

W-5  
Aug  
2022

**PROCUREMENT OF CIVIL WORKS  
UNDER  
NATIONAL SHOPPING PROCEDURES**

**FOR**

***PUF Panel Work For Ripening Chamber (70MT)  
For***

***SUKHKARATA AGRO FARMERS PRODUCER COMPANY Ltd At  
kopari, Tal-khalapur, Dist-Raigad***

**UNDER**

**Hon. Balasaheb Thackeray Agribusiness Rural Transformation  
(SMART) Project**

### **TENDER NOTICE**

Govt. of Maharashtra is implementing World Bank assisted Hon. Balasaheb Thackeray Agribusiness And Rural Transformation (SMART) Project for developing Agriculture Commodity value chains. SUKHKARATA AGRO FARMERS PRODUCER COMPANY Ltd At kopari,Tal-khalapur,Dist-Raigad is one of the beneficiaries under the project SUKHKARATA AGRO FARMERS PRODUCER COMPANY Ltd At kopari,Tal-khalapur,Dist-Raigad invites bids for the following works.

Name of work (Components)	Estimated Tender Amount in Rs.	Tender fee Rs.	EMD	Period of Completion in Months
PUF Panel Work For Ripping Chamber (70 M.T.)	27,41,115/-	1000/-	Submission of Bid security declaration	3 months
Sale of tender document		From 03/03/2023 To 17/03/2023 up to 15.00 PM		
Tender Submission end date & time		17/ 03/2023 up to 15 PM		
Technical bid opening date & time		17/03/2023 at 15.30 PM		

Bid document is available at the following office address and also on project website <https://www.smart-mh.org>. For further any updates / notices shall be published on project website only.

#### **President**

*SUKHKARATA AGRO FARMERS PRODUCER COMPANY Ltd. Survey no. 25/1, At Kopari, Post -Chouk,  
Tal-khalapur, Dist-Raigad, Maharashtra 410206  
Phone no-9373773407*

**INVITATION FOR QUOTATIONS FOR  
PUF PANEL WORK RIPENING CHAMBER (70 MT)**

Date: 03/03/2023

RFQ No.: SMART/Sukhakarta/Works/puf panel/64 /2022-23

To

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Sub: Invitation For Quotations for Proposed Construction work  
for PUF **PANEL WORK RIPENING CHAMBER (70 MT)**

Dear Sirs,

- 1) Govt. of Maharashtra is implementing World Bank assisted Hon. Balasaheb Thackeray Agribusiness And Rural Transformation (SMART) Project for developing Agriculture Commodity value chains. Project is extending up to 60% grants in the form of Viability Gap Fund (VGF) to eligible Community Based Organizations (CBO).
- 2) The SMART Project is being implemented by various Project Implementation Units. PIU- Agri- Cum Director, ATMA, Comissionerate of Agriculture,Pune is one of the implementing unit of SMART Project. *Sukhakarta agro farmers producer company ltd. At kopari,tal khalapur dist raigad* is one of the beneficiary of Director, ATMA, Comissionerate of Agriculture,Pune under the SMART project.
- 3) *Sukhakarta agro farmers producer company ltd. At kopari,tal khalapur dist raigad* (hereinafter referred to as employer) is inviting quotation for the following work under the SMART Project.
- 4) You are invited to submit your most competitive quotation for the following works:-

Sr. No.	Brief Description of the Works	Approximate Value of Work (in Rs.)	Period of completion
1	<b>PUF Panel Work For Ripening Chamber (70MT)</b>	27,41,115/-	3 Months

- 5) To assist you in the preparation of your quotation, we are enclosing the following:
  - a) Layout Drawings of the works;
  - b) Detailed Bill of Quantities,
  - c) Technical Specifications;
  - d) Instructions to Bidders (in two sections).
  - e) Draft Contract Agreement format which will be used for finalizing the agreement for this Contract.
- 6) You are requested to provide your offer latest by 15 PM on 17 / 03/2023.
- 7) Technical bid will be opened in the presence of bidders or their representatives who choose to attend 15.30PM on 17/03/2023 in the office of *Sukhakarta agro farmers producer company ltd. At kopari, tal khalapur, dist raigad*
- 8) We look forward to receiving your quotations and thank you for your interest in this project.

SD/-

**President, Procurement Committee**  
**Name: Subhash Mahadu Mundhe**  
*Mundhe farm, At kopari, tal-khalapur, dist raigad*

## Instructions to Bidders

### SECTION - A

#### 1. Scope of Works:

*Sukhakarta agro farmers producer company ltd. At kopari,tal khalapur dist raigad* invites quotations for the construction of works as detailed in the table given below

Sr. No.	Brief Description of the Works	Approximate Value of Work (in Rs.)	Period of completion
1	PUF Panel Work for Ripping chamber	27,41,115/-	3 Months

The successful bidder will be expected to complete the works by the intended completion date specified above.

#### 2. Qualification of the bidder:

The bidder shall provide qualification information which shall include:-

- total monetary value of construction works performed for each year of the last 3 years;
- Report on his financial standing; (Turn over certificate issued by Chartered Accountant for last three years); and
- Details of any litigation, current or during the last 3 years in which the bidder is involved, the parties concerned and disputed amount or awards in each case.
- Should possess valid license for executing civil works as per appropriate class issued by central or state PWD or any government department.

#### 3. To qualify for award of the contract the bidder:-

The bidder should fulfill following all qualification criteria;

- Should have GST registration
- Should possess valid license for executing civil works as per appropriate class issued by central or state PWD or any government department. – **Not Applicable**
- should have achieved in at least one year an annual financial turnover of value not less than **Rs. 30.00 Lakh's** in the last three years;
- Experience of having successfully completed similar works during last 5 years ending last day of month previous to the one in which bid is invited
  - Three similar completed works each costing not less than the amount equal to **Rs.10.96 Lakhs OR**
  - Two similar completed works each costing not less than the amount equal to **Rs.13.70 Lakhs OR**
  - One similar completed work costing not less than the amount equal to **Rs.21.92 Lakhs**
- Should not have been black listed, debarred or suspended on the date of bid opening by any of the Government organization, the World Bank Group.
- No contract should have been suspended or terminated and/or performance security called by an employer(s) for reasons related to Environmental, Social (including sexual exploitation and abuse (SEA) and gender-based violence (GBV)), Health, or Safety (ESHS) requirements or safeguards in the past five years.

- g) Should not have Conflict of Interest as mentioned in the ITB 4.

**4. Conflict of Interest:**

Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:

- a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
- b) receives or has received any direct or indirect subsidy from another Bidder; or
- c) has the same legal representative as another Bidder; or
- d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process; or
- e) any of its affiliates has been hired (or is proposed to be hired) by the Employer or Borrower as Engineer for the Contract implementation;
- f) has a close business or family relationship with the concerned professional staff of the Borrower or of the project implementing agency.

(\*for further details refer to paragraphs 3.14 and 3.15 of the "Procurement Regulations" setting forth the World Bank's policy on conflict of interest)

**5. Bid Price**

- a) The contract shall be for the whole works as described in drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialing, dating, and rewriting.
- b) The rate/price should be inclusive of all duties, GST and other levies payable by the contractor under the contract.
- c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) The bidder shall fill in the prices for the Works in conformity with the bidding documents, both in figures and words.
- e) Bidder need to quote for all the items mentioned in the BOQ. If bidder failed to quote for any or more items given in the BOQ and if bidder is selected, in such case bidder has to complete the work of the said item/items without any cost.

**6. Validity of Quotation**

Quotation shall remain valid for a period not less than 90 days after the deadline date specified for submission.

**7. Tender Fee & Bid Security:**

**a) Tender Fee:**

Bidding document should be purchased from the Employer office for a non-refundable fee as indicated. Bidder may also download bidding document from aforesaid website and submit bid document cost in the form of demand draft along with the bid. If bidder fails to submit the tender fee, the bid submitted by such bidder shall be rejected.

**b) Bid Security :**

- 1) Bidder should submit bid security declaration in the attached format. If bidder not submitted bid security declaration, the bid submitted by such bidder shall be rejected.
- 2) The Bid Security declaration shall be executed
  - a) if a bidder withdraws its bid prior to the expiry date of bid validity specified by the bidder on the letter of bid or any extended date provided by the bidder; or
  - b) During the bid process, if any information submitted found manipulated / hidden / false / mala fide in the bid
  - c) if the successful Bidder fails to
    - (i) sign the Contract or
    - (ii) furnish a Performance Security

## 8. Submission of bid.

- a) The bidder is advised to visit the site at his own expense and obtain all information that may be necessary for preparing the bid.
- b) Each bidder shall submit only one bid.
- c) Modification and Withdrawal of Bids – Resubmission of bid by the bidders for any number of times before the final date and time of submission is allowed.
- d) Bid shall comprise of the following 2 envelopes:
  - 1) **Envelope 1:** Technical bid
  - 2) **Envelope 2:** Financial /price bid

Note: The above both the envelopes are to be submitted in a separate sealed envelopes mentioning the Technical bid and financial bid on top of the each envelop and bidders name at bottom of the envelope. Both these two envelopes shall be packed in a one outer envelope & seal it.

The sealed outer envelope will also bear the following identification: -

- Bid for **PUF Panel Work for Ripening Chamber (70MT)**
- Bidder's name.....
- Bidder's address .....
- Bidder's contact number .....

### 1) Technical bid: (Envelop 1)

The bidder shall submit following documents in the technical envelope.

- 1) Demand draft towards tender document fee if tender document downloaded from the website OR payment receipt if tender document purchased from the employer office.
- 2) Details of technical documents submitted (form no 1)
- 3) Qualification information in the format (Form -2)
- 4) Bid security declaration (Form-3)
- 5) The declaration that the bidder is not black listed/banned by any Government department / Public Sector Undertaking/ Private Sector/ or any other agency (form no 4)
- 6) Declaration about not have Conflict of Interest as mentioned in the ITB 4. (Form No 5)
- 7) Turn over certificate issued by the Chartered Accountant (Form-6)
- 8) Evidence of access to or availability of cash flow (Format 7)
- 9) Contractor registration certificate of appropriate class issued by the any Government organization.
- 10) GST registration certificate

### 2) Financial Bid: (Envelop 2)

The bidder shall quote for all items given in the attached quotation format only (Form no 8 & 9).

## **9. Bid opening and Evaluation process:**

### **a) Opening of Envelop – A (Technical Bid)**

The ‘Technical Envelop’ of bids will be publicly opened first in the presence procurement committee members and bidders’ designated representatives and anyone who chooses to attend at the address on the date and time specified in the tender notice. In the event of the date specified for bid opening being declared as a closed holiday for the purchaser’s office, the due date for opening of bids will be the following working day at the same time and venue.

### **b) Evaluation of Technical Bid**

The evaluation of the technical bids will be carried out as per the eligibility criteria mentioned in the clause 3. The bidders fulfilling minimum eligibility criteria are declared technically qualified and eligible opening of the financial proposal.

### **c) Opening of Envelop - 2 (Financial Bid)**

Financial envelope of technically qualified bidders shall be opened in the presence procurement committee members and bidders’ designated representatives on the date and time informed by the purchaser.

## **10. Correction of Arithmetical Errors**

1. If the bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:
  - (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
  - (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
  - (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
2. Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction shall result in the rejection of the Bid.

## **11. Evaluation of Financial bids/ Quotations**

To evaluate a bid, the Purchaser shall consider the following:

- a) Financial evaluation will be done for all items together
- b) Price adjustment for correction of arithmetic errors in accordance with ITB 10.
- c) By applying the above evaluation criteria, the Purchaser shall determine the Most Advantageous Bid. This is the bid of the bidder that meets the qualification criteria and whose bid has been determined to be:
  - (a) Substantially responsive to the bidding document; and

(b) the lowest evaluated cost.

**12.** Information relating to evaluation of bids and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.

**13. Award of contract:**

- a) The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.
- b) Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- c) The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.

**14. Performance Security:**

Within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the employer the performance security in the form of Demand draft in favor of the employer for an amount equivalent of 3 % of the contract price.

**15. Period of Maintenance:**

The "Period of Maintenance" for the work is Twelve months from the date of taking over possession or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

**16.** Purchase of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor.

## SECTION - B

1. Format for Qualification Information.
2. Format for Submission of Quotation.
3. Format of Letter of Acceptance.

**Details of technical documents submitted**

(On bidder's letter head)

<b>Sr. No.</b>	<b>List of documents to be submitted</b>	<b>Document page No</b>
1	Tender fee receipt	
2	Qualification Information (form no 2)	
3	Bid security declaration (Form no 3)	
4	The declaration that the bidder is not black listed/banned by any Government department/ Public Sector Undertaking/ Private Sector/ or any other agency (form no 4)	
5	Declaration about not have Conflict of Interest as mentioned in the ITB 4. (Form No 5)	
6	Turn over certificate issued by the chartered Accountant for financial years (2019-2020,2020-2021,2021-2022 ) (Form No 6) or copy of ITRs or balance sheet	
8	Evidence of access to or availability of cash flow (Form No 7 )	
9	Valid license for executing civil works as per appropriate class issued by central or state PWD or any government department	
10	GST registration certificate	
11	Others	

Signature

Name of Authorized Signatory.....

Bidder's Office Seal

**Note: Bidders should submit this form along with all above mentioned required documents. Each document should be numbered. Employer reserves the right to reject the bid if any of the required documents are not submitted by the bidder along with the bid.**



Proposed subcontracts and firms involved.

Sections of the works	Value of Sub-contract	Sub-contractor (name & address)	Experience in similar work

Evidence of access to financial resources to meet the requirement of working capital: cash in hand, lines of credit, etc. List them below and attach copies of supporting documents.

Particulars	Amount	Details
Cash in hand		
Availability of Cash flow		
Other source of fund if any		

Name, address, and telephone, telex, and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer.

Name of Bank	Detailed Address	Contact No

Information on litigation history in which the Bidder is involved.

Other party(ies) 1	Employer 2	Cause of dispute 3	Amount involved 4	Remarks showing present status 5

If there is NO any litigation, then mention NIL.

If YES then mentioned the details column 3 and status in column 5

Contract(s) suspended or terminated and/or Performance Security called by an employer(s) for reasons related to Environmental, Social (including sexual exploitation and abuse (SEA) and gender-based violence (GBV)), Health, or Safety (ESHS) performance during the last five years. (If YES, mention details in the following format)

Contract(s) suspended or terminated by an Employer(s)			
Year	Contract Identification, Name and address of the Employer, and reasons for suspension or termination	Amount of suspended or terminated portion of contract (Rs)	Total Contract Amount (Rs)

Performance Security called by an employer(s)			
<b>Year</b>	Contract Identification, Name and address of the Employer, and reasons for calling of performance security		Total Contract Amount (Rs)

Signature

Name of Authorized Signatory.....

Bidder's Office Seal

**BID SECURITY DECLARATION**  
**(To be submitted on the Bidder's Letter Head)**

Date: *[insert date]*

RFQ Ref No.: *[insert number]*

To:

*Sukhakarta agro farmers producer company ltd.*  
*At kopari,tal khalapur dist Raigad*

We, the undersigned, declare that:

We understand that, according to your conditions, quotation must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding in any contract with any CBO or project implementing unit under SMART or various offices under various Government organization / World Bank funded Projects for the period of 3 years starting from opening of the financial bids, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity or
- (b) having been notified of the acceptance of our Bid by the *Sukhakarta agro farmers producer company ltd. At kopari,tal khalapur dist raigad* during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security in accordance with the clauses of Request for Quotation.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Signature:

Name of person signing bid-security declaration:

Designation:

Name of Bidder:

Date:

Bidder's office Seal:

**FORMAT OF SELF DECLARATION WITH REGARD TO BLACKLISTING/ NON-  
DEBARMENT & ESHS**

**(To be submitted on the Bidder's Letter Head)**

Date: *[insert date]*

Tender Ref No.: *[insert number]*

To:

*Sukhakarta agro farmers producer company ltd.  
At kopari,tal khalapur dist Raigad*

We hereby confirm and declare that we, M/s -----,  
is not blacklisted/ De-registered/ debarred by any Government department /Public  
Sector Undertaking/ Private Sector/ or any other agency for which we have Executed/  
Undertaken the supply goods/ works/ Services during the last 3 years.

We also confirm and declare that no contract should have been suspended or  
terminated and/or performance security called by an employer(s) for reasons related to  
Environmental, Social (including sexual exploitation and abuse (SEA) and gender-based  
violence (GBV)), Health, or Safety (ESHS) requirements or safeguards in the past 5 years.

Signature

Name of Authorized Signatory.....

Bidder's Office Seal

**FORMAT OF SELF DECLARATION: NOT HAVE CONFLICT OF INTEREST**  
**(To be submitted on the Bidder's Letter Head)**

Date:

Tender Ref No.:

To:

*Sukhakarta agro farmers producer company ltd.*  
*At kopari,tal khalapur dist Raigad*

We hereby confirm and declare that we, M/s -----,  
not have Conflict of Interest as mentioned in the ITB 4. We undertake that we shall be  
liable for any punitive action in case of false declaration.

Signature

Name of Authorized Signatory.....

Bidder's Office Seal

**TURNOVER CERTIFICATE ISSUED BY CHARTERED ACCOUNTANT FIRM  
(on CA's letter head)**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that M/s. (name of bidder) is having registered office at (detailed office address). The turnover of the (name of firm) for the three financial year based on the audited financial Statement is as under.

<b>Sr. No.</b>	<b>Financial Year</b>	<b>Turnover in Rs.</b>
1		
2		
3		
	Total Turnover	
	Average Turnover	

The above information/figures are true and authentic to the best of my knowledge and belief. I/we am/ are well aware of the fact that furnishing of any false information/fabricated document would lead to rejection of bid or at any stage, besides liabilities towards prosecution under appropriate law.

Signature of the Chartered Accountant

Name of the Firm

Registration No.

Date:

Place:

(Seal of the Chartered Accountant)

Email id:

**FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CASH FLOW**

(To be provided on the letter head of the Bank)

**AVAILABILITY OF CASH FLOW (WORKING CAPITAL)**

This is to certify that M/s. \_\_\_\_\_ is a reputed company with a good financial standing. If the contract for the works, namely (*mention the name of work by the bank*) \_\_\_\_\_ is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of INR \_\_\_\_\_ to meet their capital requirements for executing the above contract.

**Signature of Bank Manager**  
**Name of Bank Manager**  
**Stamp of the Bank**

**LETTER OF QUOTATION  
(On Bidders Letter head)**

RFQ No: .....

Date of Quotation Submission: .....

To:  
*Sukhakarta agro farmers producer company ltd.*  
*At kopari,tal khalapur dist Raigad*

Subject: Submission of Quotation for Construction of **Construction of Ripening Chamber (70MT) PUF Panel Wall Work**

Sir,  
We have no reservations to the Invitation for Quotation Document, and offer to execute the Works referred above in accordance with the Conditions of Contract enclosed therewith at a Total Contract Price of –

Rs. \_\_\_\_\_ [in figures]  
Rs. \_\_\_\_\_ [in words].

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.

We confirm that we bound to comply with (i) the applicable Laws/ Rules/ Regulations for protection of environment, public health and safety; (ii) the regulatory authority conditions (if any) attached to any permits or approvals for the project;

We confirm that, if our quotation is accepted, we are responsible to submit and implement the detailed plan to comply the entire requirement mentioned in the annexure -2 with respect to Environmental, Social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), Health and Safety risks. We also confirm that we have included all cost associated for implementation of this plan in our quotation.

We hereby confirm that this quotation is valid for 90 days as mentioned in Instructions to bidders.

We have not been currently debarred or suspended by any Government Organization, the World Bank Group.

Yours faithfully,  
Authorized Signature : \_\_\_\_\_  
Date signed: \_\_\_\_\_  
Name & Title of Signatory : \_\_\_\_\_  
Name of Bidder : \_\_\_\_\_  
Address : \_\_\_\_\_

**BILL OF QUANTITIES**

The approximate Bill of Quantities is indicated below to give an idea of the work which should be executed in accordance with the approved drawings and specifications to enable the bidder to furnish the Item rate wise price. Bidders may, however, note that no variations in the Item rate cost are acceptable (except where extra items are ordered by the Engineer).

Sr. No	Item	Quantity	Unit	Unit Rate in Rs. inclusive of all duties, GST, other levies etc.		Total Amount
				In figures	In words	
<b>A</b>	<b>PUF WALL/CEILING INSULATION, FLOOR INSULATION AND DOORSPART ALONG WITH ACCESSORIES</b>					
1	SUPPLY AND INSTALLATION OF 60 MM THICK WALL AND CEILING INSULATED PUF PANELS AS PER TECHNICAL SPECIFICATIONS FOR BANANA RIPENING CHAMBER	627.49	SQM			
2	SUPPLY AND INSTALLATION OF 60MM THICK BARE SLAB WITH TARP SHEET PASTED ON TOP FLOOR INSULATION AS PER TECHNICAL SPECIFICATIONS FOR BANANA RIPENING CHAMBER	211.37	SQM			
3	SUPPLY AND INSTALLATION OF SWING TYPE HINGED DOOR OF SIZE 900 MM X 1981 MM, 60MM THICK PUF.	8	NOS			
4	SUPPLY AND FIXING OF BOTTOM C CHANNEL, INNER AND OUTER PPGI FLASHINGS FOR ALL CHAMBER.	320	RMT			
5	Management Strategies and Implementation Plan (MSIP) to manage the Environmental, Social, Health and Safety (ESHS) risks and ESHS Code of Conduct	lumsun				
	<b>Total Cost</b>					

Note: The total amount mentioned in the form-8 should be same as mentioned in the BOQ.

We agree to execute the works in accordance with the terms and conditions mentioned in the invitation for quotation document , approved drawings and technical specifications at a total fixed contract price of Rs...../- (amount in figures) (Rs. .... only amount in words).

Signature  
 Name of Authorized Signatory.....  
 Bidder's Office Seal

## Design and Technical Specifications.

Sr.	Description	Technical Details/Confirmations
1	External Size of Ripening Chamber (All Dimensions are in Meter)	10.67 x 19.81 x 4.0 ( L x W x H)
2	Individual Chamber Size in meter (5 Ton Capacity x 06 Nos.)	4.67 x 3.30 x 4.0 (L x W x H)
3	Individual Chamber Size in meter (40 Ton Capacity x 01 No.)	6.0 x 19.81 x 4.0 ( L x W x H)
4	Type Of Wall And Ceiling Panels	1000 mm/1200 mm Width, 300 mm x 300 mm Ready Corner –Puf Insulated Panels
5	Type Of Joints	Wall to Wall Camlock Joint
6	Insulation Material	Cfc Free Polyurethane Foam Insulation (Cyclopentane)
7	Density Of Puf	40 Kg/M3 +/- 2
8	Thermal Conductivity (Lambda Value ) W/Mk	0.028 W/Mk
9	Wall And Ceiling Puf Panels Thickness For Ripening Chamber	60 mm thick
10	Lamination of Sheet	Pre Painted Galvanised Iron 0.5 mm thick
11	Hot Dip Galvanization On Pre Coated Gi	120 Gsm
12	Yield Strength Mpa	350 Mpa
13	Adhesion Strength (Foam To Steel)	120 Kpa
14	Din 4102 Standard	B3 Grade
15	Floor Insulation	60 mm Bare Puf Slab
16	Vapour Barrier For Puf Floor Insulation	Bottom Side 250micron Polysheet and Tarple sheet pasted on top side of PUF slab
17	Doors	Swing Type
18	Size Of The Door For Blast	900 mm x 1981
19	Puf Panels, Doors And Angles Colour	Ral 9002--Off White Colour
20	Angles/Flashing	Included In Boq
21	Silicon Sealant, Rivets, Screws	Included

## 4.

### Inspections and Tests

The following inspections and tests shall be performed:

1. Inspection of each PUF Panel and their accessories done by expert appointed by purchaser.
2. Testing of capacity of PUF Panels and their accessories.
3. Step by Step training on uses/operation/ safety precautions/ Do and Don'ts's
4. Final Completion of and testing done through expert appointed by customer.

## **Management Strategies and Implementation Plan (MSIP) to manage the Environmental, Social, Health and Safety (ESHS) risks and ESHS Code of Conduct**

The policy goal, as a minimum, shall be to integrate environmental protection, forest and biodiversity conservation, pollution prevention, promote resource use efficiency, waste management, community health and safety measures and protection of cultural heritage sites during designing and execution of the civil works. It is also to promote gender equality, child protection, vulnerable people (including those with disabilities), sexual harassment, gender-based violence (GBV), sexual exploitation and abuse (SEA), HIV/AIDS awareness and prevention in the planning processes, programs, and various activities involved in the execution of the works.

The Bidder shall accordingly submit a comprehensive and concise Management Strategies and Implementation Plan (MSIP) to manage the Environmental, Social (including sexual exploitation and abuse (SEA) and gender-based violence (GBV), Health and Safety (ESHS) risks, and ESHS Code of Conduct.

The Plan shall include;

1. Management of construction debris (silt, oil, solid waste, wastewater, etc.) and traffic management plan to ensure safety of local communities and ecosystem from construction activities
2. Abatement plan for environmental pollution, re-vegetation of construction site and sensitization of workforce
3. Water resource protection plan to prevent contamination of drinking water;
4. Boundary marking and protection strategy to prevent depositing on private land and offsite adverse impacts;
5. Gender based violence and sexual exploitation and abuse (GBV/SEA) prevention and response action plan
6. Mobilization strategy
7. Worker's camp management plan including the process for mitigating construction related impacts on local community
8. Occupational health and safety plan of the workforce
9. Child Protection Plan
10. Capacity building/training Plan
11. HIV/AIDS awareness and prevention plan
12. Prevention and mitigation plan of COVID-19

The plan shall describe the actions, materials, equipment, management processes, including costs etc. that will be implemented by the Contractor, and its subcontractors.

The Bidder shall document and submit the Code of Conduct that will apply to its employees and subcontractors, to mitigate ESHS risks and to ensure compliance with its Environmental, Social, Health and Safety (ESHS) obligations under the contract.

In addition, the Bidder shall submit an outline of how this Code of Conduct will be implemented and availability of qualified and trained personnel to supervise and implement the action plan. This will include how it will be introduced into conditions of employment/engagement, what training will be provided, how it will be monitored and how the Contractor proposes to deal with any breaches.

For details, please refer to the chapter no. 11 on the Construction Management Guideline and chapter no 14 on Labour Management Framework of the SMART project's Environment & Social Management Framework (ESMF) report. For accessing ESMF report,

please visit [https://www.smart-mh.org/cdn//2019/08/190818171526\\_405e4be8b9d3ce2374fe29ce1561a62b.pdf](https://www.smart-mh.org/cdn//2019/08/190818171526_405e4be8b9d3ce2374fe29ce1561a62b.pdf) and for EHS guideline visit [http:// documents1.worldbank.org/curated/en/157871484635724258/pdf/112110-WP-Final-General-EHS-Guidelines.pdf](http://documents1.worldbank.org/curated/en/157871484635724258/pdf/112110-WP-Final-General-EHS-Guidelines.pdf)

**LETTER OF ACCEPTANCE  
CUM NOTICE TO PROCEED WITH THE WORK**

**(LETTER HEAD OF THE EMPLOYER)**

Dated: \_\_\_\_\_

To: \_\_\_\_\_ [Name and address of the Contractor]  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sirs,

This is to notify you that your quotation dated \_\_\_\_\_ for execution of the \_\_\_\_\_ for the contract price of Rupees \_\_\_\_\_ [amount in words and figures], is hereby accepted by us.

You are hereby requested to furnish performance security for an amount of Rs. \_\_\_\_\_ (equivalent to 3% of the contract price) within 15 days of the receipt of the letter. The Performance Security in the form of Bank guarantee or a Bank draft in favour of..... (Employer) shall be valid until date 28 days after the date of issue of the Certificate of Completion i.e., up to \_\_\_\_\_. Failure to furnish the Performance Security will entail cancellation of the award of contract.

You have to submit detailed ESHS compliance plan within one week from the date of this letter of acceptance. Failure to submit the acceptable ESHS plan will entail cancellation of the award of contract.

You are also requested to sign the agreement form and proceed with the work not later than \_\_\_\_\_ under the instructions of the Engineer, \_\_\_\_\_ and ensure its completion within the contract period.

With the issuance of this acceptance letter and you're furnishing the Performance Security, contract for the above said work stands concluded.

Yours faithfully,

**Authorized Signature  
Name and title of Signatory**

**Draft Agreement form for  
ARTICLES OF AGREEMENT**

1. This deed of agreement is made in the form of agreement on \_\_\_\_\_ day \_\_\_\_\_ month \_\_\_\_\_ 20\_\_\_\_, between the \_\_\_\_\_ (Employer) or his authorized representative (hereinafter referred to as the first party) and \_\_\_\_\_ (Name of the Contractor), S/O \_\_\_\_\_ resident of \_\_\_\_\_<sup>1</sup> (hereinafter referred to as the second party), to execute the work of construction of \_\_\_\_\_ (hereinafter referred to as works) on the following terms and conditions.

**2. Cost of the Contract**

The total cost of the works (hereinafter referred to as the “total cost”) is Rs. ....../- as per the final contract amount /amount reflected in final BOQ.

**3. Payments under the contract:**

Payments to the second party for the construction work will be released by the first party in the following manner: -

1 <sup>st</sup> R. A. Bill	25% of the total cost
2 <sup>nd</sup> R. A. Bill	20% of the total cost
3 <sup>rd</sup> R. A. Bill	20% of the total cost
4 <sup>th</sup> R. A. Bill	20% of the total cost
Final Work Completed as per Tender	15% of the total cost

**3.1** The Employer shall retain (Retention Money) 6% of the amount from each payment due to the Contractor subject to the maximum of 5% of final contract price. Half of the amount retained shall be repaid upon completion of the works, and other half shall be repaid when the Defects Liability Period has passed and the Engineer has certified that all Defects notified to the Contractor before the end of this period have been corrected. On completion of the whole works the Contractor may substitute the balance retention money with an “on demand” Bank guarantee.

Payments at each stage will be made by the first party:

- (a) on the second party submitting an invoice for an equivalent amount;
- (b) on certification of the invoice (except for the first installment) by the engineer nominated by the first party with respect to quality of works in the format in Annexure - 1; and
- (c) upon proper and justified utilization of at least 50 % of the previous installment and 100 % of any prior installment.

**4. Notice by Contractor to Engineer**

The second party, on the works reaching each stage of construction, shall issue a notice to the first party or the Engineer nominated by the first party [who is

<sup>1</sup>In case of a firm insert ‘complete address of the firm’. In case of an individual contractor insert identification like ‘son of and resident of’ etc.

responsible for supervising the contractor, administering the contract, certifying payments due to the contractor, issuing and valuing variations to the contract, awarding extension of time etc.] to visit the site for certification of stage completion. Within 15 days of the receipt of such notice, the first party or the engineer nominated by it, will ensure issue of stage completion certificate after due verification.

**5. Completion time**

The works should be completed in 18 Month from the date of this Agreement. In exceptional circumstances, the time period stated in this clause may be extended in writing by mutual consent of both the parties.

**6.** If any of the compensation events mentioned below would prevent the work being completed by the intended completion date, the first party will decide on the intended completion date being extended by a suitable period:

- a) The first party does not give access to the site or a part thereof by the agreed period.
- b) The first party orders a delay or does not issue completed drawings, specifications or instructions for execution of the work on time.
- c) Ground conditions are substantially more adverse than could reasonably have been assumed before issue of letter of acceptance and from information provided to second party or from visual inspection of the site.
- d) Payments due to the second party are delayed without reason.
- e) Certification for stage completion of the work is delayed unreasonably.

**7.** Any willful delay on the part of the second party in completing the construction within the stipulated period will render him liable to pay liquidated damages. @ 0.05 % of the contract value of the work per day which will be deducted from payments due to him. The first party may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 5 % of the contract amount.

**8. Duties and responsibilities of the first party**

The first party shall be responsible for providing regular and frequent supervision and guidance to the second party for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the first party, for checking quality of material and construction to ensure that it is as per the norms.

The first party shall supply 3 sets of drawings, specifications and guidelines to the second party for the proposed works.

Possession of the site will be handed over to the second party within 10 days of signing of the agreement.

The Engineer or such other person as may be authorized by the first party shall hold meeting once in a month where the second party or his representative at site will submit the latest information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.

The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The second party will carry out the instructions and promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the Engineer's notice, the first party as well as the engineer nominated by it, may instruct stoppage or suspension of the construction. It shall thereupon be open to the first party or the engineer to have the deviations rectified at the cost of the second party.

The Engineer shall issue a Certificate of Completion of the Works on the request of the second party, and upon deciding that the whole of the Works is completed.

## **9. Duties and responsibilities of the second party**

The second party shall:

- a) take up the works and arrange for its completion within the time period stipulated in clause 5;
- b) employ suitable skilled persons to carry out the works;
- c) regularly supervise and monitor the progress of work;
- d) abide by the technical suggestions/ direction of supervisory personnel including engineers etc. regarding building construction;
- e) be responsible for bringing any discrepancy to the notice of the representative of the first party and seek necessary clarification;
- f) ensure that the work is carried out in accordance with specifications, drawings and within the total of the contract amount without any cost escalation;
- g) keep the first party informed about the progress of work;
- h) correct the notified defects within the length of time specified by the Engineer;
- i) be responsible for all security and watch and ward arrangements at site till handing over of the works to the first party;
- j) maintain necessary insurance against loss of materials/cash, etc. or workman disability compensation claims of the personnel deployed on the works as well as third party claims from the start date to the end of defect liability period;
- k) pay all duties, taxes and other levies payable by construction agencies as per law under the contract (First party will effect deduction from running bills in respect of such taxes as may be imposed under the law);
- l) abide by the regulatory authority conditions (if any) attached to any permits or approvals for the project; and the ESHS Management Strategies and Implementation Plan and ESHS Code of Conduct, if any prescribed by the Employer;
- m) abide by all labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authorities;
- n) abide by all enactments on environmental protection and rules made there under, regulations, notifications and by-laws of the State or Central Government, or local authorities;
- o) be responsible for the safety of all activities on the Site.

## **10. Variations / Extra Items**

The works shall be executed by the second party in accordance with the approved drawings and specifications. No variation in cost is acceptable. However, if the Engineer issues instructions for execution of extra items, the following procedure shall be followed:-

- a) The second party shall provide the Engineer with a quotation for carrying out the extra items when requested to do so by the Engineer. The Engineer shall assess the quotation, which shall be given within seven days of the request before the extra items are ordered.

- b) If the quotation given by the second party is unreasonable, the Engineer may order the extra items and make a change to the Contract Price which shall be based on Engineer's own forecast of the effects of the extra items on the Contractor's costs.
- c) The second party shall not be entitled to additional payment for costs, which could have been avoided by giving early warning.

#### **11. Securities**

The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank acceptable to the Employer. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee.

#### **12. Termination**

The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the contractor stops work for 28 days and the stoppage has not been authorized by the Engineer;
- (b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (d) the Contractor does not maintain a security which is required;
- (e) the Contractor has engaged in Fraud and Corruption as defined in Section C, in competing for or in executing the Contract; and
- (f) the contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid

Notwithstanding the above, the Employer may terminate the Contract for convenience.

If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

#### **13. Payment upon Termination**

If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done less advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

If the Contract is terminated at the Employer's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

#### **14. Dispute settlement**

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator not below the level of retired Chief Engineer / Superintending Engineer, (not connected in part or whole with this Project in his service) to be appointed by the first party. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties.

**15. Fraud and Corruption**

The World Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section C. In further pursuance of this policy, the Contractor shall permit and shall cause its sub-contractors, sub-consultants, service providers, suppliers, agents' personnel, to permit the Bank to inspect all accounts, records, and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

**Annexure I**

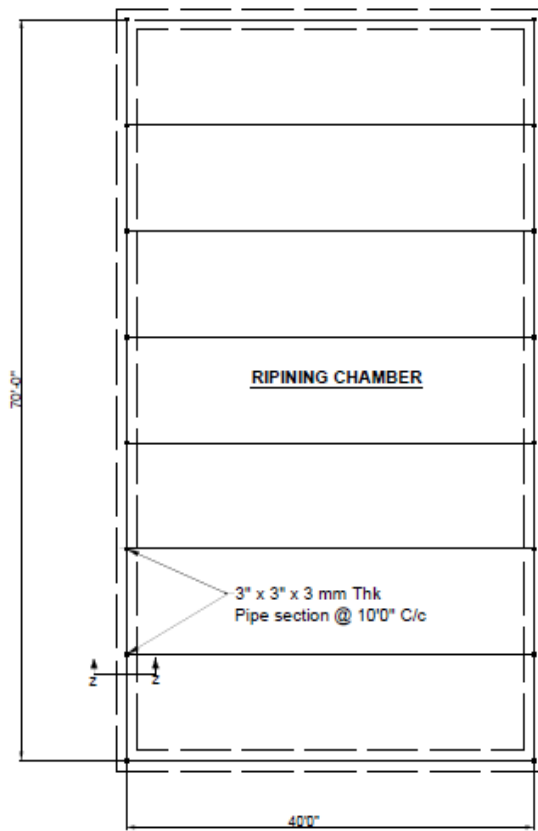
**Format of certificate**

Certified that the works up to ----- level in respect of construction of ----- at ----- have been executed in accordance with the approved drawings and technical specifications.

Signature  
Name & Designation  
(Official address)

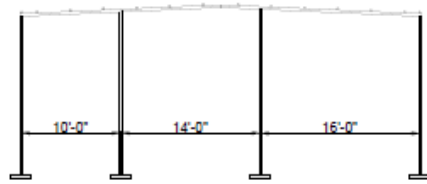
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Date:

Office seal



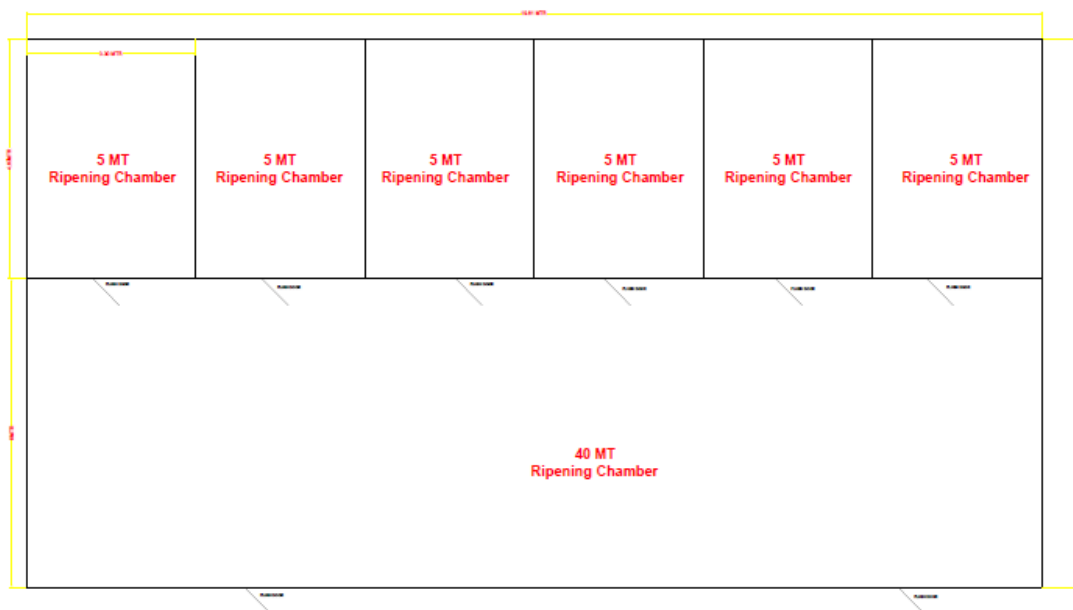
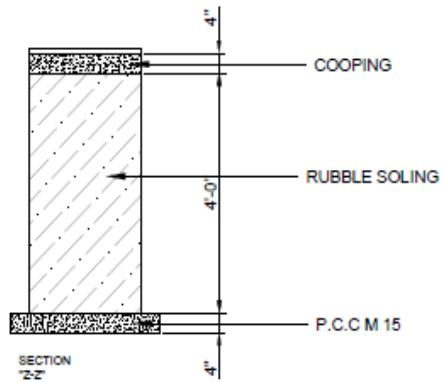
**STRUCTURE WORK QUANTITIES**

- MAIN COLOUMNS = 3" X 3" X 3MM THK = 18 NOS X 15' HT
- MAIN TRUSS = 3" X 3" X 3MM THK = 7 NOS X 40'4" LEN
- FURLINES = 2" X 2" X 2.5 MM THK = 14 NOS X 7'4" LEN



**CIVIL WORK QUANTITIES**

- EXCAVATION = 2448 Cft = 70.0 Cum
- PCC BELOW WALL = 182 Cft = 5.50 Cum
- RUBBLE MASONARY = 2176 Cft = 62.0 Cum
- COOPING = 136 Cft = 4.00 Cum
- PCC FLOOR = 700 Cft = 20.0 Cum
- KOTA FLOORING = 2800 Sqft = 261.0 Sqm



60MM PUF PANEL (BOTH SIDE)  
PPGI,0.5MM )WITH RIB  
( CAMLOCK)

HEIGHT=4MTR FOR ALL  
CHAMBERS