

TENDER No: \_\_\_\_\_

**POLICE DEPARTMENT**



**I. TOP SHEET**

**SINGLE BID SYSTEM**

1. Tender Notice No. : Office of the Deputy Inspector General of Police,  
Technical Services, Mylapore, Chennai-4.  
**FAX No.(044) 2844 7781.**
2. Cost of the Tender Document for : Rs.525/- (Rs.500/- + VAT Rs.25/-)  
each item. [Additional Rs.75/- for postage]
3. Name of the Item : Handheld devices to implement the E-Challan  
System
4. EARNEST MONEY DEPOSIT : Rs.90,000/-
5. Last date and time for submission  
of tender : 11.03.2012 at 02.00 PM
6. Date and time of opening : 11.03.2013 at 03.00 PM
7. Name and address of the party :  
to whom tender document sold.
8. Chief Office Ref. No. : RC. No: 222912/MPF 2 /2012 dt 22.02.2013
9. Enclosure : Specifications of the article /  
equipment is furnished as per schedule

**TENDER INVITING AUTHORITY**

**SIGNATURE OF THE TENDERER/S  
WITH DATE & SEAL**

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TENDER No:

**II. UNDERTAKING FOR THE EXECUTION OF THE PROJECT**

To  
The Governor of Tamil Nadu,

represented by

The Deputy Inspector-General of Police,  
Technical Services,  
Police Headquarters, Mylapore,  
Chennai-4.

I, \_\_\_\_\_ of \_\_\_\_\_ hereby contract and agree on the acceptance of this Tender to supply to the Government of Tamil Nadu (hereinafter referred to as "the Government") in accordance with the conditions of contract stated below, the articles specified in the schedule below of the quality of sort and at the rate of price therein specified and I hereby forward a sum of Rs. 90,000 (in words) Ninety thousand rupees only deposited as Earnest Money at the 1% of the total cost of the equipments / materials to be returned to me if this tender is not accepted.

I have gone through important tender conditions and format of contract agreement and hereby agree to abide with the important conditions with regard to Evaluation & Testing, Supply, Penalties for delay in execution of project and sign the contract which include the conditions in the format of contract agreement

I hereby state that the validity of the price quoted by me will be for 12 months from the date of the opening of the bid.

I understand that non submission of mandatory details and/or submission of unsigned schedules as prescribed in the tender document will lead to summary rejection of the tender bid.

I hereby undertake to supply the necessary lifetime spares required to maintain the equipments for a period of 7 years after the expiry of the warranty period.

I hereby undertake that any defect/failures of equipment, during the warranty period, will be rectified within 48 hours. I understand that penalty will be imposed at the rate of 0.5% of the cost of failed equipment per week for the period if the rectification is done after 48 hours.

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### **III A. SCHEDULE OF PRODUCT DESCRIPTION FOR HARDWARE COMPONENTS**

I agree to supply the following items as per the product description provided by me below-  
(List of items to be inserted by the tendering authority)

**Instructions:** Please provide make and model for readymade hardware items and brand and name of the software and version for the readymade softwares.

| <b>Name of the article</b> | <b>Type of the article</b> | <b>Product description</b>                                 | <b>Name of OEM/ODM and country of manufacture with address and place of manufacture</b> | <b>Standardisation certification enclosed</b> |
|----------------------------|----------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------|
| 1.Hand Held Terminal       | Finished Product           | To be filled by the tenderer for each item in separate row | To be filled by the tenderer                                                            | To be filled by the tenderer                  |
| 2.Computer                 | Finished Product           |                                                            |                                                                                         |                                               |
| 3. Laser Printer           | Finished Product           |                                                            |                                                                                         |                                               |
| 4.800VA UPS                | Finished Product           |                                                            |                                                                                         |                                               |

*(Details of Name of the work and Objective of the project are to be enclosed by the tender inviting authority).*

1. If specific make and model is not mentioned in the above table, it will lead to summary rejection of the bid.
2. Tenderer must be an OEM (Original equipment Manufacturer) or the authorized dealer. Relevant certificate should be enclosed.

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**III B. SCHEDULE FOR PRODUCT DESCRIPTION OF PROJECT-**  
**FABRICATED HARDWARE & MADE-TO-ORDER SOFTWARE COMPONENTS**

| <b>Name of the article</b>                                           | <b>Type of the article</b> | <b>List of the product description required to be submitted</b>                                                                                                      | <b>Details of the documents enclosed by the bidder</b> |
|----------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Application software and E- challan Software with antivirus updation | Integrated software        | It should be separate compatible and provide as per model E Traffic challan of ITMS front view(Annexure–A enclosed) for 5 Commissionerate and kancheepuram district. |                                                        |

1. If mandatory design documents as prescribed above are not included, it will lead to summary rejection of the bid.
2. Bidder shall also submit the composition of development team and past project experience in case of made-to-order software)

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### **III C. SCHEDULE FOR TIME OF COMPLETION OF PROJECT AND TRAINING**

#### **Time Schedule**

The following shall be the time schedule for completion of the proposed project.

| Sl.No. | Type of work                                                                                                      | Estimated time schedule for completion | Bidders commitment for time schedule |
|--------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|
| 1.     | Acceptance of Provisional order                                                                                   | Day 1                                  |                                      |
| 2.     | Date of entering into the contract agreement from the issue of Provisional order                                  | Day 1 + 15 days                        |                                      |
| 3.     | Supply and installation of equipments at respective sites to be made from the issue of Provisional Purchase order | Day 1 + 75 days                        |                                      |
| 4.     | Acceptance of the system within next 15 days                                                                      | Day 1 + 90days                         |                                      |
| 5.     | Trail run for one month and handing over of the system within next one month                                      | Day 1 + 120 days                       |                                      |

I agree to abide by the above schedule and understand that penalty will be imposed as follows in case of failure to meet above schedule.

| Delay        | Rate of penalty                   |
|--------------|-----------------------------------|
| Upto 2 weeks | 0.5% of the project cost per week |
| 3-10 weeks   | 1% of the project cost            |
| 11-13 weeks  | 2% of the project cost            |

#### **Training**

The Tenderer shall undertake to impart training for totally 10 Technical personnel of the Department at factory site / concern COP for one week with training materials on operation and maintenance of the system and the equipment at free of cost. Three days on site training on operation of the different equipment to two batches of 25 field Officers and men.

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**III D. SCHEDULE FOR PRODUCT DESCRIPTION OF PROJECT AND  
PROJECT TEAM DETAILS**

| Details required                                                                                                                                                  | Details (To be filled by the bidder) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Details of infrastructure available for manufacture of equipment required for the project.                                                                        | 1)<br>2)<br>3)                       |
| Details of qualified technical personnel available for manufacture, installation and commissioning. (Name, qualification and experience and Contact phone number) | 1)<br>2)<br>3)                       |
| Project officer who will be handling the above project (Name, qualification and experience and Contact phone number)                                              |                                      |

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**III E. SCHEDULE FOR PREVIOUS PROJECT EXPERIENCE DETAILS**

| NAME OF THE PROJECT | PROJECT EXECUTED FOR                                                                                                                                                                                                                                                                  | DETAILS (TO BE FILLED BY THE BIDDER) | STAGE OF THE PROJECT AND ITS OPERATIONAL STATUS (PROOF TO BE ENCLOSED) |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------|
|                     | Name of the Government agencies and other organizations, to whom the supply installation and commissioning of similar systems were made in the preceding three years (enclose copy of purchase orders and other documents)for more than 100 Numbers in a single order for eligibility |                                      |                                                                        |

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**IV. SCHEDULE FOR COMMERCIAL BID**

**Pricing Schedule**

| Sl. No                                                                                                      | Name of the article                                                                  | Basic Price | Value Added Tax VAT | Other taxes, levies, charges including Customs duty, Excise duty etc. (specify the type of tax/charge and the amount for each such item) | Total including all taxes, levies and charges except VAT | Total including VAT and all other taxes, levies and charges | Approx Qty required.                          | Grand total for entire quantity including all taxes, levies and charges except VAT | Grand total for entire quantity including all taxes, levies and charges and VAT |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 1.                                                                                                          | Handheld terminal with inbuild thermal printer                                       |             |                     |                                                                                                                                          |                                                          |                                                             | 90                                            |                                                                                    |                                                                                 |
| 2.                                                                                                          | GSM/ GPRS connectivity for 3 years                                                   |             |                     |                                                                                                                                          |                                                          |                                                             | 90 hand held terminals                        |                                                                                    |                                                                                 |
| 3                                                                                                           | E-Challan application Device software with required data base                        |             |                     |                                                                                                                                          |                                                          |                                                             | 90 user                                       |                                                                                    |                                                                                 |
| 4                                                                                                           | Desk top Computers                                                                   |             |                     |                                                                                                                                          |                                                          |                                                             | 06                                            |                                                                                    |                                                                                 |
| 5                                                                                                           | Central E-challan Management software with Minimum 6 client including remote access. |             |                     |                                                                                                                                          |                                                          |                                                             | As per user requirement.                      |                                                                                    |                                                                                 |
| 6                                                                                                           | Laser Printer                                                                        |             |                     |                                                                                                                                          |                                                          |                                                             | 06                                            |                                                                                    |                                                                                 |
| 7                                                                                                           | 800 VA UPS                                                                           |             |                     |                                                                                                                                          |                                                          |                                                             | 06                                            |                                                                                    |                                                                                 |
| 8                                                                                                           | Thermal Printer roller ( for 90 Handheld terminals)                                  |             |                     |                                                                                                                                          |                                                          |                                                             | 10 / month ( per HH terminal) for 3 years     |                                                                                    |                                                                                 |
| 9                                                                                                           | Toner cartridge for Laser printer (for 3 years)                                      |             |                     |                                                                                                                                          |                                                          |                                                             | every 2 months for all the 6 terminal station |                                                                                    |                                                                                 |
| 10                                                                                                          | Antivirus for Handheld terminal                                                      |             |                     |                                                                                                                                          |                                                          |                                                             | For 90 Handheld                               |                                                                                    |                                                                                 |
| 11                                                                                                          | Integration charges with existing challan system (if any)                            |             |                     |                                                                                                                                          |                                                          |                                                             | As required                                   |                                                                                    |                                                                                 |
| 12                                                                                                          | Installation, and commissioning with accessories (if any)                            |             |                     |                                                                                                                                          |                                                          |                                                             |                                               |                                                                                    |                                                                                 |
| Note: Tenderer is requested to quote if any additional component/equipment is needed to fulfill the project |                                                                                      |             |                     |                                                                                                                                          |                                                          |                                                             |                                               |                                                                                    |                                                                                 |

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### **V. SCHEDULE FOR SPECIFICATIONS OF THE PRODUCT QUOTED**

I hereby provide the specification of the products which I intend to supply

Article: **HAND HELD TERMINAL**

**QTY: 90 Nos**

| <b>S.No</b> | <b>Parameter</b>                       | <b>Requirement as per the tender specification<br/>(To be filled in by tender inviting authority)</b>                                        | <b>Specification of the product intended to be supplied<br/>(To be filled in by bidder)</b> |
|-------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1.          | Device Type                            | Portable Handheld E-Challan device with inbuilt Thermal printer                                                                              |                                                                                             |
| 2.          | Processor                              | 32 bit ARM CPU/ PXA CPU or better OEM processor                                                                                              |                                                                                             |
| 3.          | Touch panel                            | Resistive or higher touch screen                                                                                                             |                                                                                             |
| 4.          | Memory                                 | Minimum 128MB RAM / 256 MB ROM                                                                                                               |                                                                                             |
| 5.          | Expansion Slot                         | SD slot for removable memory cards along with minimum 2GB Card                                                                               |                                                                                             |
| 6.          | Display                                | 3.5" Color LCD, QVGA Resolution (320 x 240) with backlight or better                                                                         |                                                                                             |
| 7.          | Keypad                                 | Alphanumeric and customized function keys / Qwerty keys                                                                                      |                                                                                             |
| 8.          | Interface                              | USB (Host/ client ) or better                                                                                                                |                                                                                             |
| 9.          | Connectivity support                   | GSM/GPRS/EDGE (Quad band: 850/900/1800/1900MHz) data connectivity with 3 years support                                                       |                                                                                             |
| 10.         | Magnetic Card Reader                   | Bi-directional 3 Track swipe reader compliant to ISO 7811, ISO 7813                                                                          |                                                                                             |
| 11.         | Camera                                 | 2 Mega pixel or higher resolution color camera                                                                                               |                                                                                             |
| 12.         | GPS                                    | Integrated GPS                                                                                                                               |                                                                                             |
| 13.         | Audio                                  | Speakers and headset jack                                                                                                                    |                                                                                             |
| 14.         | Printer                                | High speed 2" Thermal printer with >70mm wide paper                                                                                          |                                                                                             |
| 15.         | Battery                                | Rechargeable Li-ion/Li-Polymer or equivalent battery and vehicle charging support should be provided and along with additional battery pack. |                                                                                             |
| 16.         | Operating System & application drivers | Windows Mobile 5.0/ Windows CE 5.0/ Linux 2.6.35 or Equivalent and suitable driver/ application CD should be provided                        |                                                                                             |
| 17.         | Data process                           | Should support data updating and retrieval with Central Server                                                                               |                                                                                             |

|     |                       |                                                                                                                                                                                                |  |
|-----|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 18. | E-Challan application | Required device client software should be developed and installed on each device by the vendor to perform E-Challan process on line and off line mode with the server as per user requirement. |  |
| 19. | Paper supply Method   | Drop- in easy loading in roll core inner of printing device and easy to issue challans after printing                                                                                          |  |
| 20. | Power Adaptor         | Standard adaptor for conventional charging and also vehicle charging support should be provided                                                                                                |  |
| 21. | Operating Temperature | -20°C to 50°C                                                                                                                                                                                  |  |
| 21. | Drop test             | 3 ft./1m drop to steel surface/ concrete surface                                                                                                                                               |  |
| 22. | Warranty              | 3 Years onsite warranty                                                                                                                                                                        |  |

**(Note: The Bidder has to mention the actual value of the parameters in the column 4 instead of merely mentioning “complied”)**

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| <b>S.No</b> | <b>Parameter</b>           | <b>Requirement as per the tender specification</b><br><i>(To be filled in by tender inviting authority)</i> | <b>Specification of the product intended to be supplied</b><br><i>(To be filled in by bidder)</i> |
|-------------|----------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1.          | Processor with motherboard | Intel core i3 (3.30 Ghz,1333 MHz) or better , with Suitable Intel motherboard                               |                                                                                                   |
| 2.          | RAM                        | DDR3 - 2GB or more                                                                                          |                                                                                                   |
| 3.          | Hard disk                  | SATA 500GB or more                                                                                          |                                                                                                   |
| 4.          | Keyboard                   | PS2/USB keyboard                                                                                            |                                                                                                   |
| 5.          | Mouse                      | PS2/USB keyboard                                                                                            |                                                                                                   |
| 6.          | Monitor                    | 17"LCD / LED                                                                                                |                                                                                                   |
| 7.          | DVD writer                 | DVD read/write                                                                                              |                                                                                                   |
| 8.          | PCI expansion support      | Yes                                                                                                         |                                                                                                   |
| 9.          | Cabinet with SMPS          | Yes                                                                                                         |                                                                                                   |
| 10.         | Warranty                   | 3 years                                                                                                     |                                                                                                   |

**(Note: The Bidder has to mention the actual value of the parameters in the column 4 instead of merely mentioning "complied")**

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Article: **LASER PRINTER**

QTY Nos: 06

| S.No. | Parameter                     | Requirement as per the tender specification<br>(To be filled in by tender inviting authority) | Specification of the product intended to be supplied<br>(To be filled in by bidder) |
|-------|-------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1     | Printing technology           | Mono Laser                                                                                    |                                                                                     |
| 2     | Print speed (A4 size in mono) | 20ppm or above                                                                                |                                                                                     |
| 3     | Print Resolution              | 600*600dpi                                                                                    |                                                                                     |
| 4     | Time for first page out       | Minimum 9 sec or below                                                                        |                                                                                     |
| 5     | Memory                        | 4MB or Above                                                                                  |                                                                                     |
| 6     | Paper size                    | A4,letter                                                                                     |                                                                                     |
| 7     | OS Supported                  | Windows Xp, vista, windows 7                                                                  |                                                                                     |
| 8     | Interface                     | Hi-Speed USB 2.0                                                                              |                                                                                     |
| 9     | Paper Tray                    | 1 or above                                                                                    |                                                                                     |
| 10    | Accessories                   | Print cartridge, AC power cord, Driver software CD-ROM and USB printer Cable                  |                                                                                     |
| 11    | Warranty                      | 3 years                                                                                       |                                                                                     |

Article: **800VA UPS**

QTY: 06 Nos.

| S.No | Parameter            | Requirement as per the tender specification<br>(To be filled in by tender inviting authority) | Specification of the product intended to be supplied<br>(To be filled in by bidder) |
|------|----------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1.   | Input Voltage Rating | 161-276V                                                                                      |                                                                                     |
| 2.   | Frequency range      | 50/60 Hz                                                                                      |                                                                                     |
| 3.   | Output wave form     | Pure Sine wave                                                                                |                                                                                     |
| 4.   | Output voltage       | 230-240 V / 230 V                                                                             |                                                                                     |
| 5.   | Efficiency (AC – AC) | Between 80- 100%                                                                              |                                                                                     |
| 6.   | Battery type         | (Sealed Maintenance Free) Branded battery only.                                               |                                                                                     |
| 7.   | Indication           | Mains ON, Low battery, Overload                                                               |                                                                                     |
| 8.   | Battery back up      | 30 minutes or more(with suitable battery pack)                                                |                                                                                     |
| 9.   | Warranty             | 3 years                                                                                       |                                                                                     |

**(Note: The Bidder has to mention the actual value of the parameters in the column 4 instead of merely mentioning “complied”)**

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**VI. SCHEDULE FOR SERVICING AND MAINTENANCE INFRASTRUCTURE**

List of service centres in Tamil Nadu/India

| <b>Details required</b>                                             | <b>Details</b><br>(To be filled by the bidder) |
|---------------------------------------------------------------------|------------------------------------------------|
| Name of Service Centre and address<br>& Contact details             |                                                |
| Names of service engineers available.                               |                                                |
| Details of qualification and experience                             |                                                |
| The minimum hours required for service<br>after intimation received |                                                |
| Service and maintenance turnover for<br>last three years            |                                                |

(List can be attached as enclosure)

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**VII. IMPORTANT CONDITIONS**

1. **Document:** Only the tender document supplied by this office/downloaded from the <https://tntenders.gov.in> should be used and it should be resubmitted in full shape without detaching/modifying any page from it. Incomplete tender documents submitted will be rejected.
2. **Signatures:** All the Schedules in the tender document are to be signed at the prescribed places. Besides each page of the tender document should also be duly signed including technical specifications, format of contract agreement and important conditions. No erasures, inter alienations or alterations will be allowed except when initialed by the tenderer.
3. The envelope / covers of the tender bid should be **super-scribed** as **“Tenders for the supply of articles to the Tamil Nadu Police”, sealed properly and addressed BY NAME** to The Deputy Inspector General of Police, Technical Services, Chennai-4, and should reach him before 11.03.2013 at 02.00 PM. Tenders received after that date will not be considered. The cover should also show the name and address of the tenderer.
4. **Pre-Qualification Criteria:** Tenders must fulfill the pre-qualification criteria and enclose the supporting documentary proof in the Pre-Qualification Criteria cover.

|                                  |                                                                                                                                                                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-Qualification criteria cover | 1. Top Sheet<br>2. Undertaking for supply<br>3. OEM Authorised Dealership certification<br>4. Schedule IX – Taxation details and enclosures<br>5. Schedule X – Annual Turnover details and enclosures<br>6. Schedule III D & E – for Projects |
| Technical bid cover              | All other schedules and enclosures with a copy of Top Sheet                                                                                                                                                                                   |
| Commercial bid cover             | Schedule IV along with copy of Top Sheet                                                                                                                                                                                                      |

Technical bid will be opened for such of those tenderers who qualify the pre-qualification criteria.

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5. **Earnest Money Deposit:** Earnest Money Deposit equivalent to 1% of the total cost of the equipment/project or necessary exemption document has to be submitted along with the bid document. The EMD should be in form of Banker's Cheque or Demand Draft drawn in favour of the Deputy Inspector-General of Police, Technical Services, Chennai and payable at Chennai. Personal or Company Cheques will not be accepted. Any tender submitted without the EMD will be summarily rejected as per Tamil Nadu Government Gazette Notification dated: 21.12.1998. In the case of unsuccessful tenderers, their earnest money will be returned to them after the signing of contract with the successful bidder.
6. **IT & ST Documentation:** PAN/TAN No. and Sales Tax registration No. are to be mentioned in the Schedule-IX. Last three years Income tax and sales tax returns are to be appended with tender document.
7. The tenderer should not include sales tax in the unit price. Sales tax should be shown separately.
8. The tenderer should not include Customs duty in the unit price. It should be shown separately.
9. Rates should be distinctly shown in tenders in words as well as figures. The **term of delivery should be** F.O.R. destination (Police headquarters / district headquarters / police stations).
10. **Price quote validity period:** The price quoted in this tender is valid for a period of **12 months** only from the date of agreement with the department.
11. **Exchange rate variation:** Any upward variation to the exchange rates shall be borne by the Tenderer and not by the department.
12. **Service Infrastructure:** Service Centres (Service Centre shall either be a Direct Service Centre or Franchisee or authorized Service Centre of the Bidder. Documentary proof for meeting service centre conditions shall be enclosed). Companies which are from out of Tamil Nadu State should have a permanent office with Service back up facilities in Tamil Nadu and they should submit Address and Telephone number for Correspondence.

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**13. Technical evaluation criteria:**

I. The Police Department will prepare a list of firms based on the compliance of detailed Technical specifications and company profile furnished in tender. The tenderers who do not conform to the technical specifications or tender conditions or tenderers without adequate capabilities for supply shall be straight away rejected. All eligible Tenderers will be considered for further evaluation on the merits. Tenderer should make arrangements to demonstrate the working equipments setup as detailed below-

- a) The tenderer should make all necessary arrangements for technical evaluation of quoted model of all equipment for E-challan project at DIG TS office. It should be strictly in accordance with the specification and to ensure the data connectivity between hand held terminal with existing server located at Chennai city police and computer terminal ( in both online and offline mode) with a separate prototype / module application software for generating e challan.

Non-compliance will be summarily rejected.

II. The following aspects will also be considered on merits for further evaluation-

- a) Technological advancement for better configuration.  
b) Service facility during warranty supported with documentary proof.  
c) Any advancement to the delivery schedule.  
d) Any increase of warranty period.

**14. Tenders will be liable to rejection:-**

- i. If the tender is not in form supplied by this office / downloaded from website.  
ii. If the Top Sheet, Undertaking for supply of articles, Schedule of Product Description for ready- made hardware and software and Schedule of Product Description for fabricated hardware and made to order software (Schedule III-A & III-B), Schedule of Commercial bid (Schedule-IV) and Schedule for Specifications of the product quoted (Schedule-V) and Schedule for Annual Turnover details (Schedule-X) are not signed by the bidder.  
iii. Non-submission of details on PAN / TAN, Sales tax Registration No. in the Schedule-IX.  
iv. Country of manufacture and of the origin of the material used in manufacture of the articles is not mentioned in the Schedule-III (Product description).

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- v. If the Earnest Money Deposit in form of Bankers Cheque or Demand Draft is not enclosed.
  - vi. If the tenderer **on his own includes any conditions for the supply or other matters related to tender in his bid.**
  - vii. If the tenderer enters **one rate in figures and another in words in the Schedule-IV (Commercial bid) and declines to abide by the lower of the two.**
  - viii. If the tenderer alters **the period of supply or expunges any clause** in the form of tender, and
  - ix. If samples of articles quoted are not submitted for Technical Evaluation Test.
15. A tender may be accepted for one or more or the whole of the articles, as the case may be. The lowest tender will not necessarily be accepted.
16. The Inspector General of Police, Technical Services, Chennai shall have the right of requiring a successful tenderer to supply a greater number or quantity of the articles (25% more than the intended quantity) mentioned in the schedule than the number or quantity mentioned therein.
17. **Reservation of rights:** The authority competent reserves the rights
- a) To award contract to one or more tenderers in respect of each item covered by the tender.
  - b) To reject any or all the tenders without assigning any reasons there-for.
  - c) To relax or waive or modify at his discretion any of the condition/specification in the interest of the department.
  - d) The decision of the tender accepting authority of this department in this regard shall be final, conclusive and binding on the supplier.
18. **Acceptance of Tender and withdrawals:**
- a) The final acceptance of tender is entirely vested with the Deputy Inspector General of Police, Technical Services, office of the Director General of Police, Chennai-4 who reserves the right to accept or reject the tenders without assigning any reason. There is no obligation on the part the Department to communicate with the rejected Tenderers. After acceptance of the Tender, the tenderer shall have no right to withdraw his Tender or claim higher price.
  - b) The tender accepting authority may also reject the tenders for reasons such as changes in the scope of procurement with advanced technology equipment, lack of anticipated financial resources, court orders, accidents or calamities and other unforeseen circumstances.

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19. **Time limit for execution of contract:** If this tender should be accepted, the bidder should undertake to execute the contract agreement along with bank guarantee / demand draft within 15 days of letter of acceptance of tender with the terms of the conditions of contract aforesaid together with such further usual conditions as before the execution of the contract may be agreed upon between.
20. **Security deposit:** Successful tenderers will be required to furnish a Security Deposit calculated at 5 percent on value of the supplies contracted for and to execute an agreement in the Form. The stamp duty on the agreement should be borne by them.
21. **Failure to execute agreement:** If the tender is accepted and the tenderer fails to execute an agreement within 15 days of notice of such acceptance, the tenderer is liable to forfeit to Government the amount of earnest money deposited by him in respect of such tender and this will be without prejudice to the other rights and remedies of the Government.
22. **Scope of work:** The scope of the work is to design, supply, install and commission the project and to give maintenance support for three years during the Warranty period as per Schedule XI.
23. **Supply:** Supply should be made within 60 days from the date of purchase order as per Schedule III-C at the sites mentioned in Schedule XII.
24. **Pre-dispatch Inspection:** The tenderer should make arrangements to conduct technical evaluation by the technical team of the department for all related equipments at factory site prior to dispatch if required. The ordered equipments should be strictly in accordance with the technical specification as per tender document. In case the equipments do not meet the specification, order will be cancelled and the department will take legal action as per tender condition.
25. **Acceptance of materials:** Physical delivery of the item will not constitute supply. The completion of Quality Control will be deemed as completion of supply. If on examination of sample, any portion of the supplied materials/equipment is found to be damaged or substandard or not fully in accordance with the relevant specifications, the whole supply shall be rejected irrespective of the fact that this material was cleared during pre-dispatch inspection. The materials/equipment should strictly confirm to the specifications given in the tender conditions. In case of doubt whether the materials confirm to the specifications or not the decision of the consignee shall be final. The consignee has every right to reject the equipment found not confirming to the specifications and they should be replaced within 7 days at the cost of the supplier.

**SIGNATURE OF THE TENDERER  
WITH DATE & SEAL**

TENDER No: \_\_\_\_\_

26. **Training:** The Tenderer shall undertake to impart training for totally 10 Technical personnel of the Department at factory site for one weeks with training materials on operation and maintenance of the system and the equipment at free of cost. Three days on site training on operation of the different equipment to 2 batches of 25 field Officers and men
27. **Penalty for non-fulfillment of tender conditions:** Penalty will be levied as per Schedule XI at 15% on the total value of the equipment or the actual loss incurred by the Department whichever is higher if the conditions stipulated in the Contract Agreement are not fulfilled or observed till the project is completed with satisfactory performance and handed over.
28. **Penalty for Breakdown:** Any defect/failures of equipment, during the warranty period, have to be rectified within 48 hours. If the rectification is not done, penalty will be imposed at the rate of 0.5% of the cost of failed equipment per week for the period after 48 hours.
29. **Payment:** The total value of purchase order will be paid to the tenderer on handing over Equipments at respective sites with satisfactory performance as per Time Schedule XI and taken over by Tamil Nadu Police.
30. **Warranty:** Tenderer shall provide comprehensive warranty for period of three years from the date of supply. The warranty shall cover defects in materials or bad workmanship under normal use and service for the period of warranty notwithstanding the fact the materials were inspected by the inspecting officers.
31. **Refund of Security Deposit:** Security Deposit of 5 % will be retained as performance guarantee and this will be settled after the warranty period is over and also after getting a certificate from the user Department to the effect that the items purchased are upto their satisfaction.

I have read the conditions mentioned above and I hereby agree to comply with these conditions.

**SIGNATURE OF THE TENDERER  
WITH DATE & SEAL**

TENDER No: \_\_\_\_\_

**IX. SCHEDULE FOR INCOME TAX, SALES TAX AND SERVICE TAX DETAILS**

Name of the firm:

|                                    |  |
|------------------------------------|--|
| <b>Income Tax details</b>          |  |
| PAN No. of the firm                |  |
| Details of Annual returns enclosed |  |

|                                              |  |
|----------------------------------------------|--|
| <b>Sales Tax details</b>                     |  |
| Sales Tax Registration No. of the firm       |  |
| Details of Annual Sales Tax returns enclosed |  |

|                                                |  |
|------------------------------------------------|--|
| <b>Service Tax details</b>                     |  |
| Service Tax Registration No. of the firm       |  |
| Details of Annual Service Tax returns enclosed |  |

**SIGNATURE OF THE TENDERER  
WITH DATE & SEAL**

: 21 :  
TENDER No: \_\_\_\_\_

**X. SCHEDULE OF ANNUAL TURNOVER**

Name of the firm:

|                                                | Turnover | Details of the proof<br>submitted |
|------------------------------------------------|----------|-----------------------------------|
| ANNUAL TURNOVER<br>FOR THE YEAR<br>2009 - 2010 |          |                                   |
| ANNUAL TURNOVER<br>FOR THE YEAR<br>2010 - 2011 |          |                                   |
| ANNUAL TURNOVER<br>FOR THE YEAR<br>2011- 2012  |          |                                   |

The turnover requirement for the tender is Rs, 1,80,00,000 (filled by the tender inviting authority)  
for the last Three years.

**SIGNATURE OF THE TENDERER  
WITH DATE & SEAL**

## **XI. SCHEDULE FOR SCOPE OF WORK**

### **Scope of work:**

The scope of the work is to design, supply, install and commission the E-Challan System in five commissionerates and in Kancheepuram district and to give maintenance support for three years during the warranty period.

- 1.It is proposed to provide Handheld Terminals to traffic police for challaning the traffic violators on the spot on a 24x7 basis through the E-Challan system for five Commissionerate and Kancheepuram DPO ( except Chennai)
- 2.For this project, it is proposed to purchase handheld E challan device with thermal printer, E challan application software for handheld terminal operation, central application management software with required data base to handle 90 handheld terminal for E challan process.
- 3.The Existing E challan server located at Chennai City Police HQRS should be used as central server for this project. To this the tenderer is informed to coordinate with the existing vendor.
- 4.The central application management software should have a provision for remote data management web based access application for their respective COPs & DPO for monitoring of E challan process. Each COPs & DPO access should be provided with proper username and password.
- 5.The firm should use the existing infrastructure like Server, storage, firewall, switches and routers, data connectivity, RTO vagan sarathi data base access etc., for this necessary coordination to be carried out by the tenderer with existing vendor for necessary configuration and modification required if any for proper functioning of this system.
- 6.The Handheld Terminals should be capable for 2 way communications with central data server and capable of retrieving relevant data relating to the violating vehicle and updating the information. The fields to be captured while issuing challan / court challan may be seen at **Annexure - A**.
- 7.Handheld terminal Software should be customizable as per the requirements of the Tamil Nadu Traffic Police and vendor should provide all updates, upgrades and software bugs fixes free of cost during the period of 3 years and also during the period of AMC, if awarded
- 8.The vendor will be responsible for providing the complete working system along with general maintenance of all components of the system for the warranty period
- 9.Uninterrupted 24 x 7 GPRS/GSM or better network connectivity with the central data server and Handheld Terminals has to be provided by the vendor. Arranging connectivity from the service provider and establishing network shall be the responsibility of the vendor.
10. The firm should include the following charges in their commercial quote for 3 years. Fail to include will be summarily rejected.
  - a) GSM/GPRS (SIM Card) initial charges and expenditure for 3 years.
  - b) Thermal Printer Roll to be supplied for each Handheld terminal 10/ month for 3 years.
  - C) Laser Printer Toner cartridge/drum kit to be replaced in every 2 months for all the 6 terminal station for 3 years.

11. The details of the on the spot action should be immediately updated in the Central data base by the Handheld Terminals. In case of loss of connectivity the handheld terminal should work in offline mode, store the requisite data and seamlessly update the central data base as and when the connectivity is restored. Tenderer is requested to quote if any additional component/equipment is needed to fulfill the project.
12. System Administrator and senior officer, through web based access, should be able to generate and print various types of reports and statistics on weekly, fortnightly, monthly and yearly basis or from given dates or in a particular circle/ road stretch/ circle-wise/ district-wise/ range-wise /officer wise or section wise prosecution.
13. The offline data can also be downloaded by the user and stored in the Terminal unit at the concerned COP/DPO and seamlessly update the central data base through existing broadband. The Handheld Terminal should have sufficient memory to store at least 500 challans locally and also Handheld Terminal should indicate its memory status and block the operation if memory full.
14. Apart from the service/ repair calls, the service engineer will visit each site once in every 3 months to carry out the preventive maintenance of all the hardware during the warranty period.
15. All the devices and equipments shall be procured, installed, commissioned and maintained by the vendor up to the period of warranty. The application software source code should be handed over to the department for further usage.
16. The scope of work envisages that the vendor shall under take to train the nominated staff in different aspects of equipment design, functioning, testing, operation and administration, maintenance and repair.
17. The system administration and maintenance training program, at the user location will be given to nominated police personnel.
18. The vendor will undertake the supplies of necessary maintenance equipment and spare parts will be made available for the period of 3 years on continuing basis and life time spare after 5 years.
19. Latest Antivirus software solution must be installed in all Hand held terminals (if required) and Terminal Unit which should be updated automatically from the internet.
20. The supplier will carry out all necessary Electrical works to install the UPS and terminal unit at concerned COP/DPO.
21. The maintenance services of Handheld Terminals and Terminal unit, including spare parts shall be free of cost during the warranty period.

a) Pre Dispatch Inspection

The tenderer should make arrangements to conduct technical evaluation by the technical team of the department for all related equipments at factory site prior to despatch if required. The ordered equipments should be strictly in accordance with the technical specification as per tender document. In case the equipments do not meet the specification, order will be cancelled and the department will take legal action as per tender condition.

b) Supply of Equipments:

The equipment and accessories are to be supplied as per specifications in Schedule-VI.

c) Delivery:

The equipment and accessories shall be delivered at respective sites as in Schedule-XII.

d) Installation and Commissioning:

- i) The equipment and its related accessories should be supplied (as in Schedule–V), installed (as in Schedule XII) & commissioned and handed over at the respective sites at the risk of the Tenderer.
- ii) Tenderer shall be responsible for commissioning the new equipment and accessories with interface compatible to the existing equipment and accessories with the concurrence and co-ordination of the liaison officer of the department for the implementation of project at respective sites during installation.
- iii) All relevant documents such as operation, user and service manual shall be supplied by the Tenderer for each equipment free of cost.
- iv) If the supply, installation and commissioning of the equipments are not completed as specified in Schedule III-C from the date of receipt of the provisional order, the user Department shall have the right to cancel the order and also take any such action which will be deemed fit according to the circumstances.
- v) At least one System Engineer to be stationed at sites for a period of 3 months from the date of handing over the project to ensure for the stability of equipments and also to attend to failures expeditiously.

e) System Integration: The vendor shall supply and install the equipments and integrate the E-challan system for five commissionarate and Kancheepuram districts with the existing set up at COP chennai.

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TENDER No: \_\_\_\_\_

- f) Trial Run: The supplier for successful performance should monitor the system after completion of installation, commissioning and system integration for 30 days before handing over the system to the Police Department.
- g) Training: The Tenderer shall undertake to impart training for totally 10 Technical personnel of the Department at factory site for one week with training materials on operation and maintenance of the system and the equipment at free of cost. Three days on site training on operation of the different equipment to 2 batches of 25 field Officers and men
- h) Handing over of the entire Project: The Equipment for E challan system should be handed over to at respective COPs and DPO  
Tamil Nadu Police after successful completion of trial run.
- i) Warranty Maintenance: The Comprehensive onsite warranty period of three years commences from the date of handing over of system to Tamil Nadu Police. The warranty maintenance call should be attended immediately and the system restored in working condition within 24 hours. If any defects in manufacturing of technical aspects are noticed within the warranty period the vendor will rectify or replace the equipment at free of cost

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TENDER No: \_\_\_\_\_

**XII. SCHEDULE FOR DEPLOYMENT OF PROJECT COMPONENTS**

| S.No | Items to be delivered                                                                | Numbers at COP Trichy  | Numbers at COP Madurai | Numbers at COP Salem | Numbers at COP Tirunelveli | Numbers at COP Coimbatore | Numbers at Kanchipuram DPO | Total |
|------|--------------------------------------------------------------------------------------|------------------------|------------------------|----------------------|----------------------------|---------------------------|----------------------------|-------|
| 1    | Handheld terminal with inbuilt thermal printer                                       | 15                     | 15                     | 15                   | 15                         | 15                        | 15                         | 90    |
| 2    | GSM/ GPRS connectivity for 3 years                                                   | 15                     | 15                     | 15                   | 15                         | 15                        | 15                         | 90    |
| 3    | E-Challan application Device software                                                | 15                     | 15                     | 15                   | 15                         | 15                        | 15                         | 90    |
| 4    | Desk top Computers                                                                   | 1                      | 1                      | 1                    | 1                          | 1                         | 1                          | 6     |
| 5    | Central E-challan Management software with Minimum 6 client including remote access. | 1                      | 1                      | 1                    | 1                          | 1                         | 1                          | 6     |
| 6    | Laser Printer                                                                        | 1                      | 1                      | 1                    | 1                          | 1                         | 1                          | 6     |
| 7    | 800 VA UPS                                                                           | 1                      | 1                      | 1                    | 1                          | 1                         | 1                          | 6     |
| 8    | Thermal Printer roller ( for 90 Handheld terminals)                                  | As per the schedule IV |                        |                      |                            |                           |                            |       |
| 9    | Toner cartridge for Laser printer (for 3 years)                                      | As per the schedule IV |                        |                      |                            |                           |                            |       |
| 10   | Antivirus for Handheld terminal                                                      | 15                     | 15                     | 15                   | 15                         | 15                        | 15                         | 90    |

I hereby agree to deliver the components at the locations prescribed above.

**SIGNATURE OF THE TENDERER  
WITH DATE & SEAL**

TENDER No: \_\_\_\_\_

**CHECKLIST FOR MANDATORY AND OTHER DETAILS**

| S.No. | Description                                                                                                                             | Whether submitted/ Complied by the bidder (To be submitted along with the bid) | Verification by Tender Inviting Authority (At the time of opening of bid) |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1.    | <b>Signed the Top Sheet</b>                                                                                                             | Yes/No                                                                         |                                                                           |
| 2.    | <b>Signed the Undertaking for Supply of articles</b>                                                                                    | Yes/No                                                                         |                                                                           |
| 3.    | <b>Enclosed EMD or submitted necessary Exemption Certificate</b><br>a) Sl.No. of DD _____<br>b) Date _____<br>c) Name of the Bank _____ | Yes/No                                                                         |                                                                           |
| 4.    | <b>Signed Schedule III-A</b> for Product description for readymade Hardware/Software                                                    | Yes/No                                                                         |                                                                           |
| 5.    | Enclosed Industry Standardization Certificates as per Schedule III-A                                                                    | Yes/No                                                                         |                                                                           |
| 6.    | <b>Enclosed OEM</b> certification for Authorised Dealership                                                                             | Yes/No                                                                         |                                                                           |
| 7.    | <b>Signed Schedule III-B</b> for Product description of Fabricated Hardware / Made-to-order software                                    | Yes/No                                                                         |                                                                           |
| 8.    | <b>Enclosed mandatory documents</b> for Product Description as required in Schedule III-B                                               | Yes/No                                                                         |                                                                           |
| 9.    | Details on development team & Past Projects for software supplies as per Schedule III-B                                                 | Yes/No                                                                         |                                                                           |
| 10.   | Signed Schedule III-C for details of Completion of Project & Training                                                                   | Yes/No                                                                         |                                                                           |
| 11.   | Details on Schedule III-D for details of Project Team                                                                                   | Yes/No                                                                         |                                                                           |
| 12.   | Details on Schedule III-E for details of Previous Project Experience                                                                    | Yes/No                                                                         |                                                                           |
| 13.   | <b>Signed Schedule IV</b> for Commercial Bid                                                                                            | Yes/No                                                                         |                                                                           |
| 14.   | <b>Signed Schedule V</b> for Specification                                                                                              | Yes/No                                                                         |                                                                           |

**SIGNATURE OF THE TENDERER  
WITH DATE & SEA**

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TENDER No: \_\_\_\_\_

|     |                                                                                                                                    |        |  |
|-----|------------------------------------------------------------------------------------------------------------------------------------|--------|--|
| 15. | Enclosed Brochures for the product to be supplied as per Schedule V.                                                               | Yes/No |  |
| 16. | Enclosed details on Service & Maintenance infrastructure as per Schedule VI                                                        | Yes/No |  |
| 17. | Signed on all pages in Schedule VII (Important conditions)                                                                         | Yes/No |  |
| 18. | Signed Schedule VIII for format of Contract Agreement                                                                              | Yes/No |  |
| 19. | <b>Signed the Schedule IX with the details</b> of PAN/TAN No., Sales Tax Registration No. & Service Tax Registration No.           | Yes/No |  |
| 20. | Enclosed the PAN/Sales Tax Registration/Service Tax Registration Certificates and their corresponding returns for last three years | Yes/No |  |
| 21. | <b>Signed Schedule-X for Annual Turnover details</b>                                                                               | Yes/No |  |
| 22. | Enclosed necessary proof for Annual Turnover details as per Schedule-X                                                             | Yes/No |  |
| 23. | <b>Signed Schedule XI for Scope of work</b>                                                                                        | Yes/No |  |
| 24. | Schedule XII for supply & deployment of equipments and project components                                                          | Yes/No |  |

**SIGNATURE OF THE TENDERER  
WITH DATE & SEAL**

**ANNEXURE - A**

**MODEL FORMAT FOR E-TRAFFIC CHALLAN**

**Court Challan**

Tamil Nadu Police

Challan No : C0011100113  
Date&Time: 16/Mar/11 10:52:40 AM  
Issuing Officer : Mr. Paramasivam  
PS Jurisdiction : Elephant Gate

**Vehicle Details:**

Vehicle No : TN20A3639  
Owner Name : Muthukumar N  
Address : No 57, 8th Street, Raj  
a Nagar, Ambattur, Chennai

**Driver Details:**

License No: F/TN/04X/018921/2007  
Name : Thirumurugan  
Address : 12C, Valluvar Street,  
Adyar, Chennai

**Offence & Section of Law :**

- 1) Over Load of A/R  
Under Sec : 309 MV Rule
- 2) Running Driving school w/o lic  
ense  
Under Sec : RULE 24 CMV r/w 177 M  
V

**Action Taken:**

Spot Fine Collected : No  
13/Jan/11  
Fine Amount Rs 200

**Impound Details:**

Driving License : F/TN/04X/01892  
1/2007

**Court Details:**

Court Name: Sessions Court, Egmore  
Date & Time: 30/March/2011 11:30  
AM

Signature of the violator

Signature of Challenging Officer  
(Mr. Paramasivam - TNP220 )

**Cash Challan**

Tamil Nadu Police

Challan No : C0011100112  
Date&Time: 16/Mar/11 10:51:10 AM  
Issuing Officer : Mr. Paramasivam  
PS Jurisdiction : Elephant Gate

**Vehicle Details:**

Vehicle No : TN20A3639  
Owner Name : Muthukumar N  
Address : No 57, 8th Street, Raj  
a Nagar, Ambattur, Chennai

**Driver Details:**

License No: F/TN/04X/018921/2007  
Name : Thirumurugan  
Address : 12C, Valluvar Street,  
Adyar, Chennai

**Offence & Section  
of Law:**

- 1) Driving Mentally/Physically un  
fit to drive  
Under Sec : SEC 186
- 2) No Parking and Towing LMV  
Under Sec : TNMV 119 r/w 177

**Action Taken:**

Spot Fine Collected : Yes  
Fine Amount Rs 550  
Payment Mode: CASH

**Impound Details:**

None

Signature of the violator

Signature of Challenging Officer  
(Mr. Paramasivam - TNP220 )