Proc/AIC-PECF/ 2023/**079** Dated: **09-02-2023**

Call for Limited Tender

Call for Limited Tender for the supply of **UAV LiDAR Scanning System for UAV LAB** at AIC-PECF**.**

i. Quotations are invited from reputed registered firms / companies / suppliers for the supply of **UAV LiDAR Scanning System for UAV LAB** at AIC-PECF by Atal Incubation Centre-Pondicherry Engineering College Foundation (AIC-PECF).

ii. The quotation must be sent in a sealed cover superscribed as "**Quotation/Proc/AIC-PECF/2023/079**" and must meet the conditions mentioned under the title "Terms and Conditions".

iii. Bidders should submit the Proforma as given in Annexure-1 and the Quotation as per the format given in Annexure-2.

iv. The Technical specifications of the items are furnished in Annexure – 3

v. All the Bid Documents should be addressed to

The Chief Executive Officer,
AIC-Pondicherry Engineering College Foundation
Puducherry Technological University Campus
Pillaichavady, Puducherry-605014.

vi. All the Bid Documents shall be signed and sealed by the competent authority of the supplier in the official letter head.

vii. All the Bid Documents shall be sent along with the data sheets of the equipment with make and specifications.

viii. The Bid Documents should reach on or before **18-02-2023 by 05.00 P.M.**

Chief Operating Officer

AIC-PECF

Terms and Conditions

1) Minimum 1 year of warranty cover for all the items and Service Support for 5 years.
2) The rate quoted should be preferably inclusive of all taxes / duties. otherwise the amount of taxes / duties should be mentioned separately, duly specifying the nature of tax / duty with the rate there of.
3) The supply should be FOR AIC-Pondicherry Engineering College Foundation, Pillaichavady, Puducherry – 605 014.
4) The Supplier will be responsible for the safe delivery of the items at our organization.
5) No Insurance Charges will be payable by our Organization.
6) All communication should be addressed to the Chief Executive Officer by designation and not by name.
7) Payment will be made by PFMS after the receipt of procured items in good condition and the Completion of Training/Demo of the Product to AICPECF Technical Staff.
8) Under no circumstances should the items be sent under freight to pay.
9) Goods not received in good condition and not according to specifications will be rejected outright.
10) Manufacturers/Suppliers name their trade mark and brand etc., should be mentioned in the bill.
11) Delivery period should be mentioned.
12) Quotation received after the due date shall be rejected and will not be considered.

Annexure – 1

(To be Printed in Supplier Letter Head)

Proforma of Bidder

1	**Company Name**	
2	**Date of Incorporation**	
3	**Full Address with Pincode**	
4	**GST**	
5	**PAN**	
6	**Email Address**	
7	**Mobile Number**	
8	**Website Address**	
9	**Name of the Authorized Signatory**	
10	**Experience in Years Supplying similar Items mentioned in Annexure-2**	

Annexure – 2

(The bidders are requested to quote the price in the format given below in Supplier Letter Head)

Sl No	Description of Items	Unit Price in INR (A)	Number of Units (B)	Total Price C=AxB	GST INR (D)	Total Price Including Tax (C+D)

Delivery Period : _____

Declaration:

We accept all the terms and condions as mentioned in tender notice. The above rates should be inclusive of all i.e. taxes, packing, delivery transportaon, installation etc.

Place :

Date :

Name : _____

Designation : _____

(_____)

Authorized Signature

with seal

Annexure – 3

S.NO	Product	Quantity
1	**UAV LiDAR Scanning System**	1

Specifications:

1	Laser Model	Livox Avia
2	Measuring Range	190m@10% Reflectivity
3	Laser class	905nm Class1 (IEC 60825-1:2014)
4	Laser line number	Equivalent to 64-beam
5	Mix. range	0.3 M
6	Range Precision	3 cm or Less
7	Update frequency	200HZ
8	Heading accuracy	0.040°
9	Pitch accuracy	0.015°
10	Rolling accuracy	0.015°
11	Position accuracy	0.02 - 0.05m
12	GNSS signal type	GPSL1/L2/L5 GLONASSL1/L2 BDS B1/B2/B3 GAL E1/E5a/5b
13	data	Triple echo, > 720,000 Points/Sec
14	FOV	70° the circular view
15	POS software	Output information: position, speed, attitude
16	Point cloud software	Output point cloud data format: LAS format, custom TXT format
17	FOV	83 Degree
18	Effective Pixel	>20 Mega Pixel
19	Trigger event	Distance or Time trigger

20	Weight	1022 g
21	Measuring accuracy	Less than 10 cm (110 m AGL)
22	Power range	12V~16V
23	Working temperature	-20℃~+55℃
24	Consumption	Average 20W
25	Support Platform	GS-800 Multi Rotor, VTOL Fixed Wing
26	Storage	64 GB storage, maximum support 128GB TF card