



भाक अनुप-राष्ट्रीय केला अनुसंधान केंद्र  
(भारतीय कृषि अनुसंधान परिषद)  
थोगमलै रोड थायनूर पोस्ट.  
तिरुचिरापल्लि, -६२० १०२, तमिलनाडु

ICAR - National Research Centre for Banana  
(Indian Council of Agricultural Research)  
Thogamalai Road, Thayanur P.O.  
Tiruchirapalli - 620 102, Tamil Nadu, India



F.No.28(1)/2017-2018-SP

4523

Date: 01.12.2017

## QUOTATION INVITING NOTICE

Sub : Quotation inviting notice for providing Water Softener to the Office of the ICAR  
- NRC for Banana, Trichy - Reg.

Dear Sirs,

Quotations are invited by the Director, ICAR - NRC for Banana, Trichy, for providing "Water Softener" to the ICAR - NRCB, Trichy, as per specification furnished in the tabular column below:

Sl. No.	Specification	Qty
01	Water softener system for removing salts and scales from water tanks in Lab Building Complex, Biotech Building and Administrative block. (as per specifications enclosed)	2nos.

You are requested to quote your competitive rate (s) for consideration. Your quotation addressed to the Director, ICAR - National Research Centre for Banana, Thogamalai Road, Thayanur Post, Tiruchirapalli - 620 102 (T.N.), should be uploaded in the e-procurement Central Public Procurement portal on or before 15.12.2017 by 3.00PM.

The right to accept or to reject all or any of the quotation in part or full is reserved.

Yours faithfully,

Asst. Admn. Officer

Copy to:

1. The Nodal Officer- CPPP for uploading in CPP Portal
2. The Chairman-PMEC for uploading in NRCB website
3. The Chairman (WLM)
4. The Member Secretary (WLM)

Mrs. C.S.J.  
R. G. Singh



## SPECIFICATION for Nano Softener Plant

S.No	DESCRIPTION	QUANTITY
1	Multi Grade Filter Sand & Activated Carbon Filter	1 No
2	Nano Softner	1 No
3	20" Slim Micron Filter	2 No
4	Storage tank for raw water and filtered water	1 No. (10000ltrs)
5	Civil Work	As Required
6	Electrical Power & plumbing work	As Required
7	Inter Conection PipeLine UPVC	As Required

## INTRO TECHNICAL SHEET for 2000Lph Softner Plant

1	Multi Grade Sand & Carbon Filter (13x54)	1 nos
2	40 Nb top mount Multi port Valve	1 nos
3	Sand ,Pebbles,silux	80 Kgs
4	Granual Activated Carbon Filter,zeosorb	50 Kgs
5	13x54 Frp Vessel	1 No
6	Nano Resin	12 Ltr
7	Micron Filter Catridge With Housing 20" Jumbo	2 nos
8	Flow Meters (0-1200)	1 nos
9	Pressure Guages ( SS )	3 nos
10	UPVC Pipes & Fittings	1 set as required
11	Nrv (Non Return Valve )	2 nos
12	1HP single phase monoblock pump	1 no

## TECHNICAL SPECIFICATION SHEET 2000 LPH Softener

### 1. Multi Grade Sand & Carbon Filter (13x54)

Dimensions	13x54 VESSEL.
Inlet pressure	1.50 kgs / cm <sup>2</sup> (max)
Material	FRP
Vessel Make	Aventura /Magnum/ Aquanimics/Equivalent
Vessel Colour	Natural / blue
Media	Pebbles ,Silux , Carbon,
Multi Port Valve	40 Nb Multi Port Valve
Brand	solo IMF Valve

**2. Nano Water Softner Filter Flow rate -2000 lit / hour**

Dimensions	13X54 VESSEL
Inlet pressure	3 kgs / cm <sup>2</sup> (max)
Material	FRP
Media	Nano Resin Sp3
Multi Port Valve	1.5" Adoptor
Make	Aventura / Magnum / Aquanemics/Equivalent

**3. Micron Filters Flow rate - 3000 lit / hour**

Inlet pressure	1.00 kgs / cm <sup>2</sup> ( max)
Material	PP
Micron rating	5, microns
Quantity	2 nos.
Cartridge size Jumbo	20" Length Jumbo
In & Out	1.5" Bsp Thread

**4. Other Accessories**

Flow meter	1 nos.
Pressure gauge	3 nos.
Nrv	2 nos
Ball Valves	As Required
Prv	2 no
Vaccum Braker	2no