



Uttarakhand State Council for Science and Technology
Department of Science and Technology, Govt. of Uttarakhand
VigyanDham, Jhajra, Dehradun (UK)

Web: www.ucost.in/blog

Phone No.: 9412051556/57

(EOI NOTICE No.UCS&T/PDDUVGSP /2017-18)

EXPRESSION OF INTEREST (EOI)

For

**EMPANELMENT OF AGENCY FOR CONSTRUCTION OF
NET HOUSE AND MIST CHAMBER FOR MODERN NURSERY IN THE
STATE OF UTTARAKHAND AND PROVIDE AGRONOMICAL
SERVICES RELATED WITH IT.**

PRICE: Rs. 5, 000/- (Rupees Five Thousand only)

Revised SCHEDULE FOR INVITATION OF EOI

NAME: Empanelment of Agency for Construction of Shade net house / mist chamber for modern nursery in the State of Uttarakhand and provide agronomical services related with it.

Issue of EOI	From 14/03/18 at 12.00 hrs to 07/04/18 upto 17.00 hrs.
EOI Last Date	07/04/18 upto 17.00 hrs.
Name of Zone/s for which applied	Please refer Annexure-1 of this document
Department Name/Authority Name	Director General, Uttarakhand State Council for Science and Technology, Vigyan Dham, Jhajra, Dehradun (UK)
EOI Submission Address	Director General, Uttarakhand State Council for Science and Technology, Vigyan Dham, Jhajra, Dehradun (UK)
EOI document Fee	Rs. 5,000/- (Rupees Five Thousand Only) in form of Demand Draft from any Scheduled/Nationalised Bank
EOI Fee Payable to	Director General, Uttarakhand State Council for Science and Technology, Vigyan Dham, Jhajra, Dehradun (UK)
Price Offer	The agency shall submit their best possible price offer by Post on said address.
Joint Venture/Consortium	Not allowed
EOI currency Setting	Indian Rupee (INR)

Note:

1. Please address all queries and correspondence to the Director General, Uttarakhand State Council for Science and Technology, VigyanDham, Jhajra, Dehradun (UK).
2. If the Office of the Director General UCOST happens to be closed on the day of receipt of the EOIs as specified, the EOIs will be received and opened on the next working day on opening of the office up to the same time and at the same venue.
3. Please quote Ref. Number in all your correspondence.

General Instructions:

1. Party can download the EOI document free of cost from the website, but will need to submit the EOI document along with the DD for EOI Document Fee at the time of physical submission.
2. Agency has to submit best price. Offers in physical form will have to be submitted for technical proposal alone. Such submission will have to be accompanied by required forms and documents, and instrument for payment of EOI Document Fee.
3. **EOI Proposal:** Interested Party shall submit their proposal physically in sealed envelopes super-scribed with due date, time and nature of EOI. Original and one copy of **EOI** with all technical details asked for. Original printed document shall be considered as authentic. All pages of the offer along with EOI document must be signed.
4. Services offered should be strictly as per specifications mentioned in this EOI Document. Please spell out any unavoidable deviations, article-wise, in your proposal under the heading "Deviations".
5. The price of one copy of the **EOI Document is Rs. 5000/-**, which can be paid by crossed Demand Draft. The Demand Draft may be drawn in favour of "**Director General, Uttarakhand State Council for Science and Technology**" payable at **Dehradun**.

Yours faithfully,

For and on behalf of
Director General, UCOST
Jhajra, Dehradun

ABSTRACT OF ESTIMATED COST

Name of work: - Supply and installation of Mist. Chamber size 5M x 10M for modern nursery at Gaindikhata, (Haridwar district), Bazira (Rudraprayag district), Bhigun (Tehri district) and Kausani (Bageshwar district)

Sl. No	Description of item of work
1	Supply and installation of Mist. Chamber for Modern Nursery and per detailed specification as under.
1.1	Size: - Size 5m x 10m x with side height 7ft and centre height 12ft from ground level.
1.2	Structure: - Zinc coated pipes as per Indian standards that prevents rusting of pipes and ensure long life of structure (more than 10 years) preferably Dome shaped welded structure. Made of square GI pipe Hot Galvanized GI (47mmX47mm) IS 1239 anti- corrosive humidity resistant pipe with IS 4736-1968/ ISO 65-1973 zinc coat as approved for maximum Indian wind load conditions structural trusses will be provided for absolute strength wind load 120 km hr a) GI Pipe: IS standard (IS 1239) b) Thickness: 2mm or more
1.3	Cladding/ Covering: - Cladding of multiwall polycarbonate sheet 6mm thick of Lexan or equivalent make. All fitting of aluminium for polycarbonate sheet fixation. Sides & Roof Covering with 6mm double wall polycarbonate sheet fixed with anodized aluminium section. Silicone (Translucent) treatment for proper holding and thermal safety, Specification of PC sheet.
1.4	Cooling System: - Cellulose pad 4ft height, 4 inches thick, Munters/ Hutech make, with gutter system, with complete PVC fittings, filter, pump (1HP) water Tank 1000lts.) Exhaust fans: Slow axial fans, 36 inches 2 nos, Munters or equivalent make.
1.5	Humidity system :- Four way loggers, discharge of 22.5LPH Netafim/ Jain irrigation make necessary PVC fittings, fitter, pump (1HP) and water tank (1000lts) system capable to raise relative humidity up to 90%
1.6	Heating system: - Heaters: (2 nos.) Auto thermal cut off device with double thermostat protection 2.4 KW heaters, 1200RPM, ¼ HP fan motor, selective combustive material chosen for minimum utilization for atmospheric oxygen. Powder coated finish. Input 200-240 VAC 50Hz. Single phase, Ambient 5 to 50, RH up to 90%.
1.7	Controllers:- Control Panel: Compact control panel facility will be provide with mains ON/OFF switch, Light indicator for main light, Cooling, Humidity. Control panels are manufactured with best quality CRCA sheet steel for lasting and the fine finish. The fabrication of different parts of the panel is carried out on advanced CNC turret punching press and CNC press brake. All the modular parts sections are subjected to seven tank process to ensure anti-rust conditioning smooth finish and protection against corrosive atmosphere high humidity environment. High quality powder coating is applied using the latest Swiss machines. Microclimate Temperature Controller: -Specification Real Time Microprocessor based user programmable PID Controller, 4 digit LED display for displaying measured values and another 4 digit LED display for displaying settings, Trim pot operation. Platinum sensor probe pt- 100, set point lock within the setting panel to

	protect setting changes. Level lock to ensure that the parameter can be read but cannot be changed. Sensor failure indication, Display resolution 0.1 Accuracy 0.1 C automatic hysteresis control. Wide selectable temperature ranges from 0 to 100 4.4KVA load can be directly connected to the powered output Input 200-240 VAC 50 Hz, Single phase, Ambient 5-50, RH up to 90%
1.8	Side curtain wall: - Brick masonry, 2ft. above ground and 1.5ft below ground 9 inches thick plastered.
1.9	Floor:- Concrete floor with plaster
1.10	Shade Net: - Black/ Green color 75 or 50% at gutter height inside the green house manually roll-able shade net of Netlon make.
1.11	Ante-Room:- An ante-room size 2x2x2m with double doors, cladding of polycarbonate sheet 6mm thick Lexan/Bayer make. Ante room corridor will have side brick wall (2ft. above ground, 1.5ft. below ground), cemented (PCC) floor. Air Curtain (1no.) Size: 3' wide heavy duty, cabinets of Air curtain are made of cold rolled mild steel sheets. The blowers are made of high quality aluminium sheet with ½ HP motor & double blower system, powder coated finished at pre entry point with auto main ON/OFF operation at the time of door opening/closing.
1.12	Lighting: - LED Light (8 nos.)
1.13	Electrical Wiring: - All wires will be of copper suitable for the desired load, switches from reputed brand. High quality ISI approved fitting with copper multistand twisted Fire Resistant Grade (Plaza or ISI Mark) wires standards of safety with proper MCB with appropriate electrical points of 5/15 amps combined (Havells/ Anchor make)
1.14	Benching System (6nos.): - Heavy duty GI welded with 10 guage spot-welded GI bench with anti- corrosive, humidity resistant treatment with top load bearing capacity of bench 1000kg. approx. Bench Structure- Size: 8' x 2.5'x 4'(L x H x W) Table Frame : 1 ½"MS Angle Bench Top Platform : 10 gaugeMS Iron rod Design for: Root trainer & Plastic pots

Note: Most of the clusters are situated in hilly region, so the nursery needs to be protection from heavy rainfall/snowfall. For this,important Accessories/part not mentioned in the list should also be quoted.

Name of work: - Making of Shade Net House 1500 sq. feet (Length: 75ft, width: 20ft, centre height: 12ft and side height: 8ft) at clusters namely Gaidikhata, (Haridwar district), Bazira (Rudraprayag district), Bhigun (Tehri district) and Kausani (Bageshwar district)

S.No	Description of Item of work	Qty	Unit
1.1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth 1.5 m in width as well as 10 sum on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.		
	All Kind of soil	10.00	cum
2	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level:		
ii)	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	3.00	cum
3	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level floor V level in all shapes and sizes in :		
	Cement mortar 1:6 (1 cement: 6 coarse sand)	6.00	cum
4	Providing and laying sand as per direction of Engineer- In- Charge.	10.00	cum
5	Providing and laying stone pables as per direction of Engineer- In- Charge.	5.00	cum
6	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.	50.00	
	40mm dia. Nominal bore		metre
7	Steel work in built up tubular trusses including cutting, hoisting fixing in position and applying a priming coat of approved stell primer, welded and bolted including special shaped washers etc. complete.		
	Hot finished seamless type tubes	1,150.00	Kg
8	Providing and fixing Netlon Green Net	200.00	
	50%		sqm
	75%	150.00	sqm

Note: Most of the clusters are situated in hilly region, so the nursery needs to be protection from heavy rainfall/snowfall. For this, important Accessories/part not mentioned in the list should also be quoted.

COMPANY PROFILE: MANDATORY FORM

Sr.	Particular	Details
1.	Vendor Name	
2.	Vendor Type	
a.	In case of Public/Pvt. Ltd company (Certified copy of Certificate of incorporation for companies &Memorandum and Articles of Associations)	
b.	In case of Partnership Firm(Partnership deed)	
c.	In case of Proprietorship (Registration certificate, Factory registration, DIC -industrial registration)	
d.	In case of society (Certified copy of registration deed with objects of constitution of society)	
e.	In case of Corporation(Authenticated copy of the parent statute)	
3.	Address with Phone No., Email Id. and Fax No.:	
4.	Name and Contact details of the Authorised Person	
5.	PAN No. (attach attested copy) (Mandatory in case TDS is Deducted)	
6.	GST Registration No.	
7.	Name of the Bank & Branch name and address	
8.	Bank Account No.	
9.	BIC (IFSC Code No.)	

ANNEXURE-1

LIST OF THE CLUSTERS

Sr.	Name of District	Name of Cluster
1	Haridwar	Gaindhata
2	Rudraprayag	Bazira
3	Tehri	Bhigun
4	Bageshwar	Kausani

ANNEXURE-2
FORMAT FOR PERFORMANCE GUARANTEE
(On Non-Judicial Stamp Paper)

To be stamped according to Stamp Act and to be in the name of the executing Bank

To:

Director General
Uttarakhand State Council for Science and Technology
VigyanDham, Jhajra, Dehradun (UK)

In consideration of the Director General of UCOST, having its registered office at VigyanDham, Jhajra, Dehradun (UK)(hereinafter called the "Authority" which expression shall unless repugnant to the subject or context include its administrators successors and assigns) having agreed under the terms and conditions of the Award Letter bearing No ____ dated _____ issued by the Authority, which has been unequivocally accepted by the Agency (refer NOTE below) work of _____ (hereinafter called the said Contract) to accept a Deed of Guarantee as herein provided for Rs. _____ (Rupees _____ only) from a Bank, in lieu of the security deposit to be made by the Agency or in lieu of the deduction to be made from the Agency's bill, for the due fulfilment by the said Agency of the terms and conditions contained in the same Contract. We _____ the _____ (hereinafter referred to be "the said Bank" and having our registered office at ___ do hereby undertake and agree to indemnify and keep indemnified to the Authority from time to time to the extent of Rs. _____(Rupees _____ only) against any loss or damage, costs charges and expenses misused to or suffered by or that may be caused to or suffered by the Authority by reason of any breach or breaches by the agency and to unconditionally pay the amount claimed by the Authority on demand and without demand to the extent aforesaid. We, _____ Bank, further agree that the Authority shall be the sole judge of and as to whether the said Agency has committed any breach or breaches of any of the terms and conditions of the said Contract and the extent of loss, damage, costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Authority on account thereof and the decision of the Authority that the said Agency has committed such breach or breaches and as to the amount or amounts of loss, damage, costs charges and expenses caused to or suffered by or that may be caused to or suffered by the Authority from time to time shall be final and binding on us.

1) We, the said Bank, further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said contract and till all the dues of the Authority under the said Contract or by virtue of any of the terms and conditions governing the said Contract have been fully paid and its claims satisfied or discharged and till the owner certifies that the terms and conditions of the said Contract have been fully and properly carried out by the Agency and accordingly discharges this Guarantee subject, however, that the Authority shall have no claim under the Guarantee after 180 (One Hundred Eighty) days from the date of expiry of the contract period.

2) The Authority shall have the fullest liberty without affecting in any way the liability of the Bank under this Guarantee or indemnity, from time to time to vary any of the terms and conditions of the said contract or to extend time of performance by the said Agency or to postpone for any time and from time to time any of the powers exercisable by it against the said Agency and either to enforce or forbear from enforcing any of the terms and conditions governing the said contract or securities available to Authority and the said Bank shall not be released from its liability under these presents by any exercise by the Authority of the liberty with reference to the matters aforesaid or by reason of time being given to the said Agency or any other forbearance, act or omission on the part of the Authority or any indulgence by the Authority to the said Agency or any other matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so releasing the Bank from its such liability.

3) It shall not be necessary for the Authority to take legal action against the Agency before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank, notwithstanding any security which the Authority may have obtained or obtain from the Agency shall at the time when proceedings are taken against the Bank hereunder be outstanding or unrealised.

4) We, the said Bank, lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the Authority in writing and agree that any change in the Constitution of the said Agency or the said Bank shall not discharge our liability hereunder. If any further extension of this Guarantee is required the same shall be extended to such required periods on receiving instructions from M/s. ___ on whose behalf this guarantee is issued.

For and on behalf of (the bank)

Signature _____

Name & Designation _____

Authorisation No.

Date and Place

Bank Seal

The above guarantee is accepted by the Authority.

ANNEXURE - 3
PROFORMA OF GENERAL POWER OF ATTORNEY

(To be signed and executed on non- judicial Stamp Paper of Rs. 10/-)

Be it known all to whom it concern that:

1. Shri/Smt _____ S/O _____
Residing at _____

2. Shri/Smt _____ S/O _____
Residing at _____

3. Shri/Smt _____ S/O _____
Residing at _____

I/ We all the Partners/ Directors/ Board members/ trustees/ Executive council members/ Leaders of M/S _____ having its registered office at _____ hereby appoint Sri _____ S/O _____ residing at _____ as my/our attorney to act my/our name and on behalf and sign and execute all Documents/ Agreements binding the firm for all contractual obligations (including reference of cases to arbitrators) arising out of contracts to be entered into by the company/ Corporation/ society/ trust/ firm with the Office of (Authority), UCOST, VigyanDham, Jhajra, Dehradun (UK) in connection with its EOI no. _____ dated _____

For _____ due for opening on _____.

In short, he is fully authorized to do all, each and everything requisite for the above purpose concerning M/s _____ and I/We hereby agree to confirm and ratify his all and every act of this or any documents executed by my/ our said Attorney within the scope of the authority hereby conferred on him including references of cases to arbitration and the same shall be binding on me/ us and my/ our company/ Corporation/ society/ trust/ firm as if the same were executed by me/ us individually or jointly.

Witness (With address)
members

Signature of the Partners/ Directors/ Board
Members Executives/ Trustees/ Council

- 1)
- 2)
- 3)

ANNEXURE-4
DETAILS OF THE AGENCY

Sr.	Name of Person/Agency	Exp. In years in installing of Mist chamber and Shade Net house services	Place of Mist chamber and Shade Net house installed earlier	Contact No.	Signature

ANNEXURE-5

TO WHOM SO EVER IT MAY CONCERN

CHARTERED ACCOUNTANT CERTIFICATE

On the basis of verification of books of accountants and other documents produced before us and maintained by the Company, we certify that M/s _____ is engaged in construction of net house/ mist chamber for modern nursery. This is to certify that they have turned over from construction activities net house/ mist chamber for modern nursery.

Sr. No	Financial Year	Turnover (in Rs. Lakhs)
<u>1</u>	2013-14	
<u>2</u>	2014-15	
<u>3</u>	2015-16	
	Avg. of above	