

REQUEST FOR QUOTATION

FOR

“TO APPOINT EXPERTS OF COLD STORAGE”

(COLD STORAGE, INTEGRATED CS, PRE COOLING, RIPENING CHAMBERS AND REEFER VANS)

CLIENT


National Institute of Post-Harvest Technology.

S.No. 398-400, Old Pune Mumbai Highway, Next to CRPF Campus,

At Post Talegaon Dhabade, Tal: Maval,

District : Pune - 410506

Advertise Published on Website: 29.09.2021

	<p align="center">National Institute of Post-Harvest Technology (NIPHT)</p>									
<p align="center">S. No. 398-400, Next to CRPF Campus, Talegaon Dabhade, Tal. Maval, Dist. Pune – 410 506, Maharashtra, India. Phone: (02114) 255480, 255481, Email: htc_td@yahoo.co.in</p>										
<p align="center">ADVERTISE</p> <p><u>REQUEST FOR SEALED QUOTATIONS FOR “TO APPOINTEXPERTS OF COLD STORAGE”(Cold Storages, Pre Cooling,Integrated CS, Ripening Chambers and Reefer Vans)</u></p>										
<p>NIPHT invites sealed quotations for “To Appoint Experts Of Cold Storage”(Cold Storages, Integrated CS, PC,Ripening Chambers and Reefer Vans)at NIPHT ” Talegaon Dabhade. The interested firms are requested to submit their quotations in sealed envelopes superscripted as “Request for sealed quotations for “To Appoint Experts Of Cold Storage”(Cold Storages,PreCooling,Integrated CS, Ripening Chambers and Reefer Vans)on or before 08.10.2021 upto 4.00 PM.The details are as follows:</p>										
<table border="1"><thead><tr><th data-bbox="295 1086 375 1131">S.N</th><th data-bbox="375 1086 1189 1131">Particular</th><th data-bbox="1189 1086 1476 1131">Total Amount(Rs)</th></tr></thead><tbody><tr><td data-bbox="295 1131 375 1243">1</td><td data-bbox="375 1131 1189 1243">Request for sealed quotations for“To Appoint Experts Of Cold Storage” (Cold Storages, Integrated CS,PC, Ripening Chambers and Reefer Vans)</td><td data-bbox="1189 1131 1476 1243"></td></tr><tr><td data-bbox="295 1243 375 1288"></td><td data-bbox="375 1243 1189 1288" style="text-align: right;">Total Amount Rs.</td><td data-bbox="1189 1243 1476 1288"></td></tr></tbody></table>		S.N	Particular	Total Amount(Rs)	1	Request for sealed quotations for“To Appoint Experts Of Cold Storage” (Cold Storages, Integrated CS,PC, Ripening Chambers and Reefer Vans)			Total Amount Rs.	
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	Total Amount Rs.									
<p>For further details about terms and conditions, please visit website – www.nipht.org</p> <p align="right">Director, NIPHT Talegaon Dabhade</p>										

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1. Invitation & Specification:-

- The National Institute of Post-Harvest Technology (“NIPHT”) invites sealed quotations with most competitive rates for “To Appoint Experts Of Cold Storage” (Cold Storages, Integrated CS, PC, Ripening Chambers and Reefer Vans) Talegaon Dabhade.
- Details of “Request for sealed quotations for “To Appoint Experts Of Cold Storage” (Cold Storages, Pre Cooling, Integrated CS, Ripening Chambers and Reefer Vans) at NIPHT” **on attached Annexure-2**

2. Scope of Work

- To carry out technical scrutiny of proposals received for establishment of Cold/CA Storages, Fruit Ripening Chambers and Reefer Vans by evaluating Basic Data Sheet of the project proposals in accordance to the extant technical standards and protocols approved by DAC&FW, Government of India. Technical Scrutiny of Basic Data Sheet will broadly cover the following :
 - Requirement of Temperature, Relative Humidity, Energy Efficiency and other Environmental requirements.
 - Basic Cold Storage design and structure as per standards, fresh air/ventilation system, cold storage chamber sizing, capacity, machine rooms and utility areas, building and construction details, insulation and vapour barrier, cold storage doors and air curtains, grading sorting, washing, packing line etc. as per approved technical standards and protocols.
 - Analysis of heat load calculations of cooling system i.e. ambient conditions, refrigeration load during loading, pull down, holding, compression operation hour per day, total refrigeration load requirements etc. in the project.
 - Examination of cooling system design and equipment selection i.e. cooling system configuration, compressor details, condenser details, cooling tower details, air cooling units, electrical installation/requirements etc.
 - Evaluation of safety provisions, codes and standards followed in building design and structure, construction materials, thermal insulation and application, refrigeration equipment and systems, electrical and mechanical systems, food safety, energy saving devices etc. as per extant approved technical standards and protocols.

- Examination of operation and maintenance, estimated performance parameters of the proposed cold storage unit in the proposed project as per prescribed technical standards and protocols.
- Inspection of projects at the time of fixing of thermal insulation with respect to conformity of civil structure with design, material specification and workmanship of thermal insulation including vapour barrier and cladding.
- To carry out inspection of the completed project along-with Joint Inspection Team and verify that the infrastructures created/ installed is in conformity of the extant approved technical specifications, Basic Data Sheet and record his comments clearly on missing component(s)/ deficiencies, if any, observed during inspection of the project.
- To attend meetings held at Sakhar Sankul Pune office or other place.
- Technical scrutiny of Basic data sheet submitted by the entrepreneurs for various cold storages / Pre cooling units / Ripening chambers / Reefer vans / integrated pack house / Integrated cold chain etc.
- Checking & approval of Cooling load Calculation submitted by the entrepreneurs for various cold storages / Pre cooling units / Ripening chambers / Reefer vans / Integrated pack house / Integrated cold chain etc.
- Joint Inspection of various cold storages / Pre cooling units / Ripening chambers / Reefer vans / Integrated pack house / Integrated cold chain all over Maharashtra
- Any other need based Technical Support to NIPHT in this regard as per requirement

3. Validity of Quotation:-

- Quotation shall remain valid for the period not less than 30 days after the deadline specified for submission.
- Date of publishing the advertise on website 29.09.2021
- Last date of submission of quotation 08.10.2021 up to 4.00 pm.

4. Education and Experience:

i. Bidders have Minimum qualification diploma in Mechanical Engineering, minimum total experience should be more than 20 years & for B.E. Mechanical. Refrigeration & Air Conditioning subject must have been there in their syllabus. Bidders should have

minimum 15 years experience in designing the system cold storages / Pre cooling units / Ripening chambers / Reefer vans / integrated pack house / integrated cold chain etc along with 10 years experience in installation, testing & commissioning of the same.

ii. Nominated Expert should have the experience of handling atleast 15 Cold storage/Cold chain projects of above 500 MT capacities each with Ammonia and HFC/HCFC refrigerants. A list of such projects must be provided with application.

iii. Bidders should have required infrastructure for taking up assignment as per job requirement.

iv. Bidders should have capability, as may be evident from their past experience in similar work in the area of technical specifications and standards.

v. Bidders should not have any business association or professional interest with any manufacturing/ contracting company operating in Cold Chain Sector.

vi. Bidders should have knowledge of Technical standards & protocol prepared by NHM/ NHB / APEDA / NCCD etc. for the cold chain in India

5. Period of Empanelment

Initial empanelment will be for a period of 3 years. Subsequent renewal will be at the sole discretion of NIPHT based on performance assessment. NIPHT also reserves the right to curtail the period of engagement depending upon administrative and implementation requirements of the programme at any stage.

6. Remuneration for the Assignment

The remuneration to the empanelled Bidders will be quote in **Annexure – 2**

Sr No.	Type of Assignment	Cold/CA Storage Project	Ripening Unit	Reefer Vehicle	Modernization of Cold Storage
1	Evaluation of Basic Data Sheet				
2	Joint Inspection				
3	Re-Joint Inspection/Verification of Missing Components				

7. Submission of Proposal

Interested and eligible Bidders may submit their Application in the prescribed format with complete information. The Application Form duly filled in, along with all supporting documents/information should be submitted in a sealed envelope superscribing as “Request for sealed quotations for“To Appoint Experts Of Cold Storage” (Cold Storages, Integrated CS,PC, Ripening Chambers and Reefer Vans)to:

**The Director,
National Institute of Post Harvest Technology,
S.No.398-400, Next to CRPF Campus, Old Pune Mumbai Highway,
Talegaon Dabhade, Tal.Maval,
Dist.Pune Pin.410506, Maharashtra, India
Email:htc_td@yahoo.co.in,project@nipht.org**

The application may also be dropped in the Administration office located in NIPHT office on above address.

- NIPHT requested to submit the sealed quotations clearly superscripted as “Request for sealed quotations for“To Appoint Experts Of Cold Storage” (Cold Storages,Pre Cooling, Integrated CS,PC, Ripening Chambers and Reefer Vans)at NIPHT.
- The rates should be submitted as per prescribed format given in Annexure -2.
- You are requested to submit the quotation latest by 08.10.2021 up to 4.00 pm in the prescribed format with required documents.
- The quotations received thereafter whether by post/courier or by hand delivery or otherwise will not be entertained at any cost. Postal delay or loss of Quotation in transit will not be the responsibility of NIPHT. Offers sent by FAX/e-mail will not be considered.
- Please quote the lowest possible rate.
- NIPHT reserves the sole right to accept or reject Quotation or abort Quotation procedure without assigning any reasons thereof.

We look forward to receive your quotations within the time limit.

Director, NIPHT
Talegaon Dabhade.

Annexure – 1

Technical Documents

1. Tender Form with seal and signature of the bidder.

2. Self-attested copy of Permanent Account Number (PAN)/TAN.

3. Self-attested Income Tax Returns certificate for last three year.

4. Declaration by the Bidder on letter that it has never been involved in any illegal activity or financial frauds.

5. Any other documents in support of offer.e.g Certificate

Annexure – 2

Financial Format

Sr No.	Type of Assignment -	Total Price Quote(Rs)/Project
1	Cold/CA Storage,PC, Ripening Unit ,Reefer Vehicle, Modernization of Cold Storage Project etc. a. Evaluation of Basic Data Sheet b.Joint Inspection c.Re-Joint Inspection/ Verification of Missing Components	

Authorized Signatory

Name:

Designation:

Signature:

Annexure-3

MANDATE FORM FOR BANKING DETAILS

- 1) Name:

- 2) Registered /Postal Address:

- 3) Permanent Account Number (PAN) No.

- 4) Bank details:
 - a) Bank Name:

 - b) Branch Address:

 - c) Account No. :

 - d) Type of Account (Current/Savings):

 - e) MICR No. :

 - f) RTGS/NEFT Code:

Date: Name of the Authorized Signatory