
REQUEST FOR QUOTATION (RFQ)

(through Short Term Limited Bidding (STLB), as per Procurement Policy of APUIAML)

REQUEST FOR QUALIFICATION FOR
ENGAGEMENT OF AGENCIES FOR CONDUCTING GEOTECHNICAL INVESTIGATIONS
IN VARIOUS REGIONS OF ANDHRA PRADESH

RFQ Notification No.: APUIAML/UID /25-26/01



ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED (APUIAML)

For Queries: Contact –

Mr. Krishna Chaitanya, Mobile :7731830180, Email ID – krishna.chaitanya@apurban.in

I. SCHEDULE OF RFQ PROCESS

Description	Scheduled Date
Notification No:	APUIAML/UID /25-26/01
RFQ Issue / Start Date	15.09.2025
Bid Submission Closing Date and Time	22.09.2025 on or before 3.00 PM
Submission of Hard Copy of the Bid	Strictly to be submitted through registered post/courier or submit the bids in the Tender Box (kept at the below mentioned address) if by hand, duly superscribing the title of the RFQ and addressed to: To, Chief Executive Officer (CEO) Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML) 4th Floor, NTR Administrative Block, Pandit Nehru Bus Station, Vijayawada-520013 (Andhra Pradesh)
Date & Time of Opening Technical Bids	22.09.2025 @ 4.00 PM
Date & Time for Opening of Financial Proposal / bids	Will be informed to the Qualified bidders through email by APUIAML
RFQ Application Fees (non-refundable)	Rs.2,500 + GST (Rs. 2950/-)

- Any addendum / corrigendum to the RFQ Document shall be intimated to all Applicants / Bidders through the Tender Page of www.apurban.com. The Authority shall not be responsible for any non-receipt of Bids before the scheduled closing date & time of submission of bids.
 - Failure to fill and sign all the required applicable Annexures (including incomplete information / document) shall make the Bid invalid. The bidder(s) is/are requested to submit its/their bid document in the given format only (including supporting documents). Any discrepancy in the submitted documents and/or submission of any irrelevant document shall result to disqualification of the respective bidder from the bidding process.
 - Interested bidders may obtain further information about this requirement from the office of APUIAML.
 - The Bid shall be filled in English Language and all entries must be typed / written in blue / black ink. Initials of the Authorized representative of the Bidder must be attested at all erasers and alterations made while filing the proposal. Over writing of figures in the Financial Proposal is not permitted. Failure to comply with any of these conditions may lead to the Proposal invalid.
 - Authority shall not be responsible for any costs or expenses incurred by the bidder(s) in
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connection with the preparation and delivery of Proposal, including costs and expenses related to transport etc. Authority reserves the rights to cancel, terminate, change or modify this procurement / Bid Process and / or requirements of proposal stated in the RFQ, without assigning any reason or providing any notice without accepting any liability for the same.

- The bid shall be valid for a period of not less than 180 days from the Bid Due Date (the "BDD"). In exceptional circumstances, prior to the expiry of the original proposal validity period, the authority may request the Bidders to extend the period of validity for a specified additional period. The request for such extension shall be made in writing. However, bidders will not be permitted to modify their submitted bids after the BDD.
- RFQ Application Fees: Rs.2500/- + GST (**Total Rs.2950/-**) payable to Andhra Pradesh Urban Infrastructure Asset Management Limited
- Performance Security: Not Applicable

II. INTERPRETATION

In the interpretation of this RFQ, unless the context otherwise requires:

- The singular of any defined term includes the plural and vice versa, and any word or expression defined in the singular has the corresponding meaning used in the plural and vice versa;
 - A reference to any gender includes the other gender;
 - A reference to any agreement is a reference to that agreement and all annexes, attachments, exhibits, schedules, appendices and the like incorporated therein, as the same may be amended, modified, supplemented, waived, varied, added to, substituted, replaced, renewed, or extended, from time to time, in accordance with the terms thereof;
 - The terms "include" and "including" shall be deemed to be followed by the words "without limitation", whether or not so followed or defined;
 - Any reference to a person shall include such persons, successors, and assignees;
 - A reference to a "writing" or "written" includes printing, typing, lithography, scanned and other means of reproducing words in a visible form;
 - Any date or period set forth in this RFQ shall be such date or period as may be extended pursuant to the terms of this RFQ;
 - The terms "hereof", "herein", "hereto", "hereunder" or similar expressions used in this RFQ mean and refer to this RFQ and not to any particular Article;
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- In case of any inconsistency between the terms mentioned in the RFQ and the literary term, the meaning best construed in furtherance of the objectives of this RFQ shall prevail;
 - Where there is a discrepancy between amount in figures and in words, the amount in words shall prevail.

III. DISCLAIMER

1. The information contained in this RFQ ("Document") or subsequently provided to Bidders (Applicants / Bidders), whether verbally or in documentary or any other form by or on behalf of APUIAML (hereinafter referred to as "Authority") or any of its employees, representatives, advisors or Consultants is provided to Bidder(s) on the terms and conditions set out in this Document and any other terms and conditions subject to which such information is provided.
 2. This Document is neither an agreement nor an offer by the Authority to the prospective Bidder(s) or any other person. The purpose of this Document is to provide interested parties with the information that may be useful to them in the formulation & submission of their Proposal pursuant to this Document.
 3. This Document includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Request for Quotation towards **"Engagement of Agencies for conducting Geotechnical Investigations in various Regions of Andhra Pradesh"** by the selected Bidder / Agency selected through a competitive bid process. The purpose of this RFQ is to provide the Bidder(s) with information that may be useful to them in formulation of their bids (including Price Bids) (the "Bids") pursuant to this RFQ document and for no other purpose.
 4. This Document may not be appropriate for all persons, and it is not possible for the Authority and its employees to consider the objectives, technical expertise and particular needs of each party who reads or uses this document. The assumptions, assessments, statements and information contained in this document, may not be complete, accurate, adequate, or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this Document and obtain independent advice from appropriate sources. Information provided in this Document to the Bidders may be on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the
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accuracy or otherwise for any interpretation or opinion on the law expressed herein.

5. The Authority and its employees/ officers/ advisors/ consultants make no representation or warranty and shall have no liability to any person including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Document or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the Document and any assessment, assumption, statement or information contained therein or deemed to form part of this Document or arising in any way in this Selection Process / RFQ Process (hereinafter defined).
 6. The possession or use of this Document in any manner contrary to any applicable law is expressly prohibited. The Bidders shall inform themselves concerning and shall observe any applicable legal requirements. The information does not purport to be comprehensive or to have been independently verified. Nothing in this Document shall be construed as final commercial, legal, financial or tax advice.
 7. The Authority also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any Bidder upon the statements and information contained in this Document.
 8. The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this Document.
 9. The issue of this Document does not imply that Authority is bound to select a Bidder or to award work to the Selected Bidder, as the case may be, for the subject project and the Authority reserves right to reject all or any of the Proposal without assigning any reasons whatsoever.
 10. The Authority reserves its right to cancel the process of the Engagement of Geotechnical Investigations without assigning any reasons whatsoever.
 11. Laws of the Republic of India are applicable to this Document and Courts of Law at Vijayawada shall alone have exclusive Jurisdiction on any disputes arising in relation to the same.
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1. BACKGROUND

Government of Andhra Pradesh has established a Joint Venture company called Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML) under Companies Act 2013 with the objective of development of infrastructure projects, attracting investments and financing of Urban Infrastructure Projects in the State by appointing the Chief Secretary as Chairman and Principal Secretary MA&UD, Principal Secretary Finance as nominees on Board of the Company.

APUIAML is providing End-to-End Transaction Advisory (TA) Services to various Government Departments for infrastructure projects comprising of buildings, roads, water supply/ sewerage works, Solid waste projects, tourism projects etc in the State of Andhra Pradesh.

In view of various ongoing works of APUIAML, it is proposed to engage agencies for conducting various Geotechnical Investigations in various Regions of Andhra Pradesh. The Geotechnical Agencies will be shortlisted for undertaking the Geotechnical Investigations Regionwise and for any Geotechnical Investigations for locations in a particular Region, the short-listed agency for that particular Region shall be issued Work Order for conducting the same.

2. SOLICITATION

As part of the detailing of various projects, it is required to carry out the Geotechnical Investigation in various Regions in the State of Andhra Pradesh as per the details given below:

Region No.	Name of Region	Districts covered
1	North Andhra	1.Alluri Sitaramaraju
		2.Anakapalli
		3.Parvathipuram Manyam
		4. Srikakulam
		5. Visakhapatnam
		6. Vizianagaram
2	Coastal Andhra	1. Bapatla,
		2. Dr B R Ambedkar Konasemma
		3. East Godavari
		4. Eluru
		5. Guntur
		6. Kakinada
		7. Krishna
		8. NTR
		9. Palnadu
		10. Prakasam
		11. Sri Pottisreeramulu Nellore
		12. West Godavari

3	Rayalaseema	1. Anantapur
		2. Annamayya
		3.Chittoor
		4.YSR Kadapa
		5.Kurnool
		6. Nandyal
		7.Sri Satyasai
		8.Tirupathi

APUIAML, based on ongoing Projects, shall identify the requirement of undertaking Geotechnical Investigations in various regions and instruct the selected agency for undertaking Geotechnical Investigations at various locations as and when the need arises

The number and type of Geotechnical Investigations in the Regions will be dependent on the projects APUIAML will be undertaking in those Regions. The details of investigations to be taken up shall be intimated to the empanelled bidder during the course of engagement period.

The bidder can apply for either one region or all regions. The Agencies will be selected Region wise.

3. RFQ Processing Fee

The agency is required to submit a non-refundable bid processing fee of Rs.2500 + GST payable (**total Rs.2950/-**) to APUIAML by way of Demand Draft/ on line payment as per the details given below:

- Bank account Name: Andhra Pradesh Urban Infrastructure Asset Management Limited
- Bank Account Number: Union Bank Of India - 034311100004067
- IFSC Code: UBIN0803430

The proof of submission of processing fee to be enclosed as **Annexure 1** along with bid submission.

Note: If any agency is applying for all regions, two regions or one region, the RFQ processing fee remains same,

4. PROCESS OF ENGAGEMENT

Under this process, the agencies involved in conducting geotechnical investigations are invited to submit their proposals along with unit rates for various geotechnical investigations as mentioned in this RFQ for **each region**.

The agencies quoting the lowest rate as per their financial proposal will be shortlisted region wise and engage for a period of one year by APUIAML and in case of any geotechnical investigations are to be done in that

Region, the agency will be requested to undertake the work as per the unit rates quoted by the Bidder.

For each region, it is proposed to select the lowest quoted agency (L1) based on the financial proposal submitted by the agency for the quantities mentioned in this RFQ. It may be noted that the quantities at this stage are indicative and are likely to change during the Agreement period. Rest of the qualified proposals will be ranked as L2, L3, L4...etc.

APUIAML shall finalize the L1 Bidder on a region-wise basis and declare them as the Empanelled Bidder 1. In addition, APUIAML shall also negotiate with the L2 Bidders in each region to explore the possibility of matching the L1 bidder's rates. Any L2 bidder who agrees to match the L1 bidder's rates shall be declared as the Empanelled Bidder 2.

Whenever APUIAML proposes to undertake any work, it shall first approach the Empanelled L1 Bidder. If the L1 Bidder is unable to undertake the work due to pre-occupancy with other assignments (outside of APUIAML), then APUIAML shall request the Empanelled L2 Bidder to undertake the work at the L1 bidder's rates.

If the L2 Bidder also declines to undertake the work due to pre-occupancy with other assignments, then APUIAML shall invite quotations from the open market in accordance with the Procurement Guidelines of APUIAML, to select an agency for that specific assignment.

However, if either the L1 or L2 Bidder declines to undertake the work on account of rate issues, then such bidder shall be blacklisted for a period of three (3) years, and will not be eligible to participate in any future tender processes of APUIAML during that period.

It is to be noted that, APUIAML reserves the right not to utilize the empanelled geotechnical agencies for any of its works and award the geotechnical works to any other agency during empanelled period.

The unit rates quoted by the shortlisted bidder are applicable for one year from the date of their engagement.

In this context, Technical Proposal and Financial Proposal are solicited to engage Agency(s) for conducting Geotechnical Investigations in various Regions mentioned above. The scope of work with key ToRs, General Conditions and Financial proposal formats are annexed.

5. ELIGIBILITY CRITERIA AND INSTRUCTIONS TO AGENCIES

- A. Submission of RFQ Processing Fee of Rs.2500/- + GST (**Total Rs. 2950/-**) payable to
Andhra Pradesh Urban Infrastructure Asset Management Limited
Union Bank of India -034311100004067, IFSC - UBIN0803430
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Labbipet Branch

(Proof of the payment to be submitted as **Annexure 1**)

- B. The Agency should be a registered company or a registered society or a registered Partnership firm or proprietorship firm (Copy of the same should be submitted as part of Technical Proposal) (proof to be submitted as **Annexure 2**)
- C. The agency should have valid GST, TAN & PAN as on tender submission date (Copy of the same should be submitted as part of Technical Proposal as **Annexure 3**)
- D. The average annual turnover of the Agency for any three financial years in previous 5 financial years shall be at least Rs.25 Lakhs. (Proof of the same to be submitted as **Annexure 4**)
- E. The agency should possess at least two rigs either on their own or leased (proof of the same to be submitted) (List of equipment owned or leased to be submitted as **Annexure 5**)
- F. The agency shall have awarded/ conducted Soil Tests using Rigs for a cumulative work order value of not less than Rs.25 Lakhs value from maximum 3 projects for State/Central/PSUs /any other Government entities either on their own or through other consultants working for Govt Project during the last three financial years (FY 2022-23, FY 2023-24, FY 2024-25) (Copy of Work Orders/ Completion Certificates need to be provided with Technical Proposal as **Annexure 6**)
- G. The financial quotes shall be submitted region wise, they intend to provide Geotechnical testing services (Financial Proposal to be submitted as **Annexure 7**)
- H. The financial quotes provided shall be exclusive of applicable taxes, which would be paid at actuals as per the invoice by APUIAML.
- I. The eligible agencies shall seal the Technical and Financial proposals separately in prescribed formats mentioned in Annexures.
- J. Both (Technical & Financial) proposals must be further sealed in a separate envelope which should be duly super-scripted as “**Engagement of Agencies for conducting Geotechnical Investigations in various regions of Andhra Pradesh – Name of Region: North Andhra/ Coastal Andhra/ Rayalaseema** “(Strike off whichever is region is not applicable).
- K. The duly sealed envelope (Contain both Technical & Financial Proposal) should be submitted/reached to the following below address either in person or through registered post or Courier on or before 22.09.2025 15.00 Hrs, **IST**:

The CEO

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML)

**4th Floor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada, Andhra Pradesh- 520013**

The proposals submitted by in person should drop the proposals in Tender box available in office.

- L. The Financial Proposal should be submitted by agencies on the office letterhead and duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name and designation with seal (ii) Mobile No. (iii) email ID (iv) Address.
- M. For further any clarifications, the agencies may contact the following officials
Mr. Krishna Chaitanya Mobile:7731830180 , Email ID – krishna.chaitanya@apurban.in
- N. This RFQ document is also available at the Tender page of website –
<https://www.apurban.com/>

6. BID SUBMISSION

The bidder is required to submit the proposal in two envelopes (Technical Proposal and Financial Proposal). The Technical Proposal envelope shall consist of **Annexures 1 to 6** and Financial Proposal shall be submitted in **Annexure 7**. Both the envelopes shall be put in an outer envelope and submitted to APUIAML. The Financial Proposal should be submitted by agencies on the office letterhead and duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name and designation with seal (ii) Mobile No. (iii) email ID (iv) Address.

7. SITE LOCATIONS

The site locations shall be identified during course of empanelment period based on project requirement. As AP Government is one of the shareholders in APUIAML, it is expected to generate Geotechnical requirement for the agencies in various projects of APUIAML. However, it will be dependent on type and location of the Projects. Upon finalization of the requirement by APUIAML, the empanelled agency will be intimated for taking up the work as per the rates quoted by the selected bidder during this RFQ Process.

8. SCOPE OF WORK FOR THE AGENCY

Agency shall undertake a survey to mark the test locations on the field as per the requirement of the client.

The scope of work consists of 3 parts — Parts A, B and C

Part A-Mobilisation and Demobilization of Equipment and Personnel

- Mobilization of equipment and personnel to each project site, setting up the equipment and carrying out the field investigation and demobilization of the same after completion of fieldwork.
- All the labor, rig, water or any other equipment/infrastructure/material required for making borehole, transportation to site/ laboratory must be arranged by the Agency.

Part B- Sub surface explorations

1. All investigations shall be performed as per relevant IS, IRC standards. Scope of investigations generally shall consist of:
 - a. Drilling of exploratory boreholes of 150mm diameter by rotary drilling equipment through **all types of soils** except rock from existing ground level to a depth of maximum 10m or refusal below GL including collecting undisturbed samples (UDS) (in case of clayey strata continuous UDS is preferable), disturbed samples & every 3 m interval and SPT at every 1.5m depth interval under technical supervisor/Engineer of the agency, preparation and submission of site & final bore logs, preserving & transporting the samples to laboratory for further testing as per IS 1892-1979. The strata shall be treated as soil up to N value equal to 100 (SCR <10%)
 - b. Drilling in **boulders/ all type of rock/ SDR/ Weathered rock and hard rock** using NX casing bit including collection of rock core samples, logging in standard core log sheet, preserving & submitting the soil/ selected core samples to laboratory for carrying out required tests as per IS 10042-1981 GIS 4078-1980. This item is for strata having CR>10% but < 50% or RQD up to 30%.
 - c. Drilling in all types of **hard rock** with double core barrel using NX diamond bit up to a
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depth of maximum 3m for confirmation of hard rock strata including collection of rock core samples, logging in standard core log sheet, preserving the cores in standard core box and submitting the same to laboratory for carrying out required tests as per IS 1892-1979 & IS 4078-1980. Hard rock shall be confirmed by having core recovery more than 50% or RQD greater than 30%.

2. All samples collected as per standards shall be preserved, labelled and following laboratory tests shall be conducted:

a. On Undisturbed Soil Samples (UDS):

- i. Natural Moisture Content (NMC), Bulk Density & Specific
- ii. Gravity
- iii. Atterberg Limits
- iv. Grain Size Analysis including Hydrometer analysis
- v. Unconfirmed Compression Test/Direct Shear Test (UU/CD)/Tri- axial Test
- vi. Consolidation Test
- vii. Chemical analysis on soil water (Wherever required)

b. On Split Spoon Soil Samples (SPT):

- i. Natural Moisture Content (NMC) & Specific Gravity
- ii. Atterberg Limits
- iii. Grain Size Analysis

c. On Rock Core Samples:

- i. Core Recovery (CR) & Rock Quality Designation (RQD)
- ii. Specific Gravity, Water Absorption & Porosity
- iii. Unconfined Compression /Crushing Strength/Point Load test
- iv. Modulus of Elasticity & Poisson's Ratio of Rock (wherever required)
- v. Assessment of RMR (Rock Mass Rating) value

Other points to be noted:

- a. Agency operations should not cause any hindrance to other uses of land. As soon as the investigation work is completed all boreholes shall be backfilled to the satisfaction of the engineer.
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- b. Agency shall deploy suitable/ qualified personnel to conduct the subsoil investigation and such personnel are to be skilled in the work. The work is to be done under the overall supervision of fully qualified post graduate geo-technical engineer with sufficient experience in making boreholes, conducting field tests, taking samples and identifying soils. The status of the investigation/ field work should be informed by the agency to the engineer- in-charge on daily basis. Format for submission of the data will be agreed by client.
 - c. All facilities required to work at site shall be borne by the agency and shall not use any portion of the site for any purpose not connected with the works.
 - d. Termination depth of each borehole shall be decided by the Engineer-in-Charge.
 - e. Drilling of boreholes, recording observation data (time for drilling in rock should include in bore logs also), collection and preserving the undisturbed samples, numbering and preserving the cores in standard core (boxes, preparation of bore logs and core logs shall be carried out strictly as per relevant IS standards.
 - f. Undisturbed samples (UDS) collected at site shall be preserved such that no escape of moisture takes place and structure do not get disturbed. All Undisturbed samples shall be preserved in shade covered with moist hessian cloth.
 - g. Agency shall provide at least one qualified geo-technical engineer and a geologist at site along with supervisors throughout the process of investigation.
 - h. The work shall be commenced and completed as per the priority. In case of delay in progress of investigation, agency has to mobilize additional rigs to site, without any additional cost to client.
 - i. Agency must inform to the engineer-in-charge before demobilization of plants /Machinery.
 - j. In case at any stage, it is found that the progress and quality of work is not satisfactory, the work (in part or full whatever it may be) shall be withdrawn from the agency. No payment will be made against the completed works.
 - k. Submit the draft report (soft & hard copy) for review; covering field/ lab test results in table & graphical form, silt factor, recommended foundation type and depth, SBC/ Pile capacity, site
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observations, photographs of field and laboratory activities and all the core boxes etc., shall be included in the report.

- l. Compiled final reports (soft & 3 Nos. of signed hard copies) shall be submitted after incorporating the observations from Client.
- m. Final report shall be submitted after incorporating the observations from Client.
- n. All data, information, documents, reports, specifications and similar materials etc. made under this contract are meant for this work only and upon completion of the work become the property of the Client. Agency may retain copies of said data or documents for his records, but such materials shall not be used by the agency for any other purpose.
- o. Agency shall take all the SPT/UDS samples and selected rock core samples from the core boxes for laboratory testing. The space occupied by the selected core samples should be labelled properly in the core box for easy identification, up to the satisfaction of Engineer-in-charge.
- p. Final report should also include the photographs of the investigation sites, ground water data and GPS co-ordinates as per the APUIAML benchmarks/ control network.

Part C: Test pits for original ground level

For the purpose of OGL soil investigations, test pits of size 1 m X 1 m are excavated on the proposed carriageway. Soil samples of about 60 kg are collected from the excavated pits and the following activities are to be carried out:

List of Tests Performed on OGL {Original Ground Level Soil}:

Sl. No	Description of Test	Test Method
1	Grain size analysis	IS:2720 - Part 4
2	Atterberg Limits	IS:2720 - Part 5
3	Modified Proctor Test	IS:2720 - Part 8
4	CBR 4 days Soaked	IS:2720 — Part 16
5	Free Swell Index (FSI)	IS:2720 - Part 40

Final report should also include the photographs of the investigation sites, ground water data and GPS co-ordinates as per the APUIAML benchmarks/ control network.

2. OTHERS

6.1 General Instructions

- All Geotechnical Investigations at each work location and data collection shall be carried out by the agency in the prescribed format agreed with APUIAML.
- The Calibration Certificate for the instruments used shall be submitted to APUIAML
- All data sheets shall be provided to APUIAML upon completion of each site works.
- All data needs to be entered by the agency in the format agreed with APUIAML.
- APUIAML representatives visiting the site shall be extended full cooperation and they shall be explained about methodology adopted and shall be appraised about the measures adopted for accuracy of work.
- The schedule of site works including should be approved by APUIAML before commencement of work.
- The quoted rates shall be inclusive of the cost of labor, materials, equipment, transport, insurance, punching of data in prescribed format, and reports etc. and no other charges whatsoever shall be entertained in any circumstances.
- The number of sample sizes to be collected and number of locations in each site location is subject to change at the time of issue of work order.
- The Agency at its cost shall ensure all safety measures and APUIAML shall hold no responsibilities in this regard.

3. DELIVERABLES

- The data shall be submitted by the agency in the agreed format in agreed software.
 - All field survey sheets, observations, drawings and other documents containing field data gathered during survey shall be handed over to the client and Agency shall have no claim or use whatsoever. The agency shall not reproduce any data collected from the work in any form.
 - Survey Data Analysis Report shall be submitted by the agency in the agreed format
 - The soft copy of the drawings, database and report in Word /Excel /PPT/Dwg/PDF /shape/Dbx. Etc. format needs to be submitted at each stage along with the above.
 - The format for submission of the data and report shall be discussed and agreed with the client and the reports shall be in submitted in the format agreed upon.
 - No other payment shall be made towards out-of-pocket expenses.
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4. EFFECTING PAYMENTS TO THE AGENCY

- The payment to the Agency shall be paid based on milestone. APUIAML would approve for each deliverable for respective milestones.

5. DEDUCTIONS

- All payments to the Agency under the terms of engagement are subject to tax deduction at source under Income Tax Act and any other enactment that may be in force from time to time. The client will also be entitled to deduct from the payment due to any dues payable by the agency to the client. The client shall provide to you within prescribed time limit the appropriate tax deduction certificate evidencing payment of such taxes.

6. EXECUTION OF THE ASSIGNMENT

- The Agency shall inform the progress of work to APUIAML from time to time.

7. OWNERSHIP OF COPYRIGHT

- Any deliverable prepared as a part of this assignment shall be the intellectual property of the APUIAML. The drawings, specifications, documents and reports, survey formats, filled data sheets etc prepared as instruments of service shall be the property of APUIAML whether the project, for which they are made, is executed or not. APUIAML shall retain copies of the agency's drawings, specifications and other documents for information and use in connection with the projects.

8. ARBITRATION

- All disputes or difference which may arise between APUIAML and the agency with regard to the meaning or interpretation or things done in pursuance of executed work-order, such disputes and difference shall be resolved mutually and if required and called for the same shall be referred for arbitration, which shall be conducted as per the provisions of the Arbitration and Conciliation Act 1996. Any dispute submitted to arbitration shall be considered by a mutually acceptable sole arbitrator. In case the Parties are unable to agree & decide on a sole arbitrator, then the dispute shall be considered by three arbitrators one to be appointed by APUIAML and one to be appointed by agency and the third arbitrator to be appointed jointly by the arbitrators of the Client and the agency. Each Party shall bear their respective cost to be incurred on the arbitration proceedings. The decision and award of the arbitrator shall be final and binding on the agency and the Client. Place of arbitration shall be Vijayawada, Andhra Pradesh and all the
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proceedings shall be done in English Language.

9. INDEMNITY

- In case of any dispute, controversy, litigation, public agitation etc. connected with the with the services rendered/ being rendered by agency or arising out of any matter connected with or incidental to the services provided/ or being provided by agency or for any other reason, the agency shall indemnify and keep indemnified and hold APUIAML, its employees, authorized representatives, agents harmless from and against all costs, claims, damages, proceedings, liability, including fees paid to legal counsels etc. in this behalf.

10. CONFIDENTIALITY

- The Agency shall not disclose to anyone either during carrying out the services or within two years after completion of this assignment, any confidential or proprietary information relating to the Project or the APUIAML's business affairs or operations without the prior written consent of APUIAML.

11. GENERAL

- APUIAML may make such rules and/ or lay out such procedures as may be deemed necessary for the implementation/ administration of the terms and conditions of your employment as stated in this work order with due intimation to you and the same will be binding on you.

12. DELIVERABLES

- The agency shall conduct the Geotechnical Investigations at all locations within 10 days after issue of Work Order
- The agency shall submit the Reports to APUIAML within a week time after completion of Site Works

13. PAYMENT TERMS

The payment terms for each of the assignment are as follows.

S.No	Payment Milestones	% Payment
1	Against mobilization of equipment at each site*	50% of equipment mobilization fee quoted as per the Item number 1 in Financial Proposal or fee paid on pro-rata basis of each site wise
2	After completion of sample collection and submitted the	30% of equipment mobilization fee quoted as per the Item number 1 in Financial Proposal or fee paid on

	samples to Laboratory for Testing	pro-rata basis in case of site wise Plus 50% payment against the item number 2,3,4 and 5 of the financial proposal based on actual drilling of holes and trial pits mentioned in financial proposal or Pro-rata basis of each site (as per actual quantities of work done)
3	Against submission report duly approved by APUIAML	<ol style="list-style-type: none"> 1. Balance payment i.e. 20% against the Item Number 1 of Finance Proposal or Pro-rata of each site 2. Remaining 50% payment against the item number 2,3,4 and 5 of the financial proposal based on actual drilling of holes and collection of soil samples mentioned in financial proposal or Pro-rata on each site (as per the actual quantities of work done)

*For arriving at the number of mobilizations of the Agency during an assignment, the Agency shall submit its work plan and mobilization plan of the machinery and based on prior approval of APUIAML, the same would be considered. The mobilization of the machinery at site by the Agency shall be planned in such a way that the testing of the nearby points (within 10 Km radius) are covered under this mobilization only. For all nearby points, mobilization is considered as one item. If the machinery is shifted by more than 10 Km, then only it will be eligible for another mobilization claim.

Note: APUIAML may omit some items from the BOQ and issue work order to the agency. Payment shall be made accordingly.

ANNEXURE-1: PROOF OF RFQ PROCESSING FEE

ANNEXURE-2: FIRM REGISTRATION CERTIFICATE

ANNEXURE 3: GST/PAN/TAN CERTIFICATES

ANNEXURE 4: FINANCIAL TURNOVER DETAILS

Turnover Certificate

Certified that this is the annual turnover of the company as per returns filed with income tax department :

Name of the company:

Address of the Company:

Financial Year	Turnover in Rs Lakhs

Signature of the Chartered Accountant

Membership No:

Date and Seal:

ANNEXURE 5: LIST OF EQUIPMENT AVAILABLE WITH BIDDER

Following is the list of equipment available with the bidder:

S No	Name of equipment	Specifications and year of manufacturing	Owned/ Leased

Signature of the bidder:

ANNEXURE 6: EXPERIENCE DETAILS

FY#	Name of Assignment	Client*	Location of Works carried out by the agency for similar Works with supporting documents as proof	Value of Assignment (in Rs Lakhs)	Details of proof attached
	1.				
	2.				
	3.				
	Total				

Financial year shall be 2022-23 or 23-24 or 24-25

* work undertaken for State/Central/PSUs /any other Government entities either on their own or through other Consultants (work orders/ completion certificates) to be submitted

Note: The total of assignment value from maximum three projects shall not be less than Rs.25 Lakhs

Signature of the bidder:

ANNEXURE 7- FINANCIAL PROPOSAL FORMAT

#	Test Type	Unit	Quantity	Rate quoted by Agency		
				Region 1: North Andhra	Region 2: Coastal Andhra	Region 3: Rayalaseema
Part A: Mobilisation and Demobilisation: The rate is applicable for any location in a particular region. In addition to the Mobilisation and demobilisation, the rate shall also include Installation of Temporary Platform on Sand bags or boats / floating pontoon as deemed necessary for erection of boring / drilling rig, drilling under water, tankers, water requirements etc as the case may be.						
1	Mobilization of Hydraulic drilling rig with all accessories like drill rods, casing pipes, S.P.T. equipment etc., which are required for boring and sample collection at each site including Mobilisation & De mobilisation charges of equipment's, transfer of one location to another location*.	Each	1			
Part B: Sub Surface Exploration: Rates are inclusive of field activity (drilling, field testing and logging all the samples collected including core logs for Rocky strata), conducting required laboratory tests in NABL authenticated laboratory, analysis and design of foundations, finally recommending the type & depth of foundations along with recommended SBC/Pile Capacities, preparation and submission of Geotechnical report. Recommendations made in report shall be acceptable to the client, hence any revisions required in the process shall be the responsibility of the agency itself.						
2	Drilling of exploratory boreholes of 150mm diameter by rotary drilling equipment through all types of soils except rock from existing ground level to specified depth below GL including collecting undisturbed samples (UDS) (in case of clayey strata continuous UDS is preferable), disturbed samples @ every 3 m interval and SPT @ every 1.5m depth interval under technical supervisor/ Engineer of the agency, preparation and submission of site & final bore logs, preserving &transporting the samples to laboratory and undertaking necessary laboratory tests as per IS 1892-1979 and any other IS codes as applicable . The strata shall be treated as soil up to N value equal to 100 (SCR < 10%)	Running Meter	15			
3	Drilling in boulders/ all type of rock/ SDP/Weathered rock and hard rock using NX casing bit including collection of rock core samples, logging in standard core log sheet, preserving &submitting the soil/ selected core samples to laboratory and undertaking necessary laboratory tests as per IS 10042- 1981 & IS 4078-1980 and any other IS codes as applicable. This item is for strata having CR>10% but <50% or RQD up to 30%.	Running Meter	9			
4	Drilling in all types of hard rock with double core barrel using NX diamond bit up to a depth of maximum 3 m for confirmation of hard rock strata including collection of rock core samples, logging in standard core log sheet, preserving the cores in standard core box and submitting	Running Meter	6			

	the same to laboratory and undertaking necessary laboratory tests as per IS 1892-1979 & IS 4078-1980 or any other relevant IS Codes. Hard rock shall be confirmed by having core recovery more than 50% or RQD greater than 30%.					
Part c: Trial Pits						
5	Digging of trial pit 1mx1m size and the following activities to be carried out: <ul style="list-style-type: none"> • Grain size analysis • Atterberg Limits • Modified Proctor test • CBR 4 days soaked • Free Swell Index 	Each Trial Pit	5			
	Total Amount					

*Mobilisation and Demobilisation charges are applicable once for mobilizing and demobilizing the equipment for the first time at site and thereafter if the machinery is required to be shifted for more than 10 Km radius. The mobilisation and demobilization plan of the equipment shall be prior approved from APUIAML.

NOTE:

1. The quotes provided shall be exclusive of applicable taxes.
2. The quantities indicated in the above table are for the purpose of arriving at the unit rates of various items only. Actual quantities for various works and the items shall be intimated to the empanelled bidder based on Projects requirement of APUIAML
3. The above quantities are indicative and likely to increase or decrease during the empanelled period based on the assignment
4. Payment shall be made as per the actual quantities executed in each location at the site.
5. The selection of agencies will be done region wise. The bidder can submit either any one region or for two regions or for all three regions separate rates.
6. It is to be noted that, APUIAML reserves the right not to utilize the empanelled geotechnical agencies for any of its works during the empanelled period and may engage any other agency for geotechnical works.

Signature of the bidder:
