

Request For Information (RFQ)

KINFRA invites Request For Quotation (RFQ) from reputed and competent agencies for carrying out Topographical Survey, Geotechnical Investigation, Boundary Demarcation and GIS Mapping for the proposed Industrial Development Area at Panayathamparambu (Anjarakandi, Paduvilayi and Keezhallur villages), near Mattannur, Kannur District, Kerala, having an approximate extent of 497 Acres.



**Kerala Industrial Infrastructure
Development Corporation**

(A Statutory Body of Govt. of Kerala)

**KINFRA HOUSE, TC NO.31/2312, SASTHAMANGALAM P.O,
THIRUVANANTHAPURAM-695010**

Document No: KINFRA/ PANAYATHAMPARAMBU/RFQ/2026-27



**KERALA INDUSTRIAL INFRASTRUCTURE DEVELOPMENT
CORPORATION (KINFRA),
Thiruvananthapuram, Kerala**

Tender

KINFRA invites Request For Quotation (RFQ) from reputed and competent agencies for the following work:

Name of work: Quotation for Topographical Survey, Geotechnical Investigation and GIS Mapping for Proposed Industrial Development Area of approx. 497 acres at Panayathamparambu, Mattannur, Kannur District

Bid submission Fee	EMD	Last Date of submission
Rs.2500/- plus GST	Rs. 50,000/-	29.07.2026, 3:00 pm

The RFP document(s), can be downloaded from the website www.kinfra.org. For more details visit the web site www.kinfra.org.

Place: Thiruvananthapuram Date: 18.07.2026		Sd/- Managing Director
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1. Invitation for Quotations

Quotations are invited from experienced and competent agencies for carrying out **Topographical Survey, Geotechnical Investigation, Boundary Demarcation and GIS Mapping** for the proposed Industrial Development Area at **Panayathamparambu, near Mattannur, Kannur District, Kerala**, having an approximate extent of **497 Acres**.

Interested agencies having adequate experience in similar assignments are requested to submit their detailed quotations along with technical credentials and financial proposal.

2. Project Details

- **Project Location:** Panayathamparambu, Near Mattannur, Kannur District, Kerala
 - **Village:** Anjarakandi, Paduvilayi and Keezhallur
 - **Approximate Area:** 497 Acres
 - **Location Details:**
Latitude: 11.922627
Longitude: 75.504706
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3. Scope of Work

The successful agency shall carry out the following works:

A. Topographical Survey

- Reconnaissance survey and project planning.
- Establishment of survey control points using DGPS/RTK.
- UAV/Drone-based aerial survey and video of the project area.
- Preparation of topographical map.
- Contour mapping at **10 m interval**.
- Preparation of Digital Terrain Model (DTM).
- Preparation of Digital Elevation Model (DEM).
- Orthomosaic imagery generation.

B. Boundary Demarcation

- Boundary demarcation based on limits shown by KINFRA officials.
- Preparation of boundary plans.

C. Feature Mapping

Mapping of all existing features including but not limited to:

- Roads and access routes.
- Water bodies.
- Streams and drainage channels.
- Existing buildings and structures.
- Utility corridors.
- Electrical lines.
- Other permanent physical features.

D. GIS Mapping

Preparation of:

- GIS Database.
- KML/KMZ files.
- Shapefiles.
- Spatial database compatible with GIS software.

E. Geotechnical Investigation

The investigation shall include:

- Borehole drilling.
 - Standard Penetration Tests (SPT).
 - Collection of disturbed and undisturbed soil samples.
 - Laboratory testing.
 - Soil profile preparation.
 - Foundation recommendations.
 - Ground improvement recommendations, wherever required.
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4. General instructions for the Bidder

1. The intending bidder must read the terms and conditions of RFQ document carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form of bid document.
3. The Quotation document(s), may be downloaded free of cost from KINFRA's website www.kinfra.org. No payment is required for downloading the tender documents from the above website, however a bid submission fee, as mentioned below in this document, is required to be remitted through demand draft and submitted along with bid documents. Only those bidders fulfilling eligibility criteria on the date of bid submission shall submit the bids.
4. **Bid submission fee** of Rs.2950/- (including GST @ 18 %) shall be remitted through a demand draft payable at Thiruvananthapuram and drawn in favor of Managing Director, KINFRA and submitted along with RFQ documents to KINFRA.
5. **Earnest Money Deposit (EMD)** amounting to Rs 50,000/- (Rupees Fifty Thousand only) to be remitted through demand draft payable at Thiruvananthapuram and drawn in favor of Managing Director, KINFRA. The EMD of all unsuccessful Bidders will be returned within a period of thirty (15) days from the date of issuing the work order with the successful Bidder. The EMD of any Bidder, whose Bid is rejected on account of being Non-Responsive or Non- Reasonable in accordance with the RFQ, will be returned within a period of thirty (15) days from the date of intimating the rejection of bid by KINFRA to the Bidder.
6. **Security Deposit**, the amount collected at the time of executing contract agreement, will be the 5% of the contract value (agreed PAC) and the deposit will be retained till actual completion period plus 3 months. The successful bidder shall make this **interest free security deposit** either by demand draft (payable at Thiruvananthapuram) / Treasury Fixed Deposit or in the form of Bank guarantee in the name of Managing Director, KINFRA, Trivandrum from a scheduled bank towards the due performance of the obligation of the Operator under the agreement and for recovery of any damages caused to the property of KINFRA. The validity of the BG shall be up to 3 months after the completion period as mentioned in the document.

7. **Submission of Documents:** The Technical bid (comprising of Technical Proposal, Supporting documents as proof of eligibility, Authorization letter of the signatory, bid submission fee, EMD) and the Price bid should be submitted in two separate sealed envelopes, with one cover super scribed as “Technical Bid for Topographical Survey, Geotechnical Investigation and GIS Mapping for the Proposed Industrial Development Area of approx. 497 acres at Panayathamparambu, Mattannur, Kannur District” and the other super scribed as “Price Bid for Topographical Survey, Geotechnical Investigation and GIS Mapping for the Proposed Industrial Development Area of approx. 497 acres at Panayathamparambu, Mattannur, Kannur District” (Ref Annexure 1) respectively, which will then be enclosed in one single sealed envelope clearly superscribed “Technical Bid & Price Bid for “Topographical Survey, Geotechnical Investigation and GIS Mapping for the Proposed Industrial Development Area of approx. 497 acres at Panayathamparambu, Mattannur, Kannur District”. This sealed cover shall be addressed to The Park Manager, KINFRA Industrial Park, Mattannur, PO PRNSS College, Mattannur- 670702, Ph: 0490-2474466, 9288036598
8. The quotation in the prescribed format along with EMD, bid submission fee and other required details in sealed cover should reach KINFRA Industrial Park, Mattannur, PO PRNSS College, Mattannur- 670702, Ph: 0490-2474466, 9288036598 on or before 29.07.2026, 3:00 pm. Only original hard copies of Bids shall be accepted.
9. The bidder is advised to submit the bids well before the stipulated date and time. In this regard, KINFRA shall not be responsible for any kind of issues faced by the bidder due to delay in postal/courier services.
10. The bidders who submit their bids for this quotation shall accept that they have clearly understood and agree to the terms and conditions including the Form/Annexures of this tender. Mention of price details at any place other than the designated place, shall disqualify the bid and the bid shall be summarily rejected.
11. The Bids should be duly signed by the bidder. The bids shall be typed or written in indelible ink. The bidder shall initial any corrections/amendments made to the bid. Any material change to a submitted bid must be received before the bid due date. Material changes in the bid will not be permitted after the bid due date.
12. The Technical bid shall be opened first on 29.07.2026, 03.30 PM. The time and date of opening of financial bid of bidders qualifying the technical bid shall be communicated to them at a later date.

13. The competent authority on behalf of Managing Director, KINFRA does not bind itself to accept the highest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the bidders who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of Managing Director, KINFRA reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The bid submitted shall become invalid and fee shall not be refunded if:
 - i. The bidder is found ineligible.
 - ii. The bidder does not submit all the documents as stipulated in the bid document.
 - iii. The Bids not accompanied by EMD and tender cost will be summarily rejected.
17. **The bid for the works shall remain open for acceptance for a period of One hundred twenty (120) days from the date of opening of technical bid.** If any bidders withdraw his bid before the said period or issue of work order, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to KINFRA, then KINFRA shall, without prejudice to any other right or remedy, be at liberty to forfeit 100% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
18. This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as submitted at the time of invitation of bid and the rates quoted at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
19. **Selection of Bidder:** Bidder with lowest quoted amount for the work will be selected after achieving all technical qualification for the work as mentioned in the RFQ.

20. Successful bidder shall enter into an agreement in the prescribed format of KINFRA within 7 days from the date of work order.
 21. Information and instructions for bidders posted on website shall form of bid document.
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5. Deliverables

The agency shall submit:

1. Topographical Survey Report.
 2. High Resolution Orthomosaic.
 3. Digital Terrain Model (DTM).
 4. Digital Elevation Model (DEM).
 5. Contour Maps.
 6. Boundary Demarcation Drawings.
 7. Feature Mapping Drawings.
 8. AutoCAD Drawings (DWG).
 9. GIS Database.
 10. KML/KMZ Files.
 11. Shapefiles.
 12. Borehole Logs.
 13. Laboratory Test Reports.
 14. Detailed Geotechnical Investigation Report.
 15. Foundation Recommendations.
 16. Soft copies and three hard copies of all reports and drawings.
 17. Cadastral map including sub survey numbers.
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6. Time Schedule

The entire work shall be completed within **30 days** from the date as mentioned in the Work Order except for submission of Cadastral map including survey numbers.

7. Compensation for Delay in work

If the Contractor fails to complete the work within the stipulated time, compensation for delay shall be levied at the rate of 1.5% of the Work Order Value per week of delay, calculated on a pro-rata per day basis. However, the total compensation payable under this clause shall not exceed 10% of the total Work Order Value.

8. Information Available from KINFRA

KINFRA shall provide:

- Boundary details.
 - Existing survey records, if available.
 - Necessary site coordination through designated officials.
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9. Eligibility criteria for the Bidder

1. The bidder shall have successfully completed at least one similar topographical survey assignment covering not less than 100 acres during the last five (5) years. Copies of the corresponding work orders along with completion certificates/experience certificates issued by the respective clients shall be submitted in support of the above experience.
 2. The bidder shall possess a valid GST Registration and submit a copy of the GST Registration Certificate along with the quotation.
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10. Information to be Submitted by the Bidder

Interested agencies shall submit:

- Company Profile.
 - Registration details.
 - GST Registration and PAN
 - **List of completed projects of a similar topographical survey works executed for a single work not less than 100 acres during the last five (5) years, along with copies of the corresponding work orders and its completion/experience certificates issued by the respective clients.**
 - Details of survey equipment and software proposed.
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- Details of technical personnel.
- Work methodology.
- Proposed work schedule.
- Financial quotation.

11. Financial Proposal

The financial proposal shall be submitted in the prescribed **Price Bid Format** enclosed as **Annexure-I**

The quoted rates shall be all-inclusive and shall cover all costs associated with the execution and completion of the work, including but not limited to manpower, survey equipment, transportation, consumables, field investigations, laboratory testing, data processing, report preparation, and any statutory fees or other incidental expenses, if applicable.

No additional payment shall be made for any item or activity necessary for the satisfactory completion of the work beyond the quoted amount.

12. Payment Terms

Sl no	Description	Payment terms
1	Submission of the Topographical Survey deliverables, including the Base Map with contours, Boundary Demarcation, KML/KMZ files, and AutoCAD drawings.	60% of the amount quoted for Item No. 1 in the Price Schedule shall be released upon satisfactory submission and acceptance of the above deliverables by KINFRA. GST shall be paid extra, as applicable.
2	Submission of the Final Base Map and Topographical Survey Report.	30% of the amount quoted for Item No. 1 in the Price Schedule shall be released upon satisfactory submission and acceptance of the final deliverables by KINFRA. GST shall be paid extra, as applicable.
3	Submission of the Cadastral Map incorporating Sub-survey Numbers and all modifications/corrections as directed by KINFRA.	The balance 10% of the amount quoted for Item No. 1 in the Price Schedule shall be released upon satisfactory submission and acceptance of the cadastral map by KINFRA. GST shall be paid extra, as applicable.
4	Submission of the Geotechnical Investigation Report, including drilling, field	Payment shall be made based on the actual quantity of work executed at site, in accordance with the accepted unit rates

	testing, laboratory testing, and reporting, as specified in the Scope of Work.	quoted in the Price Schedule. GST shall be paid extra, as applicable.
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13. General Conditions

1. The bidder shall inspect the site before submitting the quotation.
2. All survey works shall comply with applicable standards.
3. Drone operations shall be undertaken only after obtaining necessary statutory permissions from concerned agencies.
4. The agency shall be responsible for accuracy of all survey and investigation data.
5. KINFRA reserves the right to accept or reject any or all quotations without assigning any reason.
6. KINFRA reserves the right to modify the scope of work before award of the contract.
7. successful bidders enter into the agreement with KINFRA

Quotations received **before or after the stipulated time** shall be rejected. Further, quotations not accompanied by the required documents specified in **the RFQ** shall be summarily rejected.

For any clarification/queries you may please contact, Mr. Vishnu R, Park Manager, Mob: 9288036598.

Annexure 1

PRICE PART

Topographical Survey, Geotechnical Investigation and GIS Mapping for Proposed Industrial Development Area of approx. 497 acres at Panayathamparambu, Mattannur, Kannur District

Item No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
1.	Conducting Topographical Survey, Boundary Demarcation, GIS Mapping & Data Processing as detailed in the scope of work including site clearance if/as required.	Job	1		
2 A	Mobilization of all necessary drilling equipment, tools, personnel, and accessories to the site.	Job	1		
2 B	Shifting of drilling equipment from bore to bore as per site condition	No	5		
3	Towards carrying out boring through all types of soil other than rock, conducting standard penetration test (SPT) at regular intervals, collection of soil samples etc (Calyx method) for ONE BORE up to a depth of 10M or refusal stratum whichever comes early.	Each			
a)	Boring beyond 10 m to 20m depth	Metre	M		
b)	Boring beyond 20m to 30m depth	Metre	M		
c)	Boring in refusal stratum with N value over 50 (Dense sand , hard lateritic, soft rock, etc)	Metre	M		
d)	Hard/weathered rock cutting using 55ct diamond bit (1 m each site if necessary)	Metre	M		

e)	Charge for lab testing on necessary soil samples: natural moisture content, Atterberg limits, Sieve analysis, specific gravity, and collection of lab test results and presenting it in the form for a report along with typical calculation and proper recommendation for different types of foundation. The report shall include borehole locations, methodology, bore log details, soil test reports and analysis, ground water level etc.as per your scope and foundation recommendation report from the geotechnical consultant.	Bore			
	Final bill will be as per actual quantities			Total	

*GST @ 18% Extra

Declaration:

I/We have carefully read and understood the terms and conditions of this quotation and hereby agree to undertake the work of **"Topographical Survey, Geotechnical Investigation and GIS Mapping for the Proposed Industrial Development Area of approx. 497 acres at Panayathamparambu, Mattannur, Kannur District"** in accordance with the scope of work, specifications, and conditions stipulated in the quotation document.

I/We understand and agree that the final payment shall be made based on the actual quantity of work executed and certified by the Engineer-in-Charge, subject to the terms and conditions of the quotation.

Place:

Date:

Name, address and signature of the bidder