

# SINDH AGRICULTURE UNIVERSITY, TANDOJAM

No: PO/SAU/ 275-77

of 2025,

Dated: - 11-11-2025

To,

M/s. Reidius Technologies,  
No: Office No. 06, Village Garden Society,  
Bwp, Bypass Road  
Multan.

Subject: AWARD OF TENDER FOR PROCUREMENT OF EQUIPMENT FOR PRINCIPAL INVESTIGATOR, PROJECT ENTITLED "STRENGTHENING OF POSTGRADUATE LABORATORY FOR COMPREHENSIVE EVALUATION OF FRUIT AND ROOT INTEGRITY" FOR DEPARTMENT OF HORTICULTURE, FACULTY OF CROP PRODUCTION SINDH AGRICULTURE UNIVERSITY, TANDOJAM

With reference to this office NIT No: PSO/SAU-2025/110-13 and Dated:- 14-02-2024, the technical opened on 04.03.2025 a 12.30 P.M and financial opened on 24.03.2025 at 11.30 A.M for Procurement of Equipment.

The tender opening committee evaluated all the bids in accordance with the eligibility criteria set forth in the "Tender". We would like to inform you that according to bid evaluation procedure your firm have qualified in the following;

Tender Serial No:	Name of Items	Remarks
01.	<i>Root Analysis System included PC Analysis Software With Compatible with Laptop 13<sup>th</sup> Generation for above</i>	Qualified
Note: - If required; for more clarification please refer hoisted MoM, BER, TER sheets at SPPRA/SAU website		

Further you are requested to submit the following as prerequisite documents as stated in tender documents at page No. 34-35.

- Performance Security 05% as per SPPRA rule-39 of the offered bid in shape of pay Order/Bank Draft in the name of Director Finance, Sindh Agriculture University, Tandojam (Form is enclosed).
- The contract agreements on stamp paper of RS.100.00 (Rupees: One Hundred Only) by pasting stamp duties for value of Rs 3.5 on per thousand (PKRs1000) and must be signed & stamp by Oath Commissioner as notified by the Govt. of Sindh, Agriculture University, Tandojam (Sample is attached).

*Note - Attached forms must be properly filled, signed and stamped by concern official.*

This may please be treated as **MOST URGENT.**



**Director Finance**  
Sindh Agriculture University  
Tandojam

**C.C to:-**

1. The Chairman, University Purchase Committee, S.A.U, Tandojam.
2. Dr. Noor un nisa Memon Focal Person Department of Horticulture S.A.U Tandojam.



**PURCHASE ORDER (P.O)**  
**Sindh Agriculture University, Tandojam**

No: PO/SAU/ 281-86 / of 2025, Dated:- 11-4-2025

M/s. Reidius Technologies, No: Office No. 06, Village Garden Society, Bwp, Bypass Road Multan.	Is the supplier liable for GST withholding?	YES
	Is the supplier liable for WHT withholding ?	YES
	STN Registration Number.	
	NTN Number.	5418453-3
	Mobile Number.	+92-302-7419240
E: Mail.	Retch.pk@gmail.com	

**Subject:-** TENDER FOR PROCUREMENT OF EQUIPMENT FOR PRINCIPAL INVESTIGATOR, PROJECT ENTITLED "STRENGTHENING OF POSTGRADUATE LABORATORY FOR COMPREHENSIVE EVALUATION OF FRUIT AND ROOT INTEGRITY" FOR DEPARTMENT OF HORTICULTURE, FACULTY OF CROP PRODUCTION SINDH AGRICULTURE UNIVERSITY, TANDOJAM

With reference to subjected technical opened on 04.03.2025 a 12.30 P.M and financial opened on 24.03.2025 at 11.30 A.M the competent authority has approved the quoted offer of your firm, therefore, it is intimated for supply of "Root Analysis System included PC Analysis Software With Compatible with Laptop 13<sup>th</sup> Generation for above" as per detail given below (within 45 Days) after receipt of this supply order.

Tender Serial No:	Item Descriptions	Qty	Unit Price	Total Price Inclusive Tax in PKRs
01.	<p><b><u>Root Analysis System included PC Analysis Software with compatible Laptop 13<sup>th</sup> Generation and above.</u></b></p> <p><b>Image preprocessing</b></p> <ul style="list-style-type: none"><li>• Binarization: when the target and background are similar, adjust the threshold to high light the target contour.</li></ul> <p><b>Impurity elimination:</b></p> <ul style="list-style-type: none"><li>• after setting a pixel value, the software automatically removes the independent points smaller than the pixel in the picture, so as to ensure that the analysis is not affected by impurities and is more accurate. 1.3 Free selection of target area: analyze a part of root system.</li></ul> <p><b>Auxiliary measurement function</b></p> <ul style="list-style-type: none"><li>• Zoom in and zoom out: zoom in and out of the picture so as to observe and adjust the local root system.</li><li>• Automatic calibration: after the user inputs the scanned pixels, the software automatically converts the actual length.</li></ul> <p><b>Save pictures, export and add data</b></p> <ul style="list-style-type: none"><li>• Save pictures and data export: export pictures or data to the specified folder. 3.2 Data addition: append the data to the bottom of the specified file.</li></ul> <p><b>Automatic analysis in large quantities</b></p> <ul style="list-style-type: none"><li>• After opening more than one picture, the analysis will be carried out automatically, and the analysis progress will be displayed. After the analysis is completed, it will be automatically exported to the fixed folder.</li></ul> <p><b>Original to original pictures:</b></p> <ul style="list-style-type: none"><li>• After the analysis or operation of the picture, restore the picture to the state when it was just opened.</li></ul> <p><b>Manual correction analysis results:</b></p> <ul style="list-style-type: none"><li>• Merge bifurcation, delete connection, merge apices, disconnect, deburring The core function of the products on the market is root phenotype analysis, which is analyzed by PC software after obtaining images by</li></ul>	01	Rs. 2,698,660	Rs. 2,698,660

	<p>scanning means. After the analysis, in addition to the morphological parameters of roots, structural parameters, including structural parameters and geometric (topological) parameters distinguished from root diameter and color, are also generated. Although the products on the market have complete functions, the software interface is complex and the operation threshold is high, which leads to the root phenotype analysis can not be popularized. After studying the usage scenarios of the target users, we developed this client-side software for measuring and analyzing root phenotype.</p> <ul style="list-style-type: none"> <li>• It has clear interface design and modular function design, which makes the learning cost of software products low and easy to use.</li> <li>• Clear interface design and modular function design. The cost of learning is lower, and the operation is more convenient and fluent. The analysis results are more accurate</li> <li>• Overall parameters: Number of apices: the total number of apices, equal to the number of terminal junctions Range: 0-1000 Accuracy: error &lt; 5% Root length: the total length of root system, including main root and secondary root Range: 0-10000 mm</li> <li>• Accuracy: error &lt; 3.65%</li> <li>• Average diameter: the average diameter of the root system</li> <li>• Range: 0-20 mm Accuracy: error &lt; 0.04%</li> <li>• Projection area: the projection area of the whole root system</li> <li>• Range: 0-200000 mm<sup>2</sup></li> <li>• Accuracy: error &lt; 4.02%</li> <li>• Surface area: the total surface area</li> <li>• Range: 0-1000000 mm<sup>2</sup></li> <li>• Accuracy: error &lt; 3.75%</li> <li>• Volume: overall volume Range: 0-200000000 mm<sup>3</sup></li> <li>• Accuracy: error &lt; 3.82% 2.</li> <li>• Topological analysis parameters (relatively complete root system required)</li> <li>• Quantity: the sum of the number of roots at all levels</li> <li>• Range: 0-1,00 Connection number: the total number of connections on the lateral roots at all levels Range: 0-100 Length: the total length of lateral roots at all levels Range: 0-10000 mm Diameter: average diameter of lateral roots at all levels Range: 0-20 mm</li> <li>• Surface area: the total surface area of lateral roots at all levels</li> <li>• Range: 0-1000000 mm<sup>2</sup> Volume: the total volume of lateral roots at all levels</li> <li>• Range: 0-200000000 mm<sup>3</sup> Projection area: the sum of the projected areas of lateral roots at all levels Range: 0-200000 mm<sup>2</sup></li> </ul> <p><b>Model No: GXY-B</b> <b>Brand : Top Cloud –Agri Technology Co, Ltd. PRC</b></p>		
<b>Total Gross</b>	<b>Two Million Six Hundred Ninety Eight Thousand Six Hundred Sixty Only</b>	<b>Rs. 2,698,660</b>	
<ul style="list-style-type: none"> <li>• The Terms and Conditions are same as described in bidding documents</li> </ul>			

CHECKED BY: PURCHASE AND STORE OFFICER

DIRECTOR FINANCE AUTHORIZATION:

PROCUREMENT OFFICER  
Sindh Agriculture University  
Tando Jam

  
DIRECTOR FINANCE  
Sindh Agriculture University  
Tando Jam.

C.C to:-

1. The Chairman, University Purchase Committee, S.A.U, Tandojam.
2. Dr. Noor un nisa Memon Focal Person Department of Horticulture S.A.U Tandojam.
3. The Deputy Director Finance, S.A.U, Tandojam.
4. The Resident Auditor, S.A.U, Tandojam.
5. The Budget Officer, S.A.U, Tandojam

# SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

## **CONTRACT EVALUATION FORM**

### **TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS**

Sindh Agriculture University Tandojam

1) NAME OF THE ORGANIZATION / DEPTT. \_\_\_\_\_  
2) PROVINCIAL / LOCAL GOVT./ OTHER Autonomous Body  
3) TITLE OF CONTRACT TENDER FOR PROCUREMENT OF EQUIPMENT FOR PRINCIPAL INVESTIGATOR PROJECT ENTITLED ' '  
4) TENDER NUMBER NIT No: PO/SAU-2025/110-13 Dated:- 14-02-2025 Hoisted on ERADS S.260281572 Dated:- 17.02.2025  
5) BRIEF DESCRIPTION OF CONTRACT \_\_\_\_\_  
6) FORUM THAT APPROVED THE SCHEME Vice Chancellor  
7) TENDER ESTIMATED VALUE 2.850  
8) ENGINEER'S ESTIMATE N/A  
(For civil works only)  
9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 45 Days  
10) TENDER OPENED ON (DATE & TIME) 24.03.2025 at 11.30 AM  
11) NUMBER OF TENDER DOCUMENTS SOLD 02  
(Attach list of buyers)  
12) NUMBER OF BIDS RECEIVED 02  
13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 2  
14) BID EVALUATION REPORT Attached  
(Enclose a copy)  
15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/S Reidius Technologies, Multan  
16) CONTRACT AWARD PRICE 2698660  
17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT 1ST M/S Reidius Technologies, Multan  
(i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID). \_\_\_\_\_

18) METHOD OF PROCUREMENT USED :- (Tick one)

- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE No  Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE Yes
- c) TWO STAGE BIDDING PROCEDURE No
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE No

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT \_\_\_\_\_

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website  
(If yes, give date and SPPRA Identification No.)

Yes	EPADS-S-250261572 Dated: 17-02-2025
No	

ii) News Papers  
(If yes, give names of newspapers and dates)

Yes	
No	No

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A  
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED  
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY  
COMPLIANT?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT  
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF  
CONTRACT?  
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	No

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS  
(If yes, give details)

Yes	
No	No

33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons)

Yes	
No	No

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give detailed reasons.)

Yes	
No	No

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	

Signature & Official Stamp of  
Authorized Officer



**DIRECTOR FINANCE**  
Sindh Agriculture University  
Tando Jam.

**FOR OFFICE USE ONLY**

***SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi***  
***Tele: 021-9205356; 021-9205369 & Fax: 021-9206291***

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