

BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

Crop Research Unit

Directorate of Research

Mohanpur, Nadia: 741252, West Bengal, India

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Ref. No. BCKV/CRU/Tender 1

Date: 03.01.2020

Notice Inviting Tender

Sealed Quotations are hereby invited by the PI of WBDSTB project (Code: 12095) entitled “Development of protocol for virus free synthetic seeds in potato and their potentiality assessment” for the purchase of following item.

Sl. No.	Name of the Item / Equipment	Qty.	Detailed specification
1	Insect-proof Net House	One (250 sq. m area)	<p>Size: 250 sq. m Shape: Flat Roof Type Withstand to wind velocity: Structure may be designed to withstand wind velocity 120 Km/hr Main column: 60 mm OD, 2 mm thick & length 4 m @ 3.05 kg/m, Foundation Stub: 48 mm OD, 2.0 mm thick & length 6 m @ 2.3 kg/m, Bottom chord: 48 mm OD, 2.0 mm thick & length 3.92 m @ 2.3 kg/m, Purlin: 42mm OD, 2 mm thick & length 4.05 m @ 2.10 kg/m Grid Size: 4×4 (m) Centre Height: Flat structure 4 m Aluminium Profile: C type Aluminium profile to fix shade net to the structure by means of self-tapping screws. Weight of Aluminium profile is 200-220 g/m. Self-drilling screw should be fixed on profile every 40 cm along the full length of profile Spring insert: A coated spring is preferable compared to cold galvanized spring as a coated spring transfer less heat to the plastic & thus enhances the life of plastic. If we are using GI spring it is better to use a two-inch strip of new poly film to be placed over the main plastic in the profile and then lock it with GI profile. This will help in longer life of plastic as the rusted spring will not directly come in contact with the main plastic. Wire material should be high carbon spring steel with spring action. Side Tana: 33 mm OD, 2 mm thick & length 4.05 m @ 1.60 kg/m GI Channel: 150 to 160 gr per running m, Zig Zag Spring: High carbon steel wire for repeated action, 2.3 mm diameter Self Trapping Screw: 20 mm length</p>

			<p>Insect net: 40 Mesh Insect Net manufactured from 100 % Virgin HDPE mono filament with 115-120 GSM, 0.4 yarn diameter, 40 x 24 knitting grid with 3 years life under curtain. UV stabilized around entire structure</p> <p>Anti-room: Anti-room of size 4 m × 3 m attached to net house.</p> <p>Foundations: Telescopic type. A pit of 60 cm x 60 cm x 75 cm depth to be filled with concrete in a ratio of 1:2:4 after completing the foundations</p> <p>Overall slope: 1 to 1.5%</p> <p>Door assembly: One entrance room of size 4mx4mx3m (L x W x H) and covered with IP Net stabilized. Two hinge doors of size 4 fit widths and 6.5 fit in height double leaf made in plastic/FRP sheet\s mounted in suitable strong frame.</p> <p>GI Clamp: 76 mm, 60 mm, 48 mm, 42 mm</p> <p>GI Angel: ISA 40 × 40 × 3</p> <p>GI Tee & Elbow: 33 mm OD & 2.0 mm thick</p> <p>GI Nut Bolt: 3/8", 25 mm, 50 mm, 75 mm, 100 mm, 125 mm</p> <p>Irrigation system: Suitable Drip & Fogger type covering full area</p>
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Terms & Conditions:

- 1) The bonafied and eligible bidders are requested to **quote their price.**
- 2) The bidders should have GST, P/Tax, I.T Return and PAN etc.
- 3) **EMD of @1% of total quoted amount** is to be submitted through Demand Draft (Scanned copy) in favour of **Bidhan Chandra Krishi Viswavidyalaya** along with the quotation. Without EMD quotations will not be considered for financial comparison.
- 4) EMD exemption certificate must be submitted with the quotation document, if any.
- 5) The **last date** of submission of the quotation: **By 13th January, 2020 up to 4.00 pm.**
- 6) The quoted price should be inclusive of all taxes, if any.
- 7) The tender should contain sample of insect-proof net
- 8) All GI pipes should be ISI mark (Technical Standard NHB-PH-Type 02-2011)

The University authority reserves the right to accept or reject any quotation wholly or in part without assigning any reason whatsoever. Payment will be made after delivery and installation of the items.

The quotations must be submitted to **PI of WBDSTB project (Code: 12095) entitled “Development of protocol for virus free synthetic seeds in potato and their potentiality assessment”, Directorate of Research, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia.** The quotation reference No. and subject must be mentioned on the top of the envelope.

Thanking you

Yours faithfully

Sutanu Sarkar,

PI, WBDSTB Project (Code: 12095), BCKV