

सं.2(3)अनु./एसपीआर 2018-19/263

दिनांक : 15 जनवरी 2019

No. 2(3)RES/SPR/2018-19/263

Dated : 15th Januuary, 2019**निविदा सूचना/QUOTATION NOTICE**

आई सी आर आई, प्रादेशिक स्टेशन, सकलेशपुर, कर्नाटक में एक पॉलीहाउस की स्थापना हेतु मुहरबंद निविदाएं आमंत्रित की जाती हैं।

Sealed quotations are invited for the erection of a Polyhouse in ICRI, Regional Station, Sakleshpur, Karnataka

तकनीकी विनिर्देशन /Technical Specification**Open/Natural Vent Type Polyhouse**

Sl. No.	Item	Description
1	Structure	Galvanized Tubular Structure
2	Grid Size	8 m x 4 m Balcony/Canopy along all 4 sides, 2m
3	Area	192 sq m (16 m x 12 m)
4	Gutter Height	4.0 m
5	Gutter Slop	1-2% to be provided in civil structural work
6	Ridge Height	6.6 m to 6.8m
7	Apron height	1.2 to 1.5 mtr on all four sides with GI fixing arrangement.
8.	Curtain	Manual Operable side roll-up curtains 3.0 to 4.0 mtr on all four sides with handles. Insect net 40 mesh below the curtains with proper fixing mechanism.
9	Ridge Vent/ Open Vent	Open Ridge Vent of 0.9 to 1.25 mtr to maintain the ventilation inside polyhouse.
10	Columns	Main Column 76.1 mm OD – 2.9 mm thick G.I. Pipe, and Mid Pole 60.3 mm OD – 2.9 mm thick G.I. Pipe.
11	Purlins	48.3 mm OD-2.9 mm thick G.I.Pipe/42.4 mm OD – 2.6 mm thick G.I.Pipe/33.7 mm OD – 2.6 mm thick G.I. Pipe.
12	Balcony/Hockey	48.3 mm OD – 2.9 mm thick G.I.Pipe.
13	Gutter	2.0 mm thick, G.I. sheet with 400-450 mm perimeter trapezoidal section, so as to avoid spill over the gutter under high rainfall conditions.
14	Trusses	Bottom 60.3 mm OD/48.3 mmOD -2.9 mm thick G.I.Pipe. Top Chords and truss members 48.3 mm OD – 2.9 mm thick Bracing 33.7 mm OD – 2.6 mm thick G.I.Pipe. Structural members to be fitted in plated nuts, bolts and washers without welding.
15	Foundation	Depth 800 to 1200 mm or suitably altered depending upon ground strata/level so as to ensure safety and stability of the

		structure even under extreme wind conditions. Columns are fitted over ground "Inserts" and bolted to insert Channel. Length of insert 800 to 1200 mm. Construction of foundation with ratio 1:2:4 PCC of size 0.40m x 0.40m x 0.90m.
16	Fastener	M6 to M10 bolts & nuts, bolts from 15 to 110 mm length, plain washers as per requirement and with the best quality plating to have good anti-corrosiveness.
17	Polyfilm	200 micron thick, U.V. stabilized, Diffused, IR, Anti fog/drip multilayer poly film.
18	Poly Fixing	Aluminum Locking profiles with G.I.wire spring with smooth finish for single and double poly fixing.
19	Entrance Room	Entrance Room of size 4 m x 3m x 2.5m, with double door of size 1m x 2m (hinged type) and 2m x 2m (Sliding Door).
20	Shade Net	White/Green colour, 35% - 50% shading net with manual collapsible mechanism below gutter level.
21	Insect Net	Insect net white colour 40 mesh below roll up side curtain and at ridge ventilation.
22	Drip Irrigation System	It consist of Inline Lateral 16mm, 2.1 lph@30 cm spacing, 4 kg/cm ² , PVC main and submain pipes, Ventury Assembly, PVC Ball Valves, Poly Joinner 16 mm, Poly Take Off 16mm, Air release Valve, Flush Valve, Plastic Disc Filter, Fittings and accessories.
23	Side wall	9" width. 30 cm above the ground along the periphery of the polyhouse. 30 cm below the ground.

इच्छुक पार्टी अपनी निम्नतम दर कोट करें और प्रभारी वैज्ञानिक, भारतीय इलायची अनुसंधान संस्थान (आई सी आर आई), प्रादेशिक स्टेशन, डोणिगल पी ओ, सकलेशपुर, कर्नाटक-573134 के पते पर, भेजें ताकि 31/01/2019 को शाम के 5.00 बजे से पूर्व प्राप्त हो।

Interested parties may quote their lowest rate and send to the Scientist-in-charge, ICRI, Regional Station, Spices Board, Donigal.P.O. Sakleshpur, Karnataka-573 134, so as to reach him on or before 31/01/2019 by 5.00 P.M.

अधोहस्ताक्षरी, कोई भी कारण बताए बिना किसी भी संविदा को स्वीकार या निरस्त करने या स्थापना की पूरी प्रणाली को रद्द करने का पूरा अधिकार रखता है।

The undersigned reserves the right to accept or reject any quotation or to cancel the entire process of installation in full without assigning any reasons thereof.

निदेशक/Director