



Pir Mehr Ali Shah
University of Arid Agriculture Rawalpindi
(Demonstrational Hydroponics model of vegetable production under shade house”)

TENDER NOTICE

Sealed tenders are invited on FOR University campus basis from reputable and well established firms/companies registered with Sales Tax and Income Tax Departments for:

1. Demonstrational Hydroponics model of vegetable production under shade house (1 kanal)

The interested bidders shall submit their bids comprise in single stage one envelop procedure according to PPRA rule 36 (a).The firms/companies are requested to submit their offers with company profile and clients list with 5% Earnest Money equivalent to value of bid submitted in favor of Treasurer, Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi, latest by 15th day from the date of printing of advertisement in the newspapers by 1100 hours in the office of the Assistant Registrar (Purchase) of the University. The tenders will be opened on the same day at 11:30 hours in the office of the Chairman, Purchase Committee, in the presence of those bidders who may wish to participate. Detailed specifications of above items can be obtained from the office of the Assistant Registrar (Purchase) of the University during working hours from 900 to 1400 hours **on cash payment of Rs.500/- (Non Refundable) as tender fee.** 10 % of the value of the order placed will be deducted from firm's bill which will be retained for six months and it will be returned if no complaint is received from the end user. The items must be quoted strictly in accordance with specifications of tender documents valid for 60 days. The conditional tender will not be accepted. **The firm/company has to submit along with tender bid an affidavit that the company is not involved in litigation or black listed.** The University reserves the right to accept or reject any or all offers and to increase/decrease quantities of the items.

Details can be seen in the office of **Dr. Jahangir Khan Sial** (Incharge, Faculty of Agricultural Engineering & Technology, PMAS-AAUR, 051-9290043)

The list of required equipments with specifications is attached.

CHAIRMAN
PURCHASE COMMITTEE

**List of Required Equipments for Demonstrational Hydroponics Model of Vegetable
Production under Shade House**

#	Items	Specification	Quantity
1	MS Iron square pipes	Gauge 16	2 inch = 300 FT 1.5 inch = 1800 FT 1 inch = 1800 FT 0.75 inch= 300 FT
2	Polyethylene sheet (Green House sheet)	200 micron thickness UV stabilized Diffused sheet	2 Rolls (49X328 ft)
3	Green Net	65% shade rate	70X100 FT
4	Mesh Insect Net for Greenhouse	UV- Stablized PE with High Tensile Strength (to be fixed on green house windows & cooling Pads)	40X60 FT
5	PVC pipes for growing gutters	4 Inch diameter	1200 FT
6	PVC pipes for growing gutters	3 Inch diameter	400 FT
7	Ventilation Fans		04
8	Air circulation small fans	2X2	04
9	Mulching Plastic sheet	01X1200 FT To be used for growing media	1 Roll of 25 Kg black sheet
10	Drip system with fertigation	<ol style="list-style-type: none"> 1. Pumps 2. Filters 3. Nutrient mixing tank 4. Integrated drip line (1500 FT) 5. Gromat Take Off (GTO) valves (20) 6. Related accessories 	
11	Accessories:	Tomato twines, hooks and clips, Vibrators, harvesting tools etc. Growing substrates, Cooling pads, Paint, Hygrometers, pH meters, EC meter	