



NAGALAND UNIVERSITY
(A Central University Established by an Act No. 35 of Parliament 1989)
School of Agricultural Sciences & Rural Development
Medziphema Campus – 797 106 (Nagaland)

No: SAMN/ADMN/PRJ/E-173/21-989

Dated 09.09.2021

NOTICE INVITING TENDER

Nagaland University, SASRD Campus Medziphema invites sealed tender from interested Contactors/Manufacturers/Dealers/Suppliers for the under mentioned works under DBT-Sponsored Project- "Collection, Conservation and Morphophenological characterization of citrus germplasm of North East Region" at SASRD, Nagaland University, Medziphema. The detail list and specifications of the same may be downloaded from Nagaland University website-www.nagalanduniversity.ac.in. The last date for submission of the same is 30.09.2021.

Sl.No	Name of work	Tender amount	Earnest money	Time for completion
1.	Construction of Shed Net house (600 sqm)	Rs 10,00,000	Rs 20,000	60 days

Sd/-
(M.Aleminla Ao)
Pro Vice Chancellor

Copy to:

1. Prof C.S Maiti, Principal Investigator, DBT-Citrus Project, for information.
2. The System Administrator, Nagaland University, Headquarters, Lumami, for information and further needful action.
3. Notice board.
4. Office copy.


(Otova Swu)
Deputy Registrar

Name of Work—Shade net house

Project:DBT funded project on "Collection, conservation, Morphological-phenological and Molecular characterization of citrus germplasm of NER".

Nos of chamber – 1 unit

Details Specification

Sl no	Specification		Unit
1	Area	600 sqm	1 unit
2	Dimension	24 x 25	
3	Shape	Arch / ventilated	
4	Size	6 m center height, 4.5 m side height	
5	Buffer Room	Buffer room with Double door system (size 6'x3'), Lockable top & bottom tracks, jambs, flashings & installation hardware. Covering with 6mm diffused polycarbonate *All the control system, switching unit etc. in side the room. *Suitable lighting system with exhaust fan in this facility.	1 unit
6	Constructing Materials	All structures, Rafters, Perlins, Trusses complete are to made of hot dip galvanized iron. The structure made with the following combination of GI pipe (thickness 2.3mm). All G.I. steel and Design as per I.S 875 Standards to take withstand of wind speed km/ hour. Main column = 50mm Gable column=32mm Bottom Chord=25mm Top big Chord=25mm Top small chord=25mm Top Gutter purlin=32mm	1 unit
7	Working Bench	Rust free working station for associated work of citrus project.	1 unit

8	Internal shading system	Manual rollable shading with 50% shade net for protection from extra heat with all rolling accessories.	1 unit
9	humidity sensor	The proposed chamber will be equipped with humidifier (as desired up to 80%) or de humidification fan.	1 unit
10	Civil construction/work	<p>Foundation wall: Across the complete side of Green house including the Buffer/ Pre- entry room will be as per norms of PWD.</p> <p>Foundation wall- For all side of the chamber 1' below to the surface and 1' above earth surface as kick board 9" widh. Frame base block height 2' with plaster. Floor will be filled by earth up to 1' from the surface with compression.</p> <p>Foot path 1m wide and 10cm thick made by interlocking paving blocks.</p> <p>Drainage system- Provision for proper drainage with slope will be provided.</p>	1 Unit
11	Over head tank , sprinkler & fogging system	Over head tank of 1000 lt capacity with 1 HP motor, all connecting pipe to the house & all accessories of sprinkler irrigation & fogging system.	1 Unit
12	Cladding	Roof will be covered by 50% UV Stablized shade net. side also will be covered by 50% UV stabilized shade net & to be fitted by Alluminium profile, Zig-zag spring , SDS etc along with other accessories	1 unit

13	Electrical Panel	Electrical items such as pump. Lighting, voltmeter, amp-meter etc will have electrical panel (push Button) which comply with CPRI guideline.	1 Unit
14	Control panel (Light & temperature control system)	The complete proposed facility with a programmable control system (PLC) should be equipped with the following facility: *Programmable photoperiodic timer Clock Accuracy : +/- 2.5 Sec/day@ 20 Degree centigrade Programming : 1 channel/ 7 days with 16 memory locations Adjustment : In minutes Running Reverse: 1200 to 1500 Hrs *Temperature control system : Range : 0.1 to 59.9 degree centigrade Hysteresis : 0.4 degree centigrade with sensor. Probe : Sensor cord 15 meters (1 no)	1 unit
17	Fitting & fixing charge	Fitting & fixing charge	1 unit
18	Transportation	Transportation up to the project site.	1 unit