COEP Technological University

(COEP Tech)

A Unitary Public University of Government of Maharashtra

(Formerly College of Engineering Pune)

Department of Computer Engineering and IT

Wellesley Road, Shivajinagar, Pune-411005, Maharashtra, India

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Enquiry Letter

Sealed Quotation is invited bythe Department of Computer Engineering and Information Technology from reputed vendors/reseller/suppliers/service providers for the Dataset ServicesforProject Work.

Enquiry Number & Date	COEPTU/Comp-IT/Enq/Project-Dataset Services/VZA/2023-24/1229
Enquiry Date	24/07/2023
Material/Instrument Description & Qty	Providing Dataset Services Detailed Technical Specification and other details Annexure-'A' Attached
Location/ Technical Clarification	Dr.Mrs.V.Z.Attar, Principal Investigator, Department of CE &IT Tel-020-25507304,Email-vahida.comp@coeptech.ac.in
Quotation Submission Date@ Time	Up to 31/07/2023 @ 4.00pm
Quotation Submission Place	Establishment Office, Inward Section, COEP Technological University Pune Wellesley Road, Shivajinagar, Pune-411005

Terms &Conditions: -

1. Fax and Email quotation are not acceptable.
2. The taxes, insurance, freight, packing and forwarding charges if any be quoted in Indian Rupees separately.
3. The rates shall be valid for 90days.
4. Validity: Quotation Validity at least 90 days from the due date.
5. Quotations Shall Be Sent in Sealed Envelopes Clearly Marked Quotation forProviding Dataset Services addressed to The Head, Department of Computer & IT,COEP Technological University Pune-411 005.
6. Payment will be paid after satisfactory delivery of images in stages mentioned below:

   i) Stage 1:12500 images as mentionedin specifications (Refer Annexure A)

   ii) Stage 2: 12500 images as mentioned in specifications(Refer Annexure A)

   iii) Stage 3: 12500 images as mentioned in specifications (Refer Annexure A)

   iv) Stage 4: 12500 images as mentioned in specifications (Refer Annexure A)
7. Quotation(s) received after last date of Quotation submission will be rejected.
8. Delivery/Work Period and Terms Conditions should be mentioned clearly.

9. Delivery/Work:The penalty conditions are applicable for the late delivery as per following Government norms. In such case penalty for delay in proportion to the cost of images
   a) at the rate of 0.5 % per week; maximum limit of 10% shall be charged in case of PO value is less than 2 Lakh.

   OR

   b) at the rate of 0.5 per week; maximum limit of 5% shall be charged in case of PO value is 2 Lakh and above.

10. Optional items (if any) should be quoted in separate sheet otherwise your quote will be rejected.
11. TheCompany should have minimum two years of experience in the Providing Dataset Services.
12. All following documents/certificate should be provided/attached.
    a) Incorporation Certificate/Firm Registration Certificate Copy.
    b) PAN Card Copy
    c) GST Certificate Copy
13. Company should have Researcher/Employee withPh.D. qualification and 25+ years of industrial experience.
14. Should have at least 2 AI ML based projects execution experience.
15. Company must have successfully executed projects like Weed Management for farmers or through Government funded scheme.
16. Company should have own robotics for capturing images.
17. Company should have formal collaboration with leading Agriculture University in India for seeking agriculture domain expertise.
18. Company should have agriculturists on board to provide agriculture domain knowledge
19. DPIIT recognized start up.
20. The Vice Chancellor of COEP Technological University Pune reserves right to reject any one or all the quotation(s) without assigning any reasons and shall not be required to give any reason in writing or otherwise at any time for rejection of the Item / Equipment

Head
Department of Computer Engineering and IT
COEP Technological University Pune

Annexure 'A'

Quotation for Providing Dataset Services.

Technical Specifications

Sr. No	Material Description	Specification	Images
1	Dataset Services	1.Capturing of 50,000 soybean images of 4 stages of Soybean crop (12500 images of each stage of Soybean) 2.Annotation and identification of different types of weeds (From Domain experts) 3.Classification of images captured (From Domain experts) a. Healthy Soybean b. Soybean with identified diseases i) Subfolder for each disease c. Soil samples of 4 stages	50K images

Note: Images should be delivered into four Stages of Kharif 2023 season having duration from (July end to November2023) whose schedule is described below:

Stage No	Name of stage	Days after sowing Tentative Duration
1	**Early Vegetative Stage**: After emergence, the soybean Plants enter the vegetative growth phase.	10 to 25 days (2nd Week of August 2023)
2	**Late Vegetative Stage:** Following the early vegetative Stage, the plants continue to grow and develop.	25 to 45 days (3rd Week of September2023)
3	**Reproductive Stage:** The reproductive stage is a crucial phase when the soybean plants start flowering and Producing pods.	Begins around 45 to 60 days last for approximately 30 to 45 days. (2nd week of October 2023)
54	**Mature Stage:**The final stage of the soybean crop is the Maturation period when the pods ripen, and the plants reach full maturity.	100 to 150 days after emergence (1st week of November 2023)

Head
Department of Computer Engineering and IT
COEP Technological University Pune