

CET/1720/2025-P5

28-02-2026

QUOTATION NOTICE

Quotation Number	72/P5/TRAJ/26/CET
Due date and time for receipt of quotations	09/03/2026 11.00 AM
Date and time for opening of quotations	09/03/2026 11.30AM
Date up to which the rates are to remain firm for acceptance	09/09/2026
Designation and address of officer to whom the quotation is to be addressed	The Principal, College of Engineering Trivandrum, Thiruvananthapuram-16. GSTIN:32AAAGC0358L1ZP
Superscription : Trajectory Extraction and Advanced Preprocessing of the drone dataset	

Trajectory Extraction and Advanced Preprocessing of the drone dataset**Details**

Trajectory extraction from the captured **10-hour drone dataset**, as per the specifications below:

- Vehicle-level detection with consistent vehicle IDs
- Bounding box centroid coordinates (x, y)
- Bounding box dimensions (length and width)
- Frame index / timestamp for each detection
- Derived Trajectory Parameters:
 - Vehicle speed
 - Vehicle acceleration
 - Heading angle
 - Yaw rate
- Additional Processing Requirements
 - Traffic flow parameters (volume, density, composition)
 - Side-road traffic volumes (where applicable)
 - Advanced preprocessing and geo-referencing
 - Extractability assessment (lane visibility, occlusion handling, alignment, consistency)
 - Supporting documentation and metadata.
- Delivery within **21 calendar days from handing of video data**, including:
 - Base trajectory dataset
 - Derived parameters
 - Documentation.

Sealed quotations are invited for the Trajectory Extraction specified in the list attached given below/overleaf. The rates quoted should be for the items shown above. The necessary superscription, due date for the receipt of quotations, the date up to which the rates will have to remain firm for acceptance and the name and address of officer to whom the quotation is to be sent are noted above. Any quotation received after the time fixed on the due date is liable to be rejected. The maximum period required for delivery of the articles should also be mentioned. Quotations not stipulating period of firmness and with price variation clause and/or 'subject to prior sale' condition are liable to be rejected.

The acceptance of the quotations will be subject to the following conditions.

1. Withdrawal from the quotation after it is accepted or failure to supply within a specified time or according to specifications will entail cancellation of the order and purchases being made at the offerers expenses from elsewhere, any loss incurred thereby being payable by the defaulting party. In such an event the Government reserves also the right to remove the defaulter's name from the list of Government suppliers permanently or for a specified number of years.
2. Samples, duly listed, should be forwarded if called for under separate cover and the unapproved samples got back as early as possible by the offerers at their own expenses and the Government will in no case be liable for any expenses on account of the value of the samples or their transport charges, etc. In case, the samples are sent by railway, the railway receipt should be sent separately, and not along with the quotation since the quotation will be opened only on the appointed day and demurrage will have to be paid if the railway parcels are not cleared in time. Quotations for the supply of materials are liable to be rejected unless samples, if called for of the materials tendered for are forwarded. The approved samples may or may not be returned at the discretion of the undersigned. Samples sent by V.P.Post or "freight to pay" will not be accepted.
3. No representation for enhancement of price once accepted will be considered during the currency of the contract.
4. Any attempt on the part of tenderers or their agents to influence the Officers concerned in their favour by personal canvassing will disqualify the tenderers.
5. If any license or permit is required, tenderers must specify in their quotation and also state the authority to whom application to be made.
6. In cases where a successful tenderer, after having made partial supplies fails to fulfill the contracts in full, all or any of the materials not supplied may, at the discretion of the Purchasing Officer be purchased by means of another tender/quotation or by negotiation or from the next higher tenderer who had offered to supply already and the loss, if any, caused to the Government shall thereby together with such sums as may be fixed by the Government towards damages be recovered from the defaulting tenderer
7. a) Ordinarily payments will be made only after the supplies are actually verified and taken to stock but in exceptional cases, payments against satisfactory shipping

documents including certificates of Insurance will be made up to 90 per cent of the value of the materials at the discretion of Government. Bank charges incurred in connection with payment against documents through bank will be to the account of the contractor. The firms will produce stamped pre-receipted invoices in all cases where payments(advance/final) for release of railway receipts/shipping documents are made through Banks. In exceptional cases where the stamped receipts of the firms are not received for the payments (in advance) the unstamped receipt of the Bank (i.e. counterfoils or pay-in-slips issued by the Bank alone may be accepted as a valid proof for the payment made. b)The tenderers shall quote also the percentage of rebate (discount) offered by them in case the payment is made promptly within fifteen days/within one month of taking delivery of stores.

8. Any sum of money due and payable to the successful tenderer or contractor from Government shall be adjusted against any sum of money due to Government from him under any other contracts.
9. Special conditions, if any, printed on the quotation sheets of the tenderer or attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the purchases.
10. GST number must be mentioned in the quotation. The firm under composition scheme must mention the words "Composition taxable person" in their quotation and should submit proof for that.
11. Service should be provided for College of Engineering Trivandrum as part of Machine Learning Enhanced Drone Video Analysis for Road Safety Assessment.
12. The unit price, all other charges such as delivery, transporting, loading and unloading charges, and GST must be shown separately in the quotation.
13. The quotation number and opening date should be mentioned at the top of the cover.