



**DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH**

**✧ 2012-13 ✧**

**TENDER FORM FOR  
POLY HOUSES FOR FLOWER CROPS**

**Horticulture Section,  
COLLEGE OF AGRICULTURE, NAGPUR**

**TENDER FORM FOR  
ERECTION OF POLY HOUSES FOR FLOWER CROPS  
Horticulture Section,  
COLLEGE OF AGRICULTURE, NAGPUR**

To,  
Professor,  
Horticulture Section, College of Agriculture,  
Nagpur.

Dear Sir,

1. In response to the tender notice published in the daily newspaper \_\_\_\_\_ dated \_\_\_\_\_ th \_\_\_\_\_ I/We submit herewith the tender form for Erection of **poly houses** .
2. I/We have thoroughly examined and understood the General and specified terms and conditions of the tender form and I/We agree to abide by them in toto and in testimony I had signed the declaration and undertaking.
3. I/We agreed to Erect **poly houses** and accordingly have quoted the rates inclusive of all taxes, freight, etc as given in [Appendix-II](#).
4. I/We shall be bound by communication of acceptance of the offer, dispatched within prescribed time.
5. I/We accept that the right to accept or reject whole or part of the tender without assigning any reason is reserved with the Professor of Horticulture, College of Agriculture, Nagpur. The decision of the Professor of Horticulture will be final and shall be binding on me/us.
6. A Demand Draft (D.D.) of EMD for Erection of **poly houses** payable at Nagpur bearing No. \_\_\_\_\_ & \_\_\_\_\_ dated the \_\_\_\_\_ 2013 in favour of the Professor of Horticulture, College of Agri., Nagpur is enclosed herewith.
7. I/We agree for Erection of **poly houses** as per the specifications of the final orders for the period specified in special conditions of the concerned activity.
8. As per the terms and conditions, we are submitting our offer in two envelopes. The documents as per [Appendix – I](#) are enclosed in envelop no. 1. (Technical envelope) along with DD of EMD. The envelope no.-2, (Commercial envelope) contains rates quoted by me/us.

9. I/We also agree that Professor of Horticulture has full rights to open/consider the commercial envelope only, if Professor of Horticulture is satisfied with contents in Technical envelope. The decision of the Professor of Horticulture regarding this will be final and binding on me/us.

10. I/We hereby declare that the entries made in this tender form and enclosed draft of agree ..... on apex are binding for me/us. To facilitate checking and as a step for ensuing that all documents are enclosed. I have numbered all documents and attested copies. As provided in this tender I have filled relevant entries in the checklist provided along-with this form & same is enclosed in Technical envelope.

11. Committee will open both the envelopes simultaneously but if the documents and EMD are not as per the terms and conditions then offer will not be considered.

The following documents duly filled in and signed, are enclosed along-with the tender.

Enclosures :

- 1) Envelop No. 1 (Appendix-I Part- I,II, III, along with Checklist and declaration)
- 2) Envelop No. 2 (Appendix II) along with the DD of EMD of Rs. 50,000/-.

Place \_\_\_\_\_

Yours faithfully,

Date \_\_\_\_\_

Name and Signature of  
the Tenderer/Contractor

Phone No. \_\_\_\_\_ Mob. \_\_\_\_\_

Paste recent  
passport size  
photograph  
with signature

## Appendix – I (Part-I)

(This should be enclosed in envelope No. 1)

### CHECKLIST MUST BE FILLED BY THE TENDERER

The documents enclosed with tender form are as listed below. Any omission makes the tender liable for rejection. Before sealing the tender please check up each item and score at the appropriate place with YES or NO. You must also quote the relevant page number. You may attach other information also but state in the list after numbering the same pages.

Sr. No.	Details	Whether Attached	Page No.
1	D. D. of E. M.D.	Yes / No	
2	Company profile, Information booklet if any	Yes / No	
3	Documents in support to reveal capacity to supply the material	Yes / No	
4	Identity Card and address proof	Yes / No	
5	Envelop 1 (Appendix – I, Part I, II, III and IV)	Yes/No	
6	Envelop 2 (Appendix-II for Erection of Net houses and Cage house with specification)	Yes/No	
7	DD of tender form / Xerox copy of receipt of Tender form Rs. 1000/-	Yes/No	

The above details have been checked and found correct.

Place:

Date:

\_\_\_\_\_  
(Official Seal)

\_\_\_\_\_  
Signature of Tenderer

**Appendix – I (Part –II)**  
**“DECLARATION OF THE TENDERER”**

- 1) That I / We \_\_\_\_\_ am / are the authorized nominee(s) of the firm \_\_\_\_\_ hereby submit tender to the University for the Erection of Net houses and Cage/ screen house to Horticulture Section, College of Agriculture, Nagpur under Dr.P.D.K.V. Akola.
- 2) I am to state that the information provided in the tender form is true and correct
- 3) I / We may be punished as per law for any wrong information, misleading facts provided in the tender form besides rejection of my / our tender.
- 4) In case of any dispute, the Jurisdiction will be Nagpur only.
- 5) I / We have carefully read all the general and specific terms and conditions of the tender and I solemnly declare that the same are acceptable to me/us and binding on me/us.

Place:

\_\_\_\_\_  
Signature of Tenderer:

Date:

Name of Tenderer: \_\_\_\_\_

Capacity in which signed : \_\_\_\_\_

Full address of the Tenderer : \_\_\_\_\_

With seal & stamp :

(Attach Identity card Xerox) \_\_\_\_\_

Phone No. : \_\_\_\_\_

Mobile No. : \_\_\_\_\_

## APPENDIX I (PART – III)

### Terms and Conditions for Tenderers for Erection of poly houses.

1. a) Sealed Tenders are invited from different firms/ Manufacturers/ suppliers bid system to Erect Net houses and Cage house with full facilities as per specification. Tender form will be available on working day on payment of Rs. 1000/- in cash in the office of Professor of Horticulture, College of Agriculture, Nagpur.
2. The tender form will be accepted during working hours on any working day and latest **upto 1 p.m. on 16.03.2013** at C/o Professor of Horticulture, College of Agriculture, Nagpur and will be opened on the same day (if possible) at 3.00 p.m. in the o/o Professor of Horticulture in presence of members of Tender Committee and intending bidders who desires to attend. Only bidder or his representative will be allowed to remain present on production of Identity Card.
3. Tenders received late will not be considered. In case tenders are sent by Registered post, it shall be the responsibility of intending Tenderer to ensure that they are received before closing hours.
4. **Tenderer (s) must sign with seal on each page failing which College/University may reject tender in toto.**
5. The rates submission on PTF (Plain Tender form) costing Rs. 1000/- is mandatory and PTF should be purchased in the name of such firm who is expected to use it. Otherwise his tender form will be rejected.
6. If any dispute arises in this regard, then Tenderer can submit his appeal before Grievance Committee. The decision of Professor of Horticulture will be final and binding on Tenderers.
7. (a) The Tenderer should provide the following documents in Technical envelope with superscription **“TENDER FOR ERECTION OF POLY HOUSES”**. D. D. of E. M. D. **Rs. 50,000/-** (Rs Fifty thousand only) of Nationalized / Scheduled Bank payable at Nagpur. The E.M.D. should be in the form of Demand Draft payable at Nagpur and should be drawn on any Nationalized/Scheduled Bank. It should be in favour of Professor of Horticulture, College of Agriculture, Nagpur. No interest shall be paid on EMD.
- 7(b) Tenderer shall have to produce the certificate of Manufacture or dealership should be attached with document of envelope No.1.

8. The Tenderer must submit Appendix II in commercial envelope with superscription of the material. **Envelop 1 and 2 should be enclosed in third Envelope with the same superscription.**
9. A Tenderer will not be permitted to withdraw or modify or amend the contents of the tender once submitted.
10. **In case of poor response from the tenderers, the decision of Professor of Horticulture will be final.**
11. The tender form **without E.M.D. will not be considered at all.**
12. The EMD amount of the bidder will be retained till the finalization of activity.
13. The Tenderer will be informed about the acceptance, if his/her tender is approved by the competent authority.
14. The Specimen of **“Agreement Bond”** will be provided along with office order to the tenderers whose rates are accepted by the Competent authority . **The Tenderer shall have to execute agreement in the prescribed form on Government Court Fee stamp paper costing to Rs. 100/- which should be submitted to this office within 7 days from the date of issue of order.** The agreement received with seal and signature of Tenderers will become Legal Agreement between the Tenderers and the University, which will be binding on both parties.
15. This contract will be governed as per terms and conditions mentioned in the Agreement. Delay in execution within the prescribed time limit, making of facilities not upto the standard specification, and or non-observance or non-acceptance of these terms and conditions by the Tenderers, shall constitute **breach of contract** and the EMD deposited by the tenderer shall be forfeited by the Professor of Horticulture.
16. The firm who make any undue effort to bring the pressure from outside or from any University authority will be liable for outright rejection. AND WILL BE BLACKLISTED FOR EVER.
17. **The Professor of Horticulture reserves the right to accept or reject any or all the offers without assigning any reason.**
18. The terms of the installation and supply of the material within one month from the date of issue of the supply order and F.O.R. at Horticulture Section, College of Agriculture, Nagpur.
19. **On the Basis of Technical feasibility, tender will be accepted.**

Signature of Tenderer

**Appendix – I (Part –IV)**  
**“DECLARATION OF THE TENDERER”**

- 1) That I / We \_\_\_\_\_ am / are the authorized nominee(s) of the firm \_\_\_\_\_ hereby submit tender to the University  
Erection of Net houses and Cage/screen house. I am to state that the information provided in the tender form is true and correct.
- 2) I / We may be punished as per law for any wrong information, misleading facts provided in the tender form besides rejection of my / our tender.
- 3) In case of any dispute, the Jurisdiction will be Nagpur only.
- 4) I / We have carefully read all terms and conditions of the tender and I solemnly declare that the same are acceptable to me/us and binding on me/us.

Place:

\_\_\_\_\_  
Signature of Tenderer:

Date:

Name of Tenderer : \_\_\_\_\_

Capacity in which signed : \_\_\_\_\_

Full address of the Tenderer : \_\_\_\_\_

With seal & stamp :

(Attach Identity card Xerox) : \_\_\_\_\_

Phone No. : \_\_\_\_\_

Mobile No. : \_\_\_\_\_



(This should be enclosed in envelope No. 2)

Appendix –II

**TENDER FOR THE ERECTION OF POLY  
HOUSES FOR FLOWER CROPS  
ON  
TERN KEY BASIS**

**A. TENDER COST FOR ERECTION OF NATURALLY VENTILATED POLY HOUSES FOR  
FLOWER CROPS ON TERN KEY BASIS**

Sr. No.	Particular Specification	Rate per Net house Inclusive all taxes
1	<b>Erection of <u>NATURALLY VENTILATED POLY HOUSE</u></b>	
	<p><b>Unit Area: 560 Sqm</b> <b>Size: Width : 20.0 m, Length: 28.0 m,</b> <b>Grid size : 8 x 4 m , Gutter height: 4.0 m</b> <b>Ridge Height: 6.0 m</b> <b>Corridor:</b> 2 meter wide, vertical/curved/ inclined pipe 60/48 mm OD/2 mm thick G.I Pipe with 32 mm OD/2.0mm thick horizontal GI pipe as supporting pipe. <b>Entrance:</b> size 2 m x 2 m double door, door made of G.I. frame covered with Polycarbonate sheet, hinged type with locking arrangement. (Provision of entry and exist for tractor), 50 mm PCC flooring over 75 mm thick sub base. <b>Design:</b> to withstand to 120 KM/hour wind velocity, having minimum weight of 5.5 kg/ sqm, with/ without weld. <b>Structure:</b> Hot Dipped Galvanized Tubular Structure as per below details <b>Columns:</b> 76 /60mm OD, 2.0mm thick <b>Trusses:</b> Top chords and truss members 48 mm OD Bottom horizontal 60 mm OD/2.0 mm thick G.I. Pipe, and 43 mm OD 2.0 mm thick, Bracing 32 mm OD/1.8 mm thick G.I. Pipe structural members fitted with plated nuts, bolts and washers with/ without welding. <b>Purlin:</b> 2.0 mm thick, 48 mm OD at ridge and 42 mm OD on sides <b>Gutter:</b> 1.0 mm thick G.I sheet with 500 mm perimeter trapezoidal section, so as to avoid water spill over the gutter under maximum rain conditions to be bolted to purlin with plated nuts and bolts with drain pipe. The slope of the gutters will be 1.0-1.5%. <b>Poly film:</b> 200 micron thick, U.V. stabilized, diffused/ clear, anti-drip, make <b>Ginegar</b>, conforming to national and international standards <b>Top Vent:</b> 0.90 mtr to 1.0 m suitably overlapping to avoid rain showers entering into the green house &amp; to ensure good</p>	

	<p>ventilation.</p> <p><b>Side wall Vent:</b> Up-to 3.0 m in height, with folding handle on all four side walls.</p> <p><b>Bottom apron:</b> Woven polythene 160 GSM/ 200 micron plastic sheet, UV stabilized 1.0-1.5 m height from ground level and minimum 0.5 m below the ground level.</p> <p><b>Insect Proof Net /Shade net on sides:</b> UV stabilized, 50 mesh white colour on all sides of ventilation portion.</p> <p><b>Aluminum Profile:</b> C type Aluminum profile to fix plastic film to the structure by self tapping screws.</p> <p><b>Insert Spring:</b> Wire material high carbon steel with spring action, 2.3 mm diameter Zig-Zag to fix poly sheet/ net.</p> <p><b>Fasteners Clamps and Nut Bolts:</b> Well Compatible and galvanized M6 to M12 bolts &amp; nuts, 50 to 110 mm long with plain washers as per requirement with best quality plating cold galvanized with minimum 120 GSM coat.</p> <p><b>Thermal Screen:</b> 30% OR 50%, aluminet, manually operated through pulleys</p> <p><b>Foundation:</b> Columns area fitted over ground “inserts”/ and bolted to insert pipe size 1.0 to 1.10 meter to be grouted in 1:2:4 concrete hands mixed with appropriate grade cement. 40 cm x 40 cm x 60-70 cm size below ground level</p>	
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**B. TENDER COST FOR ERECTION OF POLY HOUSES FOR FLOWER CROPS ON TERN KEY BASIS**

Sr. No.	Particular Specification	Rate per Net house Inclusive all taxes
1	<p><b>Erection of <u>Hi-Tech Poly Houses</u> for Flower crops</b></p>	
	<p style="text-align: center;"><b>Unit Area: 500 Sqm</b></p> <p><b>Size:</b> 25.0m x 20.0m x 5.5m x 4.0m (L x W x CH x SH)  <b>Buffer Room:</b> 5.0 Sqm 2.0m x 2.5m  <b>Structure:</b> made of G.I. sq pipe ISI marked 48 x 48mm, 38 x 38mm, 32 x 32mm and 25 x 25mm complete as per requirement/ tender drawing.  <b>Covering:</b> With U.V. Stabilized Poly sheet 200 micron, fixed with aluminium strip.  <b>Cooling System:</b> ECS with fan &amp; pad as per below detail.  <b>Pad size</b> : 1.35m ht.  <b>Thickness</b> : 100 mm (4")  <b>Frame</b> : 1 mm thick GI sheet  <b>Fan</b> : 3 Nos. <b>Size:</b> 1250 mm (48") single/three phases  <b>Speed</b> : Slow 460 rpm (approx)  <b>Thermal Net Screen:</b> 50% aluminium net manually operated folding system  <b>Foundation:</b> in cement concrete 1:3:6 (30cm x 30cm x 60- 70cm)  <b>Optional-1</b>  <b>Water storage:</b> PVC Tank 1000 lt. <b>Circulating Pump:</b> 1.5 HP  <b>Misting System:</b> To increase humidity by providing following system:  <b>Nozzles</b> : Micro foggers hanging type  <b>Water Discharge</b> : 28 LPH each nozzles  <b>Quantity</b> : as per requirements  <b>Lateral pipe</b> : 16 mm LDPE black  <b>Filter</b> : Disc online  <b>Water storage</b> : PVC Tank 1000 it.  <b>Pump</b> : 2.0 HP  <b>Timer:</b> Digital cyclic for Misting System  <b>Temperature Controller:</b> Digital for cooling system with PT – 100 sensors  <b>Electric Fitting:</b> would be of ISI mark and copper wire complete with light/power points for pumps, fans and other miscellaneous use as per requirement.  <b>Optional-2</b>  <b>Curtain Wall:</b> with first class brick in 1:6 (cement sand mortar), all side of the Green House 23 cm wide 30cm above ground level and 30cm below, exposed wall plastered in 1:5 CM.</p>	

**C. TENDER COST FOR ERECTION OF POLY TUNNEL ON TERN KEY BASIS**

Sr. No.	Particular Specification	Rate per Unit Inclusive all taxes
1	Erection of Poly Tunnel	
	<p><b>Size:</b></p> <p style="padding-left: 40px;">Length of poly tunnels : 15m</p> <p style="padding-left: 40px;">Width of poly tunnels : 5m</p> <p style="padding-left: 40px;">Centre height of poly tunnels : 3.5m</p> <p style="padding-left: 40px;">Side height of poly tunnels : 2.25 m</p> <p><b>Structure:</b> Made of G.I. pipe, ISI marked 47 x 47 mm, 38 x 38 mm, 32 x 32 mm and 25 x 25+ 2 mm as per drawing. The structure should be supported at appropriate spacing with vertical supports to withstand wind force.</p> <p><b>Covering:</b> Top of semicircle should be cover with poly sheet (200micron) to be fitted with 20 x 3 mm aluminium flat strip along parlins and frames with GI screws or nut bolts. All sides of the shed shall be open upto 2 meter from ground.</p> <p><b>Foundation:</b> Grouting of vertical poles in CC 1: 2:4 (1 cement, 2 sand, 4 stone aggregate 20 mm nominal size) 30 x 30 x 75 cm below ground level. Foundation of the screen house should be min. 12" above the ground level.</p> <p><b>Curtain wall:</b> Made of 1<sup>st</sup> class bricks in 1:6 mortar, at all sides of the screen house 45 cm above the ground level and 30 cm below ground level with 10 cm thick PCC base duly plasters and painted.</p> <p><b>Bed:-</b> Three bed of 1.2 m in breadth and 15 m in length having 0.7m space between two bed with 30 x 30 x 75 cm below ground level and 45 cm above ground level with 10 cm thick made of 1<sup>st</sup> class bricks in 1:6 mortar with PCC base duly plasters and painted.</p> <p><b>Irrigation facility:</b> Irrigation facilities with drip system.</p> <p><b>Floor:</b> Filling with 15 cm thick murrum and 10cm thick stone dust.</p>	

**D. TENDER COST FOR COVERING OF POLY SHEET ON EXISTING POLY HOUSE AND  
REPAIRS OF FAN AND PAD SYSTEM ON TERN KEY BASIS**

Sr. No.	Particular Specification	Rate per Net house Inclusive all taxes
1	<b>Covering of poly sheet on <u>Hi-Tech Poly Houses</u></b>	
	<p align="center"><b>Unit Area: 500 Sqm</b></p> <p><b>Size:</b> 25.0m x 20.0m x 5.5m x 4.0m (L x W x CH x SH)  <b>Buffer Room:</b> 5.0 Sqm 2.0m x 2.5m</p> <p><b>Covering:</b> With U.V. Stabilized Poly sheet 200 micron, fixed with aluminium strip.</p> <p><b>Repairs of existing fan and pad system</b></p> <p><b>Thermal Net Screen:</b> 50% illuminated net manually operated folding system</p>	
2	<b>Covering of poly sheet on naturally ventilated poly house</b>	
	<p align="center"><b>Unit Area: 250 Sq.m.</b></p> <p><b>Size:</b> 25.0m x 10.0m x 5.5m x 4.0m (L x W x CH x SH)  <b>Buffer Room:</b> 5.0 Sqm 2.0m x 2.5m</p> <p><b>Covering:</b> With U.V. Stabilized Poly sheet 200 micron, fixed with aluminum strip. System</p> <p><b>Thermal Net Screen:</b> 50% illuminated net manually operated folding system</p>	

**Terms & Conditions:**

1. Firms should be adequate experience (of more than five years) in the field of construction of screen house/shed net and green house fabrication. The proof of experience of similar works executed should be enclosed.
2. List of clients should be enclosed to evaluate the work of your firm by the technical committee if necessary.
3. Company has to give its technical presentation in front of purchase committee or higher official if desired.
4. Catalogue and samples of UV stabilized Insect proof nylon net of 50 mesh and 10" x 10" min sample size) must be enclosed along with tender.
5. For electricity and water supply, firm should supply from its original sources i.e. 150-180m away from net houses.
6. Firm should visit the centre and survey for existing net houses where covering of UV stabilized insect proof net of 50 mesh is required.
7. Design and technical details of Insect proof net houses should be enclosed in technical bid.

(Stamp of Rs. 100/-or of appropriate value)

### Affidavit/Indemnity Bond

My tender for Erection of Net houses and Cage house / screen house at Horticulture Section has been accepted by the Professor of Horticulture, College of Agriculture, Nagpur

I,Mr. .... Aged, .....  
S/O ..... R/o(Address) .....

the supplier, agree to abide by and fulfill all terms and conditions included from page No. **1 to 11** of the tender or in default to forfeit the EMD to the Professor of Horticulture, College of Agriculture, Nagpur subsequent upon failure in supply of material due to default.

I am fully aware that in case of any dispute, the decision of the Professor of Horticulture, College of Agriculture, Nagpur shall be final and binding on me.

Signature

Date \_\_\_\_\_

Full Name \_\_\_\_\_

Address \_\_\_\_\_

Ph. \_\_\_\_\_

### Verification

Verified & signed at Nagpur on this ..... ( the day) ..... (month), 2009

### DEPONENT

I know the deponent

Advocate

In presence of

1. Witness;      Signature \_\_\_\_\_  
                            Name            \_\_\_\_\_  
                            Address        \_\_\_\_\_

2. Witness:      Signature \_\_\_\_\_  
                            Name            \_\_\_\_\_  
                            Address        \_\_\_\_\_

Place : Nagpur

Date :

Professor of Horticulture  
**College of Agriculture, Nagpur**

**HORTICULTURE SECTION,  
COLLEGE OF AGRICULTURE, NAGPUR  
DR. P.D.K.V. AKOLA**

**SHORT TENDER NOTICE**

No.HS/CEC/Tender PH/ 1498/2013

Dated : 28/02/ 2013

**Sealed tenders are invited for  
Erection of poly houses, Machinery, Farm  
Implements, Garden tools and Plastic crates**

Tender form for **Erection of poly houses, Machinery, Farm Implements, Garden tools and Plastic crates** will be available on payment of Rs. 1000/- in cash between 3 to 5 p.m. on working days from the office of the Professor of Horticulture, College of Agriculture, Nagpur from **1.03.2013 to 15.03.2013** or Tender document can down load from website ([www.pdkv.ac.in](http://www.pdkv.ac.in)). In case of tender documents is downloaded from website in PDF format, the cost of the tender form Rs. 1000/- will be accepted by DD and shall be attached with the offered document, failing which the tender will be summarily rejected. The same tender will be received by **1.00 P.M. till 16.03.2013 and shall be opened at 3.00 P.M.** on the same day, if possible.

**Fax : 0712-2554820**

**Ph : 0712-2530685**

**Professor of Horticulture,  
College of Agriculture,  
Nagpur**