles etc.)
15. The most frequent traffic offences should be kept at the top in the drop down menu and offence ingredients should be available if required by officer.
16. Date, time and GPS coordinates of place of challan should be automatically populated in the relevant fields of client software.
17. Compounding amount must populate in the field automatically from master table. Compounding amount must appropriately increase as per Motor Vehicle Act for repeat offenders. This field should not be editable by the traffic officer.
18. After a challan has been printed, the officer should not be able to change or delete any challan data even when there is no connectivity and the data has not been pushed to central server.
19. Hand Held device users, other users who are connected with server and administrator should have full rights to change their password. Passwords must travel to server in encrypted form.
20. User forms and GUI of client and server software must be intuitive and easy to use and require minimal training. GUI should have menu driven combo boxes, radio buttons etc. to minimize number of keystrokes.
21. At any stage, context based help should be available to the user using the device. General help files should also be available in device.
22. The client application should be capable of storing data locally for at least 100 challans when off line. Data synchronization with server should take place automatically whenever

network is available. It should also be possible to export the data to PC via USB port or data cable.

23. Database should be able to concurrently handle, operate and maintain all users which may go up to 2500, with capacity of handling 75 lakh ownership data and huge database size of prosecution of the size of 50 lakh challans per year with capacity to retain prosecution history for 5 years. Annual increase in vehicles and challan etc. could be 10 %.
24. There should be administration module where in different users or group users, having various rights and privileges as defined by administrator under IT policy ,can be created,. Only role based access to data base and server should be permitted.

Software should have facility to add and manage e-challans. It should be compatible and connected with mobile e-challan upload application. It should have traffic specified input fields like location (GPS based) with provision of entry, Officers detail who is making challan, Vehicle number, drivers detail / license number in case of in person SPOT challan, date and time of challan, picture(s) upload, offense type with dynamic challan amount and DHARA.

Separate managable/ configurable masters for Challan type (offense type) with amount and DHARA specified.

Provision in iframe to open transport department website for searching and putting names and address details of owner of vehicle.

At later stage software should be scalable or made compatible to retrieve data from transport website automatically using API / Web services etc.

Software should have reports like challans made in a date range, filtered by offense type, mapped on Google for digital mapped analysis, number of Challans made for a particular person/ driving license number, number of paid / unpaid traffic e-challans, challans made by particular officer or all by showing respective numbers of challans.

With a provision of entering chesis and engine number in challan entry form or may be by pulling sich data from MP transport website (separate permission and coding required), report for matching vehicle number for a chesis or engine number can be verified.

With provision of vehicle type like commercial or private either entry can be made in challan form or same can be retrieved from transport website for reporting, verification and action about wrong permit, consecutive challans for a particular vehicle etc.

Report in detail and in POP UP manner at the time of making challan of any vehicle showing any previous challans for the same person / vehicle.

Facility for integrating with criminal details already placed in Digital Crime Mapper having criminals records of past many years, to verify Drivers Character Verification in case of commercial vehicle license.Date and Time stamping on each report generated from the system.

25. The data transmitted using the GSM/CDMA/ GPRS or any other technology from the device to the server should be using the HTTPS (Hyper Text Transfer Protocol secure).
26. Software should be able to customized as per user requirement as and when required. Change request may be chargeable but vendor should provide all updates and upgrades and software bug fixing free of cost during warranty and subsequent AMC.

7	Cables	150 sets							
8	Carrying pouches for handheld device	150							
9	User Manuals	150							

PRINTERS

10	Thermal Printer	150							
11	Car/Motor Cycle Charger	150							
12	A/C Main charger	150							
13	Spare battery	150							
14	Cables	150 sets							
15	Carrying Pouch	150							
16	User Manual	150							

SERVERS

17	Central Web Server	1							
21	Router	1							
22	Switch	2							
23	Load balancer	1							

Workstations

22	Workstations	4							
23	Printers	4							

AC

24	2 Ton A/C Window Type	3							
----	-----------------------	---	--	--	--	--	--	--	--

25	Automatic Voltage Stabilizer	3							
UPS									
26	Online UPS System	1							

- NOTE: -**
1. **RATE SHOULD BE OFFERED ONLY FOR ONE MODEL.**
 2. **OPTIONAL BID WILL NOT BE ENTERTAINED AS CLARIFIED IN CLAUSE NO.11.5 OF CHAPTER-I (INSTRUCTIONS TO BIDDERS).**
 3. **NO CONDITIONS SHOULD BE INSERTED IN THE COMMERCIAL BID AS CLARIFIED IN CLAUSE NO. 11.4 OF CHAPTER-I (INSTRUCTIONS TO BIDDERS).**

It is hereby certified that we have understood all the terms and conditions specified in the tender document and are thoroughly aware of the nature of job required to be done and goods/items to be supplied. We agree to abide by all the tender terms and conditions.

We hereby offer to carry out the job and (or) supply the goods/items detailed above or such portion(s) thereof as you specify in the notification of award.

(Signature and seal of Bidder)

Dated: _____.

ANNEXURE-C1

BIDDER PARTICULARS

(Enclose with Technical Bid)

- 1. Name of the Bidder :
- 2. Address of the Bidder :
- 3 Name of the Manufacturer(s) :
- 4. Address of the Manufacturer :
- 5. Name & address of the person :
to whom all references shall be
made regarding this tender
enquiry.
Telephone :
Fax :
E-mail :

Witness:

Signature-----
Name -----
Address -----
Date -----

Signature -----
Name -----
Designation -----
Company Seal -----
Date -----

ANNEXURE-C2

BID FORM

(Enclose with Technical Bid)

Date: ___/___/___

The SUPERINTENDENT of Police(HQ), Indore

Sir,

Having examined the Bid Documents of **TENDER FOR THE PURCHASE OF 150 NOS. E-CHALLAN SYSTEM FOR USE IN INDORE POLICE** We, _____, offer to supply and deliver _____

(Name of the Firm)

(Description of Goods and Services)

in conformity with the said tender provisions for sums as may be ascertained in accordance with the Schedule of Prices provided in the Commercial Bid.

We undertake, if our bid is accepted, to complete delivery, installation and commissioning of the equipment as per the schedule specified in the Tender.

We further undertake that, if our bid is accepted, we will obtain the Guarantee of a Commercial Bank in a sum equivalent to 10% of the Contract Price for the due Performance of the Contract as per **terms and conditions** of the Tender.

We agree to abide by this bid for a period of 180 days from the date fixed for bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period. This bid together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We have agree to abide by terms and conditions in the same.

We understand that you are not bound to accept the lowest or any bid you may receive. We also understand that you have the right to vary the quantities and/or split the total order among the Bidders and/or procure the available and compatible items/ equipments under DGS&D Rate Contract.

SIGNATURE AND SEAL OF BIDDER

ANNEXURE – C3

G U A R A N T E E

(Enclose with Technical Bid)

To

The SUPERINTENDENT of Police (HQ),

Indore

Ref: **TENDER FOR THE PURCHASE OF 150 Nos. E- CHALLAN SYSTEM FOR USE IN INDORE POLICE**

Sir,

We guarantee that everything to be supplied and fabricated by us hereunder shall be brand new, free from all encumbrances, defects and faults in material, workmanship and manufacturer and shall be of the highest grade and quality and consistent with the established and generally accepted standards for materials of the type ordered and shall be in full conformity with the specifications, drawings or samples, if any, and shall operate properly. We shall be fully responsible for its efficient and effective operation. This guarantee shall survive inspection of and payment for, and acceptance of the goods, but shall expire **36 months** after their acceptance by the Purchaser.

The obligations under the Guarantee expressed above shall include all costs relating to labour, repair, maintenance (preventive and unscheduled), and transport charges from site to manufacturers' works and back and for repair/adjustment or replacement at site of any part of the equipment/ item which under normal care and proper use and maintenance proves defective in design, material or workmanship or fails to operate effectively and efficiently or conform to the specifications and for which notice is promptly given by the Purchaser to the Supplier.

SIGNATURE OF THE WITNESS

SIGNATURE AND SEAL OF BIDDER

DATE _____

ANNEXURE – C4

CHECK LIST - TECHNICAL BID

(Enclose with Technical Bid)

- | | |
|--|--------|
| 1. Have you purchased the tender document? | Yes/No |
| 2. Have you furnished bidder's particulars as per Annexure-C1? | Yes/No |
| 3. Have you furnished Bid Form (Annexure-C2)? | Yes/No |
| 4. Have you furnished tender fee? | Yes/No |
| 5. Have you furnished Bid Security (Earnest Money)? | Yes/No |
| 6. Do you fully comply with Technical Specifications? | Yes/No |
| 7. Are you offering the goods & services as per delivery schedule? | Yes/No |
| 8. Have you furnished the copy of Manufacturer's/
Authorized Distributor Certificate? | Yes/No |
| 9. Have you quoted for all the items of the tender? | Yes/No |
| 10. Have you enclosed Sales Tax/VAT Registration and
Clearance Certificates? | Yes/No |
| 11. Have you furnished the certificate for supply of spares in
the post warranty period? | Yes/No |
| 12. Have you signed and sequentially numbered each page of your Bid? | Yes/No |
| 13. Have enclosed the certificate as per clause 11.3 of Chapter-1?
Yes/No | |
| 14. Have enclosed the certificate as per clause 11.1 of Chapter-2?
Yes/No | |
| 15. Have enclosed the certificate as per clause 8.2 of Chapter-2? | Yes/No |
| 16. Have enclosed the certificate as per clause 2.6 of Chapter-1? | Yes/No |
| 17. Have enclosed the Terms & Conditions duly signed/stamped? | Yes/No |
| 18. Have enclosed Customer Satisfaction Reports duly signed by
customers for which experience is stated | Yes/No |

ANNEXURE- C5

BID LETTER

(Enclose with Commercial Bid)

To

The SUPERINTENDENT of Police(HQ),
Indore

Ref: **TENDER FOR THE PURCHASE OF 150 NOS. E- CHALLAN SYSTEM FOR USE IN INDORE
POLICE**

Sir,

We declare:

1. a) That we are manufacturers / authorized agents of _____.
b) That we /our principals are equipped with adequate machinery for production, quality control and testing of materials manufactured and used by us and that our factory is open for inspection by your representatives.
2. We hereby offer to supply the Goods at the prices and rates mentioned in the Commercial Bid at **Chapter 5**.
3. Period of Delivery: We do hereby undertake, that in the event of acceptance of our bid, the **supply of the equipments** shall be completed at site within **stipulated period** from the date of Award of Contract, and that we shall perform all the incidental services as per contract.
4. Terms of Delivery: The prices quoted are inclusive of all charges up to delivery at all the location (site) to be indicated by Indore Police.
5. We enclose herewith the complete Commercial Bid as required by you and also enclosed the Check List.
6. We agree to abide by our offer for a period of **180 days** from the date fixed for opening of the Commercial Bids and that we shall remain bound by a communication of acceptance within that time.
7. We have carefully read and understood the terms and conditions of the tender and the conditions of the Contract applicable to the tender and we do hereby undertake to supply as per these terms and conditions.
8. Certified that the Bidder is:

a sole proprietorship firm and the person signing the tender is the sole proprietor/constituted attorney of the sole proprietor.

or

a partnership firm, and the person signing the tender is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney.

or

a company and the person signing the tender is the constituted attorney.

NOTE: Delete whatever is not applicable. All corrections/ deletions should be duly attested by the person authorized to sign the tender document.

9. We do hereby undertake, that until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and placement of letter of intent awarding the contract, shall constitute a binding Contract between us.

Dated this _____ day _____ of _____ 2012.

Signature of the Bidder

Details of enclosures:

Full address:

Telephone

Fax No.

Mobile No.

Email address:

ANNEXURE- C6

PROFORMA FOR CONTRACT PERFORMANCE BANK GUARANTEE

(To be stamped in accordance with Stamp Act)

Bank Guarantee No _____

Date _____

Ref _____

To,

The SUPERINTENDENT of Police (HQ),
Indore

Dear Sir,

In consideration of the SUPERINTENDENT of Police (HQ), Indore (hereinafter referred to as the 'Purchaser' which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assignees) having awarded to M/s _____ with its Registered/ Head Office at _____ (hereinafter referred to as the 'Contractor' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assignees), a Contract by issue of the Purchaser's letter of intent No. _____ dated ___/___/___ entering into a formal contract to that effect with the Purchaser on _____vide Agreement No. _____ (hereinafter referred to as the "Contract") and the Contractor having agreed to provide a Contract Performance Bank Guarantee for the faithful performance of the entire Contract equivalent to _____ * _____ Ten percent of the said value of the Contract to the Purchaser.

We _____ (Name & Address of the bank) having its Head office at _____ (hereinafter referred to as the 'Bank' which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assignees) do hereby guarantee and undertake to pay the Purchaser, on mere demand any and all moneys payable by the Contractor to the extent of Rs _____ * _____ as aforesaid at any time upto _____ (day/month/year) without any demur, reservation, contest, recourse or protest and/or without any reference to the Contractor. Any such demand made by the Purchaser on the Bank shall be conclusive and binding notwithstanding any difference between the Purchaser and the Contractor or any dispute pending before any court, Tribunal, Arbitrator or any other authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the Purchaser and further agrees that the guarantee herein contained shall continue to be enforceable till the Purchaser discharges this guarantee.

The Purchaser shall have the fullest liberty without affecting in any way the liability of the bank under this guarantee, from time to time to extend the time for performance of the contract by the Contractor. The Purchaser shall have the fullest liberty, without affecting the guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Contractors, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied in the Contract between the Purchaser and the Contractor or any other course or remedy or security available to the Purchaser. The bank shall not be relieved of its obligations under these presents by any exercise by the Purchaser of its liberty with reference to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Purchaser or any other indulgence shown by the Purchaser or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the bank.

The Bank also agrees that the Purchaser at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the

Contractor and notwithstanding any security or other guarantee that the Purchaser may have in relation to the Contractor's liabilities. We undertake to pay to the Government any amount so demanded by the Government, notwithstanding.

- a. any dispute or difference between the Government or the Contractor or any other person or between the Contractor or any person or any suit or proceeding pending before any court or tribunal or arbitration relating thereto; or
- a. the invalidity, irregularity or un-enforceability of the contract; or
- c. in any other circumstances which might otherwise constitute discharge of this Guarantee, including any act of omission or commission on the part of the Government to enforce the obligations by the Contractors or any other person for any reason whatsoever.

We, the Bank further agree that the guarantee herein contained shall be continued on and remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till the Purchaser, certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

We _____ hereby agree and undertake that
(indicate the name of the bank)

any claim which the Bank may have against the Contractor shall be subject and subordinate to the prior payment and performance in full of all the obligations of the Bank hereunder and the Bank will not without prior written consent of the Government exercise any legal rights or remedies of any kind in respect of any such payment or performance so long as the obligations of the Bank hereunder remain owing and outstanding, regardless of the insolvency, liquidation or bankruptcy of the Contractor or otherwise howsoever. We will not counter claim or set off against its liabilities to the Government hereunder any sum outstanding to the credit of the Government with it.

Notwithstanding anything contained herein above our liability under this guarantee is limited to total amount of Rs _____*_____ and it shall remain in force upto and including _____**_____ and shall be extended from time to time for such further period as desired by M/s _____ on whose behalf this guarantee has been given.

Dated this _____ day of _____ 2012 _____ at

WITNESS

(Signature) _____

(Signature) _____

(Name) _____

NAME _____

(Banker's Rubber Stamp) _____

(Official address) _____

Attorney as per Power of Attorney _____

* This sum shall be ten percent (10%) of the Contract Price.

** The date will be 03(three) year and six months from the date of award of the contract. In case of Bank guarantee issued by a Foreign Bank, the same shall be confirmed by any Scheduled Bank in India.

ANNEXURE – C7

CHECK LIST - COMMERCIAL BID

(Enclose with Commercial Bid)

- | | |
|---|--------|
| 1. Have you furnished the Bid Letter? (Annexure C 5, Chapter 6) | Yes/No |
| 2. Have you filled in the Price Schedule? (Chapter 5) | Yes/No |
| 3. Have you quoted for all the items as per Chapter 3? | Yes/No |

ANNEXURE-C8

OFFICE OF THE SALES TAX / VAT OFFICER, WARD-

SALES TAX / VAT DEPARTMENT, _____

No. _____ Dated _____

SALES TAX / VAT CLEARANCE CERTIFICATE

Certified that M/s _____

_____ are registered
manufacturer/distributor of this ward having Registration No. _____

The manufacturer/distributor is assessed upto _____ and there are no dues pending against the said manufacturer/distributor as on date.

This certificate is issued on the written request of the manufacturer/distributor, dated _____ for submission to Govt./Semi Govt. for tender purpose only. This Certificate is valid up to _____.

SALES TAX / VAT OFFICER

WARD –

DATED

G-24763