



**GOVERNMENT OF ANDHRA PRADESH  
POLICE DEPARTMENT  
OFFICE OF THE COMMISSIONER OF POLICE,  
NTR POLICE COMMISSIONERATE, VIJAYAWADA**

**Tender Notification No: C.No. 4864/B5/2025**

**Subject: Tenders are invited for Selection of Agency to provide  
City wide Advanced Traffic Management Analytic  
Solution for Vijayawada.**

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**NOTICE INVITING TENDER (NIT) DETAILS**

1.	Department Name	ANDHRA PRADESH POLICE DEPARTMENT
2.	Office	O/o CP, NTR COMMISSIONERATE, VIJAYAWADA.
3.	Tender Number	C.No. 4864/B5/2025
4.	Tender Subject	<b>Providing City wide Advanced Traffic Management Analytic Solution for Vijayawada</b>
5.	Period of Contract	As per Tender Document
6.	Form of Contract	As per Tender Document
7.	Tender Type	Open Tender (e-Procurement)
8.	Tender Category	Services
9.	EMD	Rs.5,00,000/-
10.	Process Fee	Rs.5,000/-
11.	EMD and Processing Fee payable	Separate DD to be drawn in f/o Administrative Officer (AO), NTR Commissionerate, Vijayawada issued by any Nationalized Bank other than Co-operative Banks payable at Vijayawada
12.	Schedule Sale Opening Date & Time	27-06-2025, 03:00 PM
13.	Pre-Bid Meeting	01-07-2025, 11:00 AM
14.	Schedule Sale Closing Date & Time	11-07-2025, 11:00 AM
15.	Last date for online submission	11-07-2025, 12:00 PM
16.	Hard Copies of Bid Submission to AO, NTR Commissionerate, Vijayawada	11-07-2025, 01:00 PM
17.	Pre-Qualification Bid Opening Date	11-07-2025, 03:00 PM
18.	Technical Bid Followed by demo	14-07-2025, 02:00 PM
19.	Opening of Price Bid	16-07-2025, 11:00 AM
20.	Venue	Conference Hall, O/o the CP, NTR Commissionerate, Vijayawada.
21.	Demo	As requested by CP, NTR Commissionerate, Vijayawada.
22.	Officer Inviting Bids	Commissioner of Police, NTR Commissionerate, Vijayawada.
23.	Contact details	
	For Tender info.	Administrative Officer (AO), Ph: 9440796487, <a href="mailto:aocpovja9440796487@gmail.com">aocpovja9440796487@gmail.com</a>
	For Tech.info.	Addl. DCP – Traffic Wing, Ph: 8333993114, <a href="mailto:trafficadcp.vja@gmail.com">trafficadcp.vja@gmail.com</a>

24.	Procedure for Offer Submission	<p>The Bidders shall submit their response through Bid submission to the tender on e-Procurement platform at <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a> duly following the procedure given below. The Bidders would be required to register on the e-procurement market place <a href="http://www.tender.apecurement.gov.in">www.tender.apecurement.gov.in</a> or <a href="https://tender.eprocurement.gov.in">https://tender.eprocurement.gov.in</a> and submit their bids online. Offline bids shall not be entertained by the Tender Inviting Authority for the Tenders published in e-Procurement platform. The Bidders shall submit their eligibility and qualification details, Technical Bid, Financial Bid etc., in the online standard formats displayed in e-Procurement web-site. The Bidders shall upload the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria/technical bids and other certificates / documents in the e-Procurement web site. The Bidders shall sign on the statements, documents, certificates, uploaded by them, owning responsibility for their correctness/authenticity. The Bidders shall attach all the required documents for the specific tender after uploading the same during the bid submission as per the Tender Notice and Bid Document.</p> <p><b>1. Registration with e-Procurement platform:</b> For registration and online bid submission Bidders may contact HELP DESK of M/s. VUPADHI Techno Services Pvt. Ltd. Or <a href="https://tender.apecurement.gov.in">https://tender.apecurement.gov.in</a>.</p> <p><b>2. Digital Certificate Authentication:</b> The Bidders shall authenticate the Bid with their Digital Certificates for submitting the Bid electronically on e-Procurement platform and the Bids not authenticated by Digital Certificate of the Bidders will not be accepted on the e-Procurement platform.</p> <p><b>3. Submission of Hard Copies:</b> After submission of Bid online, the Bidders are requested to submit the originals of DD/BG towards EMD, bid processing fee to the Tender Inviting Authority on or before scheduled time. The Bidders shall invariably furnish the original DD/BG to the Tender Inviting Authority either personally or through courier or by post and the receipt of the same within the stipulated time shall be the responsibility of Bidders. The department shall not take any responsibility for any delay or non-receipt. If any of the documents furnished by the Bidders are found to be false/fabricated/bogus, such Bidders are liable for blacklisting, forfeiture of the EMD, cancellation of work and for criminal prosecution. The Bidders are requested to get a confirmed acknowledgement from the</p>
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		<p>Tender Inviting Authority as a proof of submission of hardcopies to avoid any discrepancy. The Bidders have to attach the required documents after uploading the same as required by Tender Inviting Authority in the tender conditions.</p> <p><b>4. Payment of Transaction Fee:</b></p> <p>It is mandatory for all the participant Bidders from 1st January 2006 to electronically pay a Non-Refundable Transaction fee to M/s. APTS, the service provider through "Payment Gateway Service on E-Procurement Platform". The Electronic Payment Gateway accepts all Master and Visa Credit Cards issued by any Bank and Direct Debit Facility/Net Banking of ICICI Bank, HDFC, Axis Bank to facilitate the transaction. This is in compliance with G.O. Ms.13 dated: 07.05.2006. A service tax of 15% on the transaction amount payable to APTS shall be applicable.</p> <p><b>5. Corpus Fund:</b></p> <p>As per GO Ms. No. 4, User Departments shall collect 0.04% of ECV (estimated contract value) with a cap of Rs. 10,000 (Rupees Ten Thousand only) for all works with ECV up to Rs. 50 crores and Rs. 25,000/- (Rupees Twenty-Five Thousand only) for works with ECV above Rs. 50 crores, from successful Bidders on e-Procurement platform before entering into agreement / issue of purchase orders, towards e-Procurement fund in favor of Managing Director, APTS. There shall not be any charge towards e-Procurement fund in case of works, goods and services with ECV less than and up to Rs.10.00 lakhs.</p> <p><b>6. Tender Document:</b></p> <p>The Bidders are requested to download the Tender Document and read all the terms and conditions mentioned in the Tender Document and seek clarification, if any, from the Tender Inviting Authority. Any offline bid submission clause in the tender document could be neglected. The Bidders have to keep track of any changes by viewing the Addenda / Corrigenda issued by the Tender Inviting Authority from time-to-time, in the e-Procurement platform. The Department calling for Tenders shall not be responsible for any claims / problems arising out of this.</p> <p><b>7. Bid Submission Acknowledgement:</b></p> <p>The Bidders shall complete all the processes and steps required for Bid submission. The system will generate an acknowledgement with a unique bid submission number after completing all the prescribed steps and processes by the Bidders. Users may also note that the bids for which an acknowledgement is not generated by the e-Procurement system are treated as invalid or not saved in the system. Such invalid bids are not made available to the Tender Inviting Authority for processing the bids. The Government of AP and M/s APTS are not responsible for incomplete bid submission by users.</p>
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25.	General Terms & Conditions	As per Tender Document
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### **HOW TO APPLY**

- Register on e-Procurement Portal [www.tender.apecurement.gov.in](http://www.tender.apecurement.gov.in) or <https://tender.eprocurement.gov.in> and click to download e-Procurement notification and Tender Document.
- Read the complete tender document carefully before proceeding.
- Prepare tender documents carefully for all three stages of bid i.e., Pre-Qualification Bid, Technical Bid and Financial/ Commercial Bid as per requirements and standard formats given in the document.
- Pay non-refundable transaction fee through "Payment Gateway Service on E-Procurement Platform" to APTS.
- Upload all bids and corresponding documents on the e-procurement portal and ensure digital authentication using Digital Signature Certificate (DSC).
- Offline Submission (Hard Copies): Courier or deliver all documents to AO office before deadline and obtain acknowledgment.
- Price Bid shall be submitted online only.

**Note:** For any help or technical support on e-Procurement, Bidders may contact the following help desk at: -

**Vupadhi Techno Services Pvt. Ltd.  
Vijayawada Office**

Flat No :510, 5th Floor, Sreeram's Sneha Avenue,  
Near Aravinda School, Kunchanapalli, Tadepalli (M),  
Guntur (Dist) - 522501. Andhra Pradesh.  
Phone No: 08645 - 246370/71/72/73/74  
Mobile No: +917337318402, +917337318403  
E-mail: [eprocsupport@vupadhi.com](mailto:eprocsupport@vupadhi.com)

**PART-A**  
**GOVERNMENT OF ANDHRA PRADESH**  
**POLICE DEPARTMENT**

Office of the  
 Commissioner of Police,  
 NTR Commissionerate,  
 Vijayawada, Andhra Pradesh

C. No.4864/B5/2025

Date: 25-06-2025

**TENDER NOTIFICATION**  
**e-Procurement**

Tenders are invited for Selection of Agency for **providing City wide Advanced Traffic Management Analytic Solution** for Vijayawada.

S.No.	Name of the work
1.	"Providing City wide Advanced Traffic Management Analytic Solution for Vijayawada"

**Note:**

1. Consortium is not allowed
2. The bidder shall ensure system/solution setup, customization, testing, training, and go-live within 60 days from the date of work order.
3. The price quoted shall be on a Lump sum basis which is inclusive of all applicable taxes, cloud services, and 1 (one) year Support & Maintenance includes training.
4. The scope and quantity mentioned is indicative and may vary depending on final configuration and requirements.
5. Any additional scope/extension during the year may be executed at the same quoted prices under the rate contract.

a.	The Tender system is	THREE-BID SYSTEM i.e. "Pre-qualification bid" "Technical bid", and "Commercial "/ Financial Bid".
b.	Tender Schedule Form available on website	On e-procurement website <a href="http://www.tender.apecurement.gov.in">www.tender.apecurement.gov.in</a>
c.	Tender Schedule Time	As specified in NIT details
d.	Validity of offer	The scope of Tender shall remain open for acceptance till 180 days from the date of Work Order.

**Sd/- S.V. Raja Sekhara Babu, IPS.,**  
**Commissioner of Police,**  
**NTR Police Commissionerate,**  
**Vijayawada.**

**PART - B**  
**Pre-qualification Criteria (Conditions)**

**Eligibility Criteria:** All bidders are required to fulfill the following eligibility criteria and submit their offers as follows: -

i.	Company/Firm Registration Certificate.
ii.	Manufacturer Certificate/Authorized Dealer certificate, if applicable.
iii.	GST Regn. Certificate.
iv.	Income Tax PAN No. with Annual Returns for the last 3 Assessment Years i.e., for 2021-22,2022-23 and 2023-24.
v.	NSIC/SSI certificate if applicable, in respect of firms Registered under NSIC/SSI (It should be registered for the items quoted in this tender- A valid certificate giving details of items of manufacture along with proof of address of the firm should be submitted with the tender schedule).
vi.	Details of minimum turnover desirable: At least Rs.10.00 Crore cumulative turn over in the last three years (i.e. 2021-22,2022-23 and 2023-24) supported with certified copies of the Chartered Accountant
vii.	DD / BG towards EMD / Processing Fee drawn in f/o AO, O/o CP, VJA.
viii.	Certificates regarding previous performance for the supply / execution of similar or any other Technical / Scientific item/project to any state/ Central Govt. Organization.
ix.	Copies of the Purchase Orders for similar items supplied/executed to the Central Govt./State Govt. together with satisfactory completion Certificate.
x.	The Bidder or Bidder's group company or the manufacturer should not have been blacklisted by any State Government / Central Government / PSU for any reason in the last three financial years as on bid calling date. A letter of undertaking on the letter heads of the Bidder / Manufacturer should be submitted separately stating that they have not been blacklisted by any State Government / Central Government / PSU for any reason in the last three years and should be signed by an Officer competent and having the power of attorney (with Company stamp) to bind the bidding Firm / Manufacturer(s). The letter of undertaking should be submitted in Pre-Qualification Bid.

**Bidder(s) who qualifies in the pre-qualification stage will only be called to technical bid stage.**

The decision of Committee or Commissioner of Police, NTR Commissionerate, Vijayawada, shall be final as regards to the acceptability of either all the above conditions or waive certain conditions and shall not be required to give any reason in writing or otherwise at anytime for rejection of the Bidders for not qualifying the pre-qualification conditions.

**Sd/- S.V. Raja Sekhara Babu, IPS.,**  
**Commissioner of Police,**  
**NTR Police Commissionerate,**  
**Vijayawada.**

**PART- C**  
**Technical Evaluation Criteria**

<b>a</b>	Bidders should submit the detailed literature/ brochure containing the Technical Specifications to the solution quoted. The Bidders should also be ready to give the demonstration of the solution quoted ON THE DAY OF Technical Bid before the specified Committee.
<b>b</b>	The offer of the Bidder will be rejected if either the sample or demonstration is found to be not complying with the Tender Specifications.
<b>c</b>	The successful bidder has to execute the work shown at Part-A, Page No.6 of Tender Schedule.
<b>d</b>	The conditions / Specifications as per the Tender Schedule will not be relaxed in favor of any bidder on any reason. No negotiations correspondence will be entertained once bids are opened.
<b>e</b>	The bidder should be in the business of providing such system/solution to any State/ Central Government Departments in India during the last 3 years.
<b>f</b>	Bidder shall have experience of having successfully supplied/provided similar items elsewhere together with Satisfactory Certificate during the last three years for any State/ Government Organizations in India.
<b>g</b>	Bidder should have the following:- i. Should have at least one service center. ii. Should be able to provide end-to-end QOS (Quality of Service) iii. Should have tool kits, process manuals, Technical Staff required for support and maintenance of Advanced Traffic Management Analytic Solution during the one-year period.
<b>h</b>	Solution and quality control techniques employed by the Bidder/manufacturer and its authorized vendors.
<b>i</b>	Bidder should clearly mention the period of completion of supply of solution and its installation as mentioned in the Tender Document.
<b>j</b>	The Bidder should mention that they agreed to the Arbitration clause mentioned in the Tender Enquiry.
<b>m</b>	The Bidder should give undertaking that they agreed to the Arbitration clause mentioned in the Tender Enquiry.

Price bids of only that Bidder whose technical bid as well as performance of their system/solution so demonstrated are found acceptable as per Technical Evaluation will be opened.

If the system/solution is found to be inferior, the entire consignment will be rejected at the cost and risk of the Bidder.

**Sd/- S.V. Raja Sekhara Babu, IPS.,**  
**Commissioner of Police,**  
**NTR Police Commissionerate,**  
**Vijayawada.**

**PART-D****COMMERCIAL/PRICE BID****PRICES TO BE QUOTED ONLINE ONLY**

- i. Bidder must quote price in lump sum as per details shown at Part A (Pg.6) and Annexure-III (Pg.20) of Tender document in online and separately submit price in a sealed cover before opening the price bid.
- ii. Price quoted should be in Lump sum inclusive of all taxes. Offers with such stipulations like 'as applicable' will be treated as vague and are liable to be ignored.
- iii. The price finalized by the Purchase Committee is valid for a period of One year from the date of award of the project and it will not be increased during the contract period due to any reason.
- iv. During the contract period, if any kind of unsatisfactory service / nonperformance of the service is noticed, 5% of the payment will be imposed / deducted as penalty besides issuing Show Cause Notice which may lead to termination of contract.
- v. The price bid of eligible bidders will be opened, and order would be considered on the lowest price bidder(s) subject to their capacity and performance etc.
- vi. The decision of Commissioner of Police, NTR Commissionerate, and Vijayawada shall be final as regards to acceptance of the contract, and it shall not be required to give any reason in writing or otherwise at any time for rejection of the bid /contract.
- vii. At Financial bid stage, those bidders who were successful in Pre-Qualification & Technical stage will only be opened. The acceptance of the tender will be intimated to the successful bidder only and will be invited for the supply of the service, subject to fulfillment of other terms and conditions.

**Note:**

- a) Full name and status of the person signing the tender documents must be clearly mentioned in the tender documents.
- b) Before submission of tender, Bidders should check the Check List attached to those tender documents for compliance on various stipulations of the tender.
- c) The Company applying tender against the subject Tender Enquiry are informed that all relevant details with reference to Tender Enquiry stipulations are clearly responded to. In case, any of the Tender Enquiry stipulations are not clearly stated to/replied to by any one of the Companies, no clarifications will be sought from the concerned Company and its service will be rejected out rightly.

**Sd/- S.V. Raja Sekhara Babu, IPS.,  
Commissioner of Police,  
NTR Police Commissionerate,  
Vijayawada.**

**PART –E**  
**GENERAL CONDITIONS**

**C.No. 4864/B5/2025**

1. All Tender Documents attached with this Invitation to Tender including the specifications are **sacrosanct** for considering any offer as complete offer. It is therefore important that each page of the **TENDER DOCUMENT IS DULY COMPLETED AND SIGNED.**

1.	<b>Purchaser and Inspection Authority</b>	:	Commissioner of Police, NTR Commissionerate, Vijayawada
2.	<b>Inspection Officer</b>	:	An Officer / Team recommended by Commissioner of Police, NTR Commissionerate, Vijayawada.
3.	<b>Delivery of Services</b>	:	Delivery at O/o of Consignees location as mentioned in the P.O.
4.	<b>Delivery required by</b>	:	Services to be provided for a period of One year from the date of award of the project.

**2. Payment Terms and Conditions:**

S. No	Deliverables	Payment Terms
1	Providing Citywide Advanced Traffic Management Analytic Solution at Vijayawada for a period of 1 (One) Year.	The standard payment terms, subject to conditions and recoveries, if any under the penalty clause in the tender terms and conditions will be as under: a. 80% of the value will be paid against the delivery System/Solution as per PO. b. 10% of the value will be paid against the installation, testing, training, and go-live of System/Solution as per PO. c. Balance 10% of the value will be paid after completion of 1 (One) Year satisfactory performance.

**Note:** Payments shall be made to the Service Provider(s) through PAO on completion of Deliverables as per the scope of the work / performance after achieving the tasks in each deliverable as per the payment terms and conditions.

In case of any delay in payment due to administrative reasons, no interest will be paid.

3. Bidders should disclose the name and full address (along with telephone/Fax No.) of the place where the application developed and tested. Successful bidder should furnish the details of Service Centre with the contact nos. and mail ids to this Office.
4. Purchaser reserves the right to scrap the tender / terminate the contract at any point of time due to unsatisfactory performance without assigning any reasons.
5. Based on mutually agreeable terms, the same contract shall be renewed for every year with an annual escalation of 5%. The payment for the same also shall be payable in advance.

6. Based on the mutual consent and terms, the similar contract shall be executable to other cities of Andhra Pradesh. The pricing and payment structure of each city shall be decided as per scope by mutual consent.

## **CONDITIONS REGARDING DEPOSIT OF EARNEST MONEY**

### **7. EARNEST MONEY DEPOSIT:**

- i. The Earnest Money Deposit of Rs. 5.00 lakh by way of DD as shown at Sl.No.9 NIT Details at Page No.02 shall be submitted by each bidder.
- ii. The Earnest Money Deposit shall be retained by the Purchaser till submission of Security Deposit for the successful bidder.
- iii. No interest will be payable for the EMD by the Purchaser.
- iv. The EMD will be returned to the successful bidder soon after submission of Security Deposit.
- v. The EMDs of unsuccessful bidders will be returned after opening the final Bids.

### **Forfeiture of EMD**

The EMD shall be forfeited under following conditions:

- i. If the bidder withdraws the bid after Bid opening during the period of bid validity
- ii. If the bidder does not accept the correction of errors made to the Bid prices during bid evaluation.
- iii. In the case of a successful bidder, if the bidder fails within the specified time limit to Sign the Contract Agreement; or
- iv. A successful bidder fails to furnish the Performance Security (3% of PO Value) at the time of signing the Contract Agreement

## **8. CONDITIONS REGARDING SECURITY DEPOSIT**

### **a) SECURITY DEPOSIT: -**

The Successful Bidder will have to submit a Security Deposit by way of Demand Draft before the release of Purchase Order **3% of the total Purchase Order** value as per Article 129(A) of APFC Vol.I.

The Security Deposit has to be drawn in f/o the Administrative Officer (AO), NTR Police Commissionerate, Vijayawada. The Security Deposit will be returned after the successful completion of scope of works to the satisfaction of the Committee.

### **b) Conditions: -**

If the Tenderer who fails to provide the services / perform the task assigned to him in the purchase order, within the period prescribed for such delivery specified above, the competent authority, shall be entitled at his discretion to the actions as under: -

1. Graded liquidated damages for delay in performance of services will be liable for as under:

- i) For first 15 days @ 1% of the value of the solution.
  - ii) For next 15 days @ 2% of the value of the solution.
  - iii) For delay of 1 month/over & up to 2 months @ 4% of the value of the solution.
  - iv) Beyond 2 months and up to 3 months @ 5%, of the value of the solution & on expiry of 3 months the contract would automatically get nullified, and Security Deposit would be invoked.
2. The successful bidder will have to enter into an Agreement with the Commissioner of Police, NTR Commissionerate, Vijayawada and on behalf of the Governor of Andhra Pradesh for the performance of the contract on Rs.100/- Non-Judicial stamp paper of Andhra Pradesh, the cost of which has to be borne by the supplier. **The agreement bond should be submitted within 7 days from the date of receipt of intimation letter/PO.**

#### **9. Guarantee / Warranty**

The successful Bidder shall provide 1 (one) year support and maintenance of the solution supplied under this contract.

#### **10. Standards**

The solution supplied under this contract shall conform to the standards mentioned in the technical specifications and where no applicable standards have been prescribed, such standards shall be the latest issued by the recognized and accepted Quality Control Institutions.

#### **11. Patent Rights**

The successful Bidder shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from the use of the services or any part thereof.

#### **12. Delegation**

The Purchaser may delegate any office functions / authority to any other competent person or his subordinate official or supervision consultant as the Purchaser think appropriate for effective administration for the contract. However, these delegations will not diminish the overall authority of the Purchaser. The Purchaser can review the delegations so made at any time. The delegation of function/authority by the Purchaser shall be intimated to the Supplier in writing.

The successful Bidder shall designate and authorize a representative to deal with the Purchaser, Engineer and Engineer's Representative. The name of the successful Bidder's representative shall be notified by the successful Bidder to the Purchaser in writing.

During the period of contract, the successful Bidder shall not sub-contract whole or part of the works without the prior consent of the Purchaser. Any such consent shall not relieve the successful Bidder from any liability or obligation under the contract and he shall be solely responsible for the acts, defaults and neglects of any Sub-Supplier.

**14. Award of Contract**

Prior to the expiry of the period of bid validity, the Purchaser will notify the finally selected Bidder and place the service order within 7 days thereafter. If a need for extension of the bid validity period arises, it should be extended by mutual agreement. The notification of award/placement of service order will constitute the formation of the Contract.

**15. Delay in the Suppliers performance**

Delivery of the solution and performance of services shall be made by the successful Bidder in accordance with the time schedule specified by the Purchaser in its Schedule of Requirements. All unexcused delay by the successful Bidder in the performance of its delivery obligations shall render the successful Bidder liable to forfeiture of its performance security bank guarantee, imposition of liquidated damages and/or termination of the contract for default.

16. Whenever under this Purchase Order any sum of money is recoverable/payable by Bidder, the Commissioner of Police, NTR Commissionerate, Vijayawada shall be entitled to recover such sums by appropriating in part or whole the balance and the total sum/due recoverable, as the case may be, shall be deducted from any sum/due or which any time thereafter money becomes due to the bidder, under this, or any other contract with the Government, such deduction being made from the bidder's bills.

17. In case of any breach of contract, Terms of Agreement and Purchase Order and its conditions, the decision of the Commissioner of Police, NTR Commissionerate, Vijayawada is final and binding on the bidder.

18. The contract or any part of it shall not to be transferred or assigned by the bidder directly or indirectly to any other agencies whom-so-ever without the written consent of the Commissioner of Police, NTR Commissionerate, Vijayawada.

19. In case of any dispute, the matter can be referred to competent Court at Vijayawada City only and not anywhere else.

20. The bill of cost should be submitted in triplicate to this office duly showing the tax component separately for arranging necessary payment. The following certificates should be furnished on each copy of the bill. Certified that the services for which GST has been charged have not been exempted under the GST Act or Rules made there-

21. Under. The amounts charged on account of GST on these services are not more than what is payable under the provisions of the relevant Act, or the Rules made there-under.

**22. ARBITRATION**

"Any dispute or difference whatsoever arising between the parties to this Contract out of or relating to the construction, meaning, scope, operation or effect of this Contract or the validity or the breach there of shall be referred to a sole Arbitrator to be appointed by A.P. Police only. If the Implementation agency cannot agree on the appointment of the Arbitrator within a period of one month from the notification by one party to the other of existence of such dispute, then the ultimate Arbitrator shall be DGP, A.P. only. The provisions of the Arbitration and Conciliation Act 1996 will be applicable, and the award made there under shall be final and binding upon the parties hereto, subject to legal remedies available under the law. Such differences shall be deemed to be a submission to arbitration under the Indian Arbitration and Conciliation Act 1996, or of any modifications, Rules or re-enactments thereof. The Arbitration proceedings will be held at Vijayawada, Andhra Pradesh State, India. Any legal dispute will come under Andhra Pradesh State jurisdiction at Vijayawada only."

**GOVT. POLICY:** The purchaser reserves the option to give a purchase/ price preference to offers from the public sector units and / or from other companies in accordance with the policies of the Govt. from time to time.

Signature of the Tenderer \_\_\_\_\_ Name in Block

Letters \_\_\_\_\_

Capacity in which Tender Signed \_\_\_\_\_

Full Address \_\_\_\_\_

**Sd/- S.V. Raja Sekhara Babu, IPS.,  
Commissioner of Police,  
NTR Police Commissionerate,  
Vijayawada.**

## **PART – F**

### **TECHNICAL SPECIFICATIONS**

Following is the scope of work, deliverables, project timelines and payment terms pertains to providing Citywide Advanced Traffic Management Analytic Solution for Vijayawada city. For any

Further details, the bidder may contact Addl. DCP – Traffic Wing, Ph: 8333993114.

#### **1. Background / Need**

Vijayawada, a fast-growing urban center in Andhra Pradesh, is grappling with increasing vehicular density, frequent congestion, and inefficient traffic control mechanisms. The absence of a centralized, data-driven, and real-time traffic management system further compounds challenges related to incident response, event handling, and road safety. Manual operations, non-integrated systems, and lack of predictive planning have contributed to traffic inefficiencies.

There is a critical need for a **comprehensive, AI-enabled traffic management analytic solution** that integrates real-time data, enables predictive decision-making, supports inter-agency coordination, and empowers both enforcement and public interfaces. The proposed service aims to fill this gap through an integrated platform for congestion analytics, incident management, emergency vehicle prioritization, and citizen-centric mobile interfaces.

#### **2. Scope of Work**

The selected bidder shall be responsible for the **design, deployment, customization, and support** of a cloud-hosted, AI-enabled urban traffic management analytic solution for Vijayawada. The platform must be scalable, modular, and capable of integrating with existing systems and infrastructure. The service should enable centralized monitoring, real-time field coordination, and data-driven decision-making. The system shall include the following key functional requirements:

##### **a) Congestion Monitoring & Analytics**

The platform should monitor traffic congestion levels in real-time across key corridors and intersections using AI/ML models. It must generate dynamic congestion alerts, provide live and historical travel time estimates, identify hotspots, and offer before-after impact analysis for road interventions or changes in traffic circulation.

##### **b) Incident Reporting & Management System**

An integrated system should be provided to facilitate real-time incident reporting from field personnel and automatic feeds where applicable. The system should include incident status timelines, categorization (accidents, vehicle breakdowns, and infrastructure failures), coordination workflows, and data-driven clearance time analysis.

##### **c) Special Event Traffic Planning**

A web-based interface should enable authorities to manage planned and unplanned events affecting traffic flow. Event applications, approvals, diversion plans, and public advisories must be integrated into a single module with calendar and mapping views to support proactive traffic planning.

##### **d) Traffic Simulation & Scenario Planning**

A simulation engine must be included to model traffic movement patterns under

different scenarios (e.g., road closures, signal plan changes, infrastructure works). It should help evaluate pre- and post-impact of proposals for better infrastructure and policy decisions.

**e) Emergency Vehicle Priority System**

The system should facilitate emergency vehicle tracking, congestion alerts along the planned route, and notifications to field personnel for clearance. Analytics should provide visibility into delays, stuck vehicle alerts, and average clearance response times for different types of emergencies.

**f) Road Safety & Crash Analytics**

This shall include tools to visualize accident data, analyze crash patterns. It should integrate with available police crash data and support map-based interventions, reporting, and heatmap-based crash density analysis.

**g) Violation & Enforcement Analytics**

The platform should analyze traffic violation data, provided by the authority the analytics should provide violation heatmaps, trend dashboards, and high-risk driver or zone identification, even in environments with partial enforcement infrastructure.

**h) Citizen App for Traffic Information & Interaction**

A mobile interface should be provided for citizens to receive live updates on congestion, route advisories, incidents, and events. The app should allow reporting of traffic issues, viewing of enforcement records (e.g., challans), receiving notifications, and optionally submitting feedback on city traffic conditions.

**3. Integration and Support from Authority/Department:**

- a) The selected bidder shall provide below services as part of Scope of work
  - i. Integration with existing traffic infrastructure and systems
  - ii. Training for traffic police and civic officials
  - iii. On-ground support by a dedicated traffic engineer
- b) The selected bidder shall be deployed the solution in cloud and secured access shall be given to traffic control center and key officials of traffic police.
- c) The selected bidder shall deploy one traffic engineer on-site to monitor and support traffic police personnel in utilizing solution.

**4. Project Timelines, Deliverables & Payment Terms**

The service provider shall confirm to the following timelines and payment terms. The service provider shall quote the total payment as lump sum.

S. No	Deliverables	Payment Terms
1	Providing Citywide Advanced Traffic Management Analytic Solution at Vijayawada for a period of 1 (One) Year.	<p>The standard payment terms, subject to conditions and recoveries, if any under the penalty clause in the tender terms and conditions will be as under:</p> <ol style="list-style-type: none"> <li>a. 80% of the value will be paid against the delivery System/Solution as per PO.</li> <li>b. 10% of the value will be paid against the installation, testing, training, and go-live of System/Solution as per PO.</li> </ol>

		<b>C.No. 4864/B5/2025</b> c. Balance 10% of the value will be paid after completion of 1 (One) Year satisfactory performance.
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**Note:**

- Based on mutually agreeable terms, the same contract shall be renewed every year with an annual escalation of 5%. The payment for the same also shall be payable in advance.
- Based on the mutual consent and terms, the similar contract shall be executable to other cities of Andhra Pradesh. The pricing and payment structure of each city shall be decided as per scope by mutual consent.
- In case of any delay in payment due to administrative reasons, no interest will be paid for the delayed period.

**Sd/- S.V. Raja Sekhara Babu, IPS.,  
Commissioner of Police,  
NTR Police Commissionerate,  
Vijayawada.**

**ANNEXURE –I**  
**PERFORMANCE CERTIFICATE**

Name of Firm: \_\_\_\_\_

1. a. Contact Nos. & Purchase Order :  
b. Name of the Buyer :
2. Description of Services Provided :
3. Value (in lakh of Rupees) :
4. Original Service Period (DP) allowed :
5. Services provided within the original :  
Delivery Period (DP)
6. Whether any extension of Service time :  
was granted.
7. Reasons for Delay in service(if any) :
8. Satisfaction report enclosed or not? :  
If any)

**Signature of the Bidder**

**Stamp with date**

\* Purchase/Work order along with satisfactory certificate issued by the buyer must be enclosed in both hard and soft copies.

\* All columns should be filled and supported with copies of documents as proof.

**Annexure- II**  
**Check list for Bidders/Suggestive**

(Bidders should check following requirements for compliance before submission of the tender documents)

<b>S. No.</b>	<b>Requirements to be checked by the Bidders before submission of the tender.</b>	<b>Compliance (To be indicated by the bidder with "YES" after compliance of the requirements)</b>
1.	Bidders should mention the item for which they have quoted. This should be mentioned in the covering/ forwarding letter head of the technical bid.	
2.	Whether Bidder enclosed required Earnest Money Deposit.	
3.	Bidders should confirm that their Services/solutions conform to the governing specifications of the quoted as per Tender Enquiry.	
4.	Bidders should mention in the Tender Enquiry that they accept our delivery terms i.e. they agree to provide services at consignees' locations, risk and cost of the Bidders.	
5.	Bidders should mention the validity period of the offer from the date of opening of the tender.	
6.	Bidders should mention their Service Period clearly.	
7.	Bidders should submit proof for their past performance in the specified format given in the Tender Document	
8.	Bidders should mention that they agreed to the Arbitration clause of the Tender Enquiry.	
9.	Bidders should mention that Business dealing with their Firms has not been banned by any govt. / private agencies.	
10.	Bidders should ensure that witness has signed at appropriate places of the Tender documents and full name and address of the witness has been mentioned clearly.	
11.	Bidder should enclose proper Index with Page Nos. and ensure to sign each page of the Tender documents with name, designation, seal and address of the signatory.	
7.	Bidders should mention their address for communication with Telephone and Fax Number.	

**Signature of the Bidder,  
with full Address, Mobile No, e-mail id.**

**ANNEXURE – III**  
**COMMERCIAL BID FORMAT**

The bidder should submit Hard Copies of Commercial Bid at the time of financial bid opening.

S. No.	Name of Work	Lump-Sum Price in INR	GST in INR	Total Fee including GST in INR
1	"Providing Citywide Advanced Traffic Management Analytic Solution at Vijayawada for a period of 1 (One) Year."			

**Note:**

1. The bidder should consider all above charges and offer their final price for 1 Year period and extendable for more number of years with annual escalation of 5%.
2. The services can be extendable with mutual interest to other cities of Andhra Pradesh State with similar scope of work as per this tender. The pricing and payment structure of each city shall be finalised as per scope by mutual consent and 5% escalation if taken up in later years.

**Signature of the Bidder**  
**Stamp with date**

**Annexure-IV**  
**Performance Security Form**

(To be issued by a bank scheduled in India having at least one branch in Vijayawada)

To:

Commissioner of Police, NTR  
Commissionerate, Vijayawada,  
Andhra Pradesh.

**// Tender Ref. No                      , dated //**

Whereas \_\_\_\_\_ (Name of vendor) hereinafter called "the Vendor" has undertaken, in pursuance of Contract No \_\_\_\_\_ Dated \_\_\_\_\_ (Date), to provide \_\_\_\_\_ called "the Contract".

And Whereas it has been stipulated by you in the said Contract that the Vendor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the contract.

**Whereas we have agreed to give the Vendor a Guarantee;**

Therefore We hereby affirm that we are Guarantor and responsible to you, on behalf of the Vendor, up to a total of Rs. \_\_\_\_\_ and we undertake to pay you, upon your first written demand declaring the Vendor to be in default under the Contract and without cavil or argument, any sum or sums within the limit of Rs \_\_\_\_\_ (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until sixty days beyond the service period of one (1) year.

Place:

Signature and seal of  
guarantors: Date:

**QUESTIONNAIRE-1**

[Please Mark ✓ in appropriate Box and fill the answer correctly. Bidders leaving the box unmarked and questionnaire unanswered shall be rejected]

1. Name and address of Bidder:

2. Turnover of last three years with proof of aviated balance sheet

YES

NO

3. Purchaser order copy and satisfaction report

YES

NO

4. a. Whether registered as SSI/NSIC (copy of certificate)

YES

NO

b. If yes, Monetary limit [Enclose Photocopy of Regn. Certificate]

[Lakh]	

[Without Limit]	

c. Validity Date

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5. Terms of Services

YES

NO

6. a. Whether solution fully conforms to tender schedule specifications in all respects.

YES

NO

b. If answer to [a] is No. Indicate the details of deviation in separate sheet.

7. Have you enclosed required EMD

YES

NO

8. Do you accept the liquidated damageclause

YES

NO

9. a. Do you accept the Security Deposit clause

YES

NO

b. Did you enclose the above

YES

NO

Signature of the Bidder \_\_\_\_\_

Name in Block Letters \_\_\_\_\_

Capacity in which Tender signed \_\_\_\_\_

Full Address \_\_\_\_\_

**QUESTIONNAIRE -2**

BIDDERS SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELOW.

BIDDERS MAY PLEASE NOTE THAT IF THE ANSWER SO FURNISHED ARE NOT CLEAR AND /OR ARE EVASIVE, THE TENDER WILL BE LIABLE TO BE IGNORED.

1. Tender No. :
2. Solution Offered :
3. Name and address of Solution Provider :
4. IT PAN No. and TIN No. :
5. Status :
  - a. Indicate whether you are SSI/NSIC :
  - b. Are you registered with DGS&D for the item quoted? :
  - c. If you are a small scale unit registered with SSI/NSIC under Single Point Registration scheme, whether there is any monetary limit. :
  - d. In case you are registered with SSI/NSIC under the Single Point Registration Scheme for the solution quoted confirm whether you have attached a photocopy of the registration certificate indicating the items for which you are registered. :
6. a. If you are not registered either with SSI/NSIC or with DGS&D please state whether you are registered with the Directorate of Industries of State Government concerned. :
  - b. If so, confirm whether you have attached a copy of the certificate issued by Director of Industry :
    - a. Name & Address of Bank :
    - b. Accounts No. [Core Banking] :
    - c. IFSC Code
    - d. MICR Code
    - e. Whether the Bank branch is NEFT/RTGS enabled or not
7. Please indicate name & full address of your Banker :
  - a. Name & Address of Bank :
  - b. Accounts No. [Core Banking] :
  - c. IFSC Code
  - d. MICR Code
  - e. Whether the Bank branch is NEFT/RTGS enabled or not
8. Business name and constitution of the firm :
 

Is the Firm registered under:- :

  - a. The Indian Companies Act 1956.
  - b. The Indian Partnership Act 1932 [Please also give name of partners.
  - c. Any Act: if not, who are the owners. [Please give full names and address]
9. For partnership Firms state whether they are registered or not registered under Indian Partnership Act, 1932. Should the answer to this question by a partnership Firm be in the affirmative, please state further: - :
  - a. Whether by the partnership agreement, authority to :

- refer disputes concerning the business of the partnership to arbitration has been conferred on the partner who has signed the tender.
- b. If the answer to [1] is in the negative, whether there is any general power of attorney executed by all the partners of the Firm authorizing the partner who has signed the tender to refer disputes concerning the business of the partnership to arbitration :
  - c. If the answer to either [1] or [2] is in the affirmative furnish a copy of either the partnership agreement or the general power of attorney as the case may be :
10. Here state specifically, :
- a. Whether the price tendered by you is to the best of your knowledge and belief, not more than the price usually charged by you for services of same nature/class or description to any private purchaser either foreign or as well as Govt. purchaser. It not state the reasons thereof. If any, also indicate the margin of difference. :
  - b. In respect of indigenous items for which there is a controlled price fixed by law, the price quoted shall not be higher than the controlled price and if the price quoted exceeds the controlled price the reasons thereof should be stated. :
11. State whether business dealings with you have been banned by Min/Dept. of Supply/Min. of Home Affairs? :
12. Please confirm that you have read all the instructions carefully and have complied with accordingly.:

**Signature of Witness**


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*[Full Name and address of witness in Block letters]*

**Signature of Bidder**


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*[Full Name and address of the persons signing in Block letters]  
Whether signing as Proprietor / Partner  
/ Constituted Attorney / duly  
authorized by the Company.*