

Fax : 08255-239666
Email : aaocprivtl@gmail.com

भा.कृ.अ.प - केन्द्रीय रोपण फ़सल अनुसंधान संस्थान
(भारतीय कृषि अनुसंधान परिषद)
प्रादेशिक केंद्र, विट्टल-574243, कर्नाटक, भारत

Phone : Head:(08255)265289
(Res):(08255)239244
PABX: (08255)239238
239222



ICAR-CENTRAL PLANTATION CROPS RESEARCH INSTITUTE
REGIONAL STATION, VITTAL - 574 243, KARNATAKA, INDIA



F No. 328/2017-DCCD-Stores

Date:03.03.2018

TENDER NOTICE

Sealed tenders are invited from registered dealers/suppliers for taking up the following work at this station on contract basis on the terms and conditions given below:

Sl.No	Description	Quantity	Amount
01	Supply and installation of Hi Tech Green house 240 sq.m with fan and pad cooling system	1	
(i)	Structure	Pre galvanized channel cum tubular structure, state of the art pre galvanized lipped channel structure, will be prefabricated and to get fast installation at site all structures will be assembled with nut bolts. With this facility the entire structure can be shifted anywhere in future with minimal wastage like civil works.	
(ii)	Grid size	8 m x 4 m balcony/ canopy along all 4 sides, 2 m	
(iii)	Area	240 sq. m (30 m length and 8 m width)	
(iv)	Gutter height	4 m	
(v)	Ridge height	5.5- 5.75 m	
(vi)	Gutter slope	1-2% to be provided in civil structural work	
(vii)	Columns	10mm x 50mm x 80mm X 50mm x 10mm, 2.9mm thick Pre galvanized Lipped Channel.	
(viii)	Foundation	10mm X 55mm X 85mm X 55mm X 10mm, 2mm thick, Pre- Galvanized lipped Channel	
(ix)	Balcony	10mm X 40mm X 60mm X 40mm X 10mm, 2mm thick, Pre- Galvanized lipped Channel	
(x)	Purlins	10mm X 40mm X 60mm X 40mm X 10mm, 2mm thick, Pre- Galvanized lipped Channel	
(xi)	Trusses	Trusses of size 40 mm x 25 mm of 2 mm thickness Structural members to be fitted in plated nuts, bolts and washers without welding.	
(xii)	Covering	U. V. stabilized Polyethylene film 200 micron thickness, IR blocking, Anti drip/ fog, Diffused (Multilayer) for covering.	
(xiii)	Locking profile	Alluminium locking profile with zig zag spring for poly film fixing at gutters and sides	
(xiv)	Bracing	Bracing 33 mm OD/2 mm thick G.I. Pipe	

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(xv)	Thermal Net	UV Stabilized Thermal Net 50% (Silver Colour) inside Greenhouse with Manual collapsible arrangement.
(xvi)	Exhaust Fan	Exhaust fan of 48" with 6 no. of blades with 1.5 hp motor belt drive with Galvanized body with louvers.
(xvii)	Cooling Pad	Cellulose cooling pad of size 0.1 m thick size along with Galvanized water collecting gutter, profiles to fix pads, PVC Water Distribution System, Pump complete.
(xviii)	Insect Net	Insect Net 40 mesh on cooling pad from outside.
(xix)	Control Panel	Electrical control panel (Indian) which consist of MCB, relay, Contractors. Three way switch, Volt meter, RYB indicator with temperature and humidity sensor to operate fogging system and cooling system in Auto mode
(xx)	Electrical cables	Electrical cables for Fan Motors and cooling pad pump from panel (i.e. 10 m from greenhouse)
(xxi)	Roof Water Pipe	PVC pipe for collection of Roof water Rain water of size 110mm X 4 Kg/cm ² and 4m length from funnel at gutter level upto the ground.
(xxii)	Fogging System	Four way anti-leak foggers with 28lph discharge which gives very fine droplet size, PVC pipes of 6 Kg/cm ² pressure rating of various sizes, PVC ball valves, Flush valves for flushing of submain, Common Pumping & Filtration Unit etc.
(xxiii)	Sprinkler System	It consists of overhead anti leak sprinkler 70lph /43 lph at spacing 4m X 4m spacing Modular sprinkler, LLDPE laterals 16 mm, PVC pipe of various sizes, PVC valves, fittings & Accessories, Common Pump and Filtration Unit.


Terms and conditions:

1. No implements will be provided departmentally. Tractor will be provided for transporting on payment basis whenever it is available
2. The work should be commenced forthwith upon issue of work order. All the work should be done as per the instructions of Dr.Elain Apshara, Pr. Scientist
3. The rate may be quoted per Sq.meter.
4. Security Deposit that is equal to 5% of the amount involved for the work to be deposited before commencement of work.
5. Payment will be made after satisfactory completion of supply/work and production of bill duly certified by the concerned. 14 digits Bank Account Number with bank details should be provided for arranging e-payment.
6. Income tax as per rules will be recovered from the contract bill. Any other taxes imposed by the Gov., will have to be beared by the contractor and will have to abide all the relevant labour/other laws of the land.
7. In case of failure to undertake the work satisfactorily, the security deposit made is liable to be forfeited.
8. EARNEST MONEY @ **Rs.12,000/-** must be enclosed by demand draft drawn in favour of "ICAR Unit CPCRI,RS, Vittal" on Syndicate Bank, Vittal" alongwith the quotation. Also, a copy of all documents relating to supply/ carry out the work should be attached to the quotation.
9. The Head of the Station reserves the right to accept or reject any tender without assigning any reason.
10. Please quote your permanent IT account number on your tender without which the same will not be entertained.

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11. If you are engaging 10 or more workmen in any day, for the above work, registration under Contract Labour (Regulation and Abolition Act.1970.) Act is mandatory.
If engaging less than 10 workmen for the above work, an undertaking to this effect is to be furnished.

Interested parties may submit their tender in a sealed cover addressed to "the Head, CPCRI RS, Vittal" and superscripted as "**Tender for supply and installation of Hi Tech Green house**" so as to reach this office on or before **19.03.2018 at 03.00 PM**. Tender will be opened on **19.03.2018** at 3.15 PM in the presence of the available tenderers.


Asst. Administrative officer
For Head

Copy to,

1. Dr.Elain Apshara, Pr.Scientist, CPCRI RS, Vittal for na. (Mob no - 9449809566)
2. Asst.Finance & Accounts Officer, CPCRI RS, Vittal
3. CPCRI, Website
4. Guard file