

**OFFICE OF THE DEAN FACULTY OF HORTICULTURE
DR. PANJABRAO DESHMUKH KRISHI VIDHYAPEETH, AKOLA**

No. DN/HORT/Nur. Irri./719/2022

Dated 24/02/2022

Quotation notice


To,

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**Subject: Quotation for purchase and installation of irrigation system at Fruit Nursery,
Department of Fruit Science, Dr. PDKV, Akola**

With reference to the subject cited above, the Department of Fruit Science has to 'install advanced irrigation system' in the established six protected structure at fruit nursery. In this regard, the undersigned calling the quotation on the condition mentioned on the overleaf for providing the advance irrigation facilities to the established protected structures (Polyhouse, shade net house and insect proof net house) with the one year maintenance (eg. acid treatment, minor linkages etc.)

Hence, please arrange to supply the quotation as per enclosed **Annexure-I** (As per type of irrigation in the structure **I to VI**). Before submitting the quotation, all terms and condition read carefully.



Dean,
Faculty of Horticulture &
Chairman Installation of
Irrigation System Committee
Dr. PDKV, Akola

- Note:** 1. The quotation should reach to this office on or before dated **3 / 3 /2022** at 5.00 pm.
2. The concern firm can visit to work site /protected structure in office hour (working day) for actual measurement before last date of submission of quotation.
3. Please send the quotation in the name of **Head, Department of Fruit Science,
Dr. PDKV, Akola**, Krushi Nagar Post office, Akola 444104.

CONDITIONS:

1. The quotation should be sent in sealed envelope only.
2. On the left hand corner of envelope following matter must be clearly mentioned in block letters '**Installation of Irrigation System**' with reference to this office enquiry letter No. **HD/FS/OI, Nursery/ 719/2022 Dated 24/02/2022**
3. Supply the quotation in the name of **Head, Dept. of Fruit Science, Dr. PDKV, Akola Krishi Nagar Post office 444104 (MS)**
4. **All the items / components should be single company make with ISI mark compulsory.**
5. **The pipe line should be 60 cm. under the ground level.**
6. **The valid authorization certificate of the dealership should enclose with quotation.**
7. **The duly self attested GST registration certificate and PAN card copy should enclosed with the quotation.**
8. **The rate should be quoted including GST/ all taxes.**
9. Item available in ready stock and which can be supplied on placing of firm order, may only be quoted.
10. Delivery of the materials should be given at side. (FOR)
11. Any damage or losses of materials will not be considered in the real supply.
12. Anyhow, the hidden charges or costing should not be allowed.
13. The detail specification, make, model, manufacturer of accessories required be given in the quotation with the sample (if necessary). Without incomplete details/ specification the quotation are liable for rejection.
14. The payment of bill will only be made after satisfactory compliance of complete supply/work (demo) and hence condition such as full or part payment in advance, etc. are not acceptable.
15. Quotation received after mentioned date will not be considered.
16. Time period for which the quotation will be valid should be clearly mentioned. Otherwise, the validity period for the quotation should be at least for **180 days or 31 March 2022** which is earlier will be considered.
17. The conditional quotations are liable for rejection.
18. The undersigned reserves full right to reject any or all the quotations without assigning the reasons thereof.



Dean

Faculty of Horticulture
Dr. PDKV. Akola

Annexures I

Specification of structure- I

Structure name: Polyhouse model (Size: 1000 sq. mt.)	
Model	Polyhouse
Size of Polyhouse (dimension)	36 mt. x 28 mt. (inside working area)
Type of work	Drip irrigation system (as per site requirement)

Sr. No.	Name of items	Approximately require materials	Remarks
1	Pipe 75 mm.(4 kg. p) main line for source of water	174 mt.	Quoted the rates for each structure with installation charges (including of all taxes/ GST)
2	Pipe 63 mm. (4 kg. p) sub-main	42 mt.	
3	Lateral 20 mm (Inline) 4 lit. LPH (30 cm)	500 mt.	
4	Valve 63 mm.	01	
5	Flash valve	01	
6	Grommet, take off 20 mm.	50	
7	Joiners	50	
8	End cap	50	
9	Screen filter (40 mt ³)	01	
10	Manifold 2.5"	01	
11	Ventury	01	
12	MTA 75 mm.	02	
13	FTA 75 mm	02	
14	Elbows 75 mm	02	
15	Elbows 63 mm	10	
16	Tee 63 mm	02	
17	Tee 75 mm	02	
18	Adhesive (500 ml.)	2	
19	Installation charges of drip irrigation with digging of trench (60 cm. depth)	216 mt. Approx.trench length	
20	Civil work for sand filter *installation of 40 M ³ capacity with necessary materials.	6' x 4' RCC foundation	

* Sand filter will be provided by this office.

** Concern interested firm can visit to work site / structure in office hour (working day)

Specification of structure- II

. Structure name: Polyhouse model (Size: 1500 sq. mt.)	
Model	Polyhouse
Size of structure Dimension	48 mt. x 24 mt. (inside working area)
Type of work	Drip irrigation system (as per site requirement)

Sr. No.	Name of items	Approximately require materials	Remarks
1	Pipe 75 mm. (4 kg. p) main line for sources of water *	60 mt.	Quoted the rates for each structure with installation charges (including of all taxes/ GST)
2	Pipe 63 mm. (4 kg. p) sub-main	60 mt.	
3	Lateral 20 mm	1250 mt.	
4	Dripper (8 LPH)	2000 nos.	
5	Ball Valve 63 mm.	02	
6	Ball Valve 75 mm.	01	
7	Flash valve	02	
8	Grommet, take off 20 mm.	100 nos.	
9	Joiners	100 nos.	
10	End cap	100 nos.	
11	Screen filter (40 mt ³)	01	
12	Manifold 2.5"	01	
13	Ventury	01	
14	MTA 75 mm.	02	
15	FTA 75 mm	02	
16	Elbows 75 mm	02	
17	Elbows 63 mm	10	
18	Tee 63 mm	02	
19	Tee 75 mm	02	
20	Adhesive (500 ml.)	02	
21	Installation charges of drip irrigation with digging of trench (60 cm. depth)	120 mt. (Approx. trench length)	

* Water source distance

** Concern interested firm can visit to work site / structure in office hour (working day)

Specification of structure- III

. Structure name: Shade net house (Size: 2500 sq. mt.)	
Model	Shade net house
Size of structure (Dimension)	55 mt x 45 mt. (inside working area)
Type of work	Micro Sprinkler irrigation (Sp. 3x3 mt.)

Sr. No.	Name of items	Approximately require materials	Remarks
1	Pipe 75 mm. (4 kg. p) *	132 mt.	Quoted the rates for each structure complete work (with installation charges) including of all taxes/ GST
2	Pipe 63 mm. (4 kg. p)	60 mt.	
3	Lateral 20 mm	1000 mt	
4	Micro sprinkler with assembly	300 nos.	
5	Ball Valve 63 mm.	02	
6	Flash valve 63 mm.	02	
7	Ball Valve 75 mm.	01	
8	Grommet/ take off 20 mm.	100	
9	Joiners 20 mm	100	
10	End cap 20 mm	100	
11	Screen filter (40 mt ³)	01	
12	Manifold 2.5"	01	
13	Ventury	01	
14	MTA 75 mm.	02	
15	FTA 75 mm	02	
16	Elbows 75 mm	06	
17	Elbows 63 mm	10	
18	Tee 63 mm	02	
19	Tee 75 mm	02	
20	Adhesive (500 ml.)	02	
21	Installation charges of micro sprinkler irrigation with digging of trench (60 cm. depth)	192 mt. (Approx. trench length)	

* Water source distance

** Concern interested firm can visit to work site / structure in office hour (working day)

Specification of structure- IV

. Structure name: Shade net house (Size: 2000 sq. mt.)	
Model	Shade net house
Size of structure (Dimension)	45 mt. x 32 mt. (Inside working area)
Type of work	Stake dripper irrigation system (as per site requirement)

Sr. No.	Name of items	Approximately require materials	Remarks
1	Pipe 75 mm. (4 kg. p)*	40 mt.	Quoted the rates for each structure complete work (with installation charges) including of all taxes/ GST
2	Pipe 63 mm. (4 kg. p)	70 mt.	
3	Lateral 20 mm	2750 mt.	
4	Dripper (4 LPH)	9000 nos.	
5	Four way Stake dripper assembly (with Vinyl tube 1 mm.)	9000 nos.	
6	Ball Valve 63 mm.	02	
7	Flash valve	02	
8	Ball Valve 75 mm.	01	
9	Lateral valve 20 mm.	150 nos.	
10	Grommet/ take off 20 mm.	150 nos.	
11	Joiners	150 nos.	
12	End cap	150 nos.	
13	Screen filter (40 mt ³)	01	
14	Manifold 2.5"	01	
15	Ventury	01	
16	MTA 75 mm.	02	
17	FTA 75 mm	02	
18	Elbows 75 mm	06	
19	Elbows 63 mm	10	
20	Tee 63 mm	02	
21	Tee 75 mm	02	
22	Adhesive (500 ml.)	02	
23	Installation charges of stake dripper irrigation with digging of trenches (60 cm. depth)	110 mt. (Approx. trench length)	

*Water source distance

** Concern interested firm can visit to work site / structure in office hour (working day)

Specification of structure- V

. Structure name: Insect proof net house (Size: 4000 sq. mt.)	
Model	Insect Proof Net house
Size of structure (Dimension)	90 mt. x 45 mt.
Type of work	Drip irrigation system with inverted micro sprinkler (as per site requirement)

Sr. No.	Name of items	Approximately require materials	Remarks
1	Pipe 75 mm. (4 kg. p)*	172 mt.	Quoted the rates for each structure complete work (with installation charges) including of all taxes/ GST
2	Pipe 63 mm. (4 kg. p)	192 mt.	
3	Lateral 20 mm	2000 mt.	
4	Inverted micro sprinkler with complete assembly (anti linkage)	180 nos.	
5	Dripper 8 LPH	700 nos.	
6	Ball Valve 63 mm.	02	
7	Flash valve 63 mm.	02	
8	Ball Valve 75 mm.	01	
9	Grommet/ take off 20 mm.	100	
10	Joiners 20 mm	100	
11	End cap 20 mm	100	
12	Screen filter (40 mt ³)	01	
13	Manifold 2.5"	01	
14	Ventury	01	
15	MTA 75 mm.	02	
16	FTA 75 mm	02	
17	Elbows 75 mm	08	
18	Elbows 63 mm	10	
19	Tee 63 mm	02	
20	Tee 75 mm	02	
21	Adhesive (500 ml.)	02	
22	GI wire (for lateral support)	Approx. 2000 mt.	
23	Installation charges of drip irrigation & inverted micro sprinkler with digging of trenches (60 cm. depth)	264 (Approx. trench length)	

* Water source distance

** Concern interested firm can visit to work site / structure in office hour (working day)

Specification of structure- VI

. Structure name: Insect proof net house (Size: 4000 sq. mt.)	
Model	Insect Proof Net house- 4000 sqm
Size of structure (Dimension)	75 mt. x 52 mt. (Inner working area)
Type of work	Drip irrigation system with inverted micro sprinkler (as per site requirement)

Sr. No.	Name of items	Approximately require materials	Remarks
1	Pipe 75 mm. (4 kg. p)*	42 mt.	Quoted the rates for each structure complete work (with installation charges) including of all taxes/ GST
2	Pipe 63 mm. (4 kg. p)	150 mt.	
3	Lateral 20 mm	1750 mt.	
4	Inverted micro sprinkler with complete assembly (anti linkage)	180 nos.	
5	Dripper 8 LPH	700 nos.	
6	Ball Valve 63 mm.	02	
7	Flash valve 63 mm.	02	
8	Ball Valve 75 mm.	01	
9	Grommet/ take off 20 mm.	100	
10	Joiners 20 mm	100	
11	End cap 20 mm	100	
12	Screen filter (40 mt ³)	01	
13	Manifold 2.5"	01	
14	Ventury	01	
15	MTA 75 mm.	02	
16	FTA 75 mm	02	
17	Elbows 75 mm	08	
18	Elbows 63 mm	10	
19	Tee 63 mm	02	
20	Tee 75 mm	02	
21	Adhesive (500 ml.)	02	
22	GI wire (for lateral support)	Approx. 2000 mt.	
23	Installation charges of drip irrigation & inverted micro sprinkler with digging of trenches (60 cm. depth)	130 (Approx. trench length)	

* Water source distance

** Concern interested firm can visit to work site / structure in office hour (working day)

PROFORMA FOR QUOTATION

Sr. No.	Name of structure	Type of irrigation work	Rates including of all taxes
1.	Polyhouse structure- 1000 sq. mt.	Drip irrigation (Inline)	
2.	Poly house structure- 1500 sq. mt.	Drip irrigation (Online)	
3.	Shade net house structure- 2000 sq. mt.	Stake dripper irrigation system	
4.	Shade net house structure- 2500 sq. mt.	Micro sprinkler irrigation system	
5.	Insect proof net house structure – 4000 sq. mt.	Drip irrigation system with inverted micro sprinkler	
6.	Insect proof net house structure – 4000 sq. mt.	Drip irrigation system with inverted micro sprinkler	