

TENDER DOCUMENT NO. 1 (2024-25)

FOR SUPPLY OF

**EQUIPMENT FOR FOOD PROCESSING UNDER THE PROJECT
FOSTERING SDG No. 9**

FOR

**MIZORAM SCIENCE, TECHNOLOGY & INNOVATION COUNCIL (MISTIC)
GOVERNMENT OF MIZORAM**

No. B. 13017/15/2023-MISTIC
MIZORAM SCIENCE, TECHNOLOGY & INNOVATION COUNCIL
GOVERNMENT OF MIZORAM
MIZORAM NEW CAPITAL COMPLEX, KHATLA, AIZAWL-796001
e-mail: mistic.dst@gmail.com Website: <https://mistic.mizoram.gov.in>.

PART – I

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|---|---|
| 1. Name of Authority Inviting Tender | Member Secretary,
Mizoram Science, Technology & Innovation
Council (MISTIC) |
| 2. Name of work | Supply of Equipment for Food Processing under
the project Fostering SDG No. 9 |
| 3. Completion period | 70 (Seventy) days from the date of issue of supply
order |
| 4. Deadline for receiving bids | 30.08.2024 up to (12:00 noon) |
| 5. Date, Time & Place for opening of Bids | 30.08.2024 at 2:00 pm in the Office Chamber of
Member Secretary, MISTIC |
| 6. Earnest Money | 2% of the total bid value |
| 7. Bid Validity | 90 (Ninety) days from opening of
Technical Bids |

PART – II

TENDER NOTICE (No. 1 of 2024-25)

Sealed tender in two envelope system is invited from reputed companies or authorized dealers/distributors/suppliers for supply and installation of food processing equipment under the project Fostering SDG No. 9. Details can be obtained from MISTIC Office, MINECO, Khatla, Aizawl on any working day from 09.08.2024 during office hours and website <https://mistic.mizoram.gov.in> and <https://tender.mizoram.gov.in>. Last date of submission of bid is 30.8.2024 (12:00 noon) and will be opened on the same day at 2:00 pm at the office of the undersigned.

Date: 09.08.2024

Sd/-
(H. LALSAWMLIANA)
Member Secretary
Mizoram Science, Technology & Innovation Council

PART – III : INSTRUCTIONS TO BIDDERS (ITB)

1. General instructions:

- (a) Sealed tenders in two envelope system (Technical bid and Financial Bid) are invited for supply of equipment for the project “Fostering SDG No. 9” being executed by Mizoram Science, Technology & Innovation Council (MISTIC).
- (b) Separate tenders should be submitted for the following components:-
 - (i) Equipment for Lungleng-I
 - (ii) Machineries for Sialhawk.
- (c) The firms fulfilling the prescribed eligibility criteria may submit their bids, complete in all respect and in the manner prescribed in these ITB to MISTIC by **12:00 noon of 30.08.2024**.
- (d) A bidder must be the owner/manufacturer of a reliable company or its authorized dealers/distributors/suppliers dealing with the items for which bid is submitted. Preference may be given to manufacturer (OEM).
- (e) Bids which do not fulfil all the criteria prescribed in the ITB shall be rejected summarily.
- (f) All documents relating to the bid shall be in English.
- (g) The bid documents are not transferable and the seal and signature of the authorized official of the firm must appear on all the papers and envelopes submitted.

2. Submission of Bids:

(i) Equipment for Lungleng-I : Eligible bidders should submit bid(s) for all or any item listed in Annexure-I (PART-A) which contains detailed specifications and estimated quantities.

(ii) Machineries for Sialhawk : Eligible bidders should submit bid(s) for all the items listed in Annexure-I (PART-B) which contains detailed specifications and estimated quantities. Bids in part (selected items) will not be entertained and should be submitted as a single package.

A. Sealed Envelopes

- (a) Tender should be submitted in two bids i.e. technical bid and financial bid and must be kept separately in two sealed envelopes specifically mentioning ‘technical bid’ and ‘financial bid’ on the cover of the envelopes.
- (b) The above two sealed bids must be kept inside one big outer sealed envelope before submitting it.
- (c) The outer envelope should be superscripted as “TENDER FOR SUPPLY OF EQUIPMENT UNDER THE PROJECT - FOSTERING SDG No. 9” and depending on the component either ‘Equipment for Lungleng-I’ or ‘Machineries for Sialhawk’ should also be written.
- (d) It should be addressed to ‘Member Secretary, Mizoram Science, Technology & Innovation Council, Government of Mizoram, Aizawl’. It should also have the full postal address and contact number of the bidder.

B. Documents to submit

- (a) All bids should be submitted in the format prescribed in Part IV (Form of Bid) and Part V (Bill of Quantities) of the Tender Document.
- (b) The total rates quoted in the Financial/Price Bid should be as per details as below, and kept in the first page of the financial bid:-

Sl.No.	Particulars	Rate
I	Basic price (per unit)	
II	Packing, forwarding, transportation, transit insurance, loading & unloading, installation, etc.	
III	Taxes	

IV	Grand Total for the item at Sialhawk or Lungleng-I, Mizoram	
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- (c) Duly filled and signed Compliance (as per format at Annexure-II and Annexure-III must be submitted along with the technical bid)
- (d) The samples or brochures/catalogue should be submitted along with the tender.
- (e) Bids must be accompanied by Earnest Money of the amount specified in Clause 6 of the ITB.
- (f) All Bidders should submit copy of dealership/distributorship/supplier Certificate/Authorization letter.
- (g) The following criteria will be considered for evaluation of technical bid. Bidders are required to submit supporting documents.
 - Experience (year of incorporation)
 - Projects handled (track record, copies of purchase order, invoice of similar items supplied in the past 5 years)
 - Financial strength of the bidder (balance sheet, audited statement of account)
 - Original Equipment Manufacturer (GST registration)
 - Quality certification (ISO, etc.)

3. Detailed Specifications and estimated quantities:

List of items, detailed specifications and estimated quantities for which bids are invited are placed at Annexure-I (Part-A and Part-B).

4. Bid Price and Contract:

- (a) The contract shall commence from the date of issue of supply order and ends on the date of expiry of warranty period. It should be signed by the parties before the date of issue of supply order.
- (b) The rates and prices quoted by the bidder shall be fixed for one year and shall not be subject to adjustment.
- (c) All duties, taxes, royalties and other levies shall be payable by the bidder under the contract, or for any other cause, shall be included in the rates, prices, and total bid price submitted by the bidder.
- (d) All rates/prices quoted should be FOR – Sialhawk, Khawzawl District, Mizoram, PIN – 796370 or Lungleng-I, Mizoram for their respective equipment.
- (e) Vendor is to ensure that quoted price is not more than the price quoted to any other customer in India, particularly to other Government Organization(s) since the past one year.

5. Warranty

- (a) Warranty for the equipment should be at least one year and should commence immediately upon the satisfactory commissioning. The equipment should be maintained / repaired /replaced free of charge by the supplier during its warranty period.
- (b) After warranty period is over, Annual Maintenance Contract (AMC) or Paid maintenance may commence. Supplier should not deny nor avoid such AMC/paid maintenance.
- (c) The bidder shall warrant that the equipment will be new, unused and in accordance with the Contract documents and free from defects in material and workmanship.
- (d) At the end of the warranty period, the Contractor's liability ceases except for latent defects. For latent defects, the Contractor's liability shall remain till the end of 5 years from the date of completion of warranty period.

6. Earnest Money:

- (a) The bidder shall furnish, as part of the bid, Earnest Money of 2% of the bid value in the form

of Demand Draft of a Scheduled Bank guaranteed by the Reserve Bank of India and issued in favour of the Member Secretary, Mizoram Science, Technology & Innovation Council. The Demand Draft shall be payable at Aizawl and valid for at least 3 months.

- (b) The Earnest Money of unsuccessful bidders will be returned after validity of bid is over.
- (c) The Earnest Money of the successful bidder will be released when the bidder has signed the Contract Agreement and furnished the required Performance Security.
- (d) The Earnest Money Deposit shall be forfeited:-
 - (i) In case a bidder withdraws its bids after opening of Technical Bid and before the expiry of the validity period of the Bid.
 - (ii) If bidder fails to deposit performance security within specified period as per intimation/request from MISTIC.
 - (iii) If the bidder fails to execute the agreement within specified time as intimated/requested.

7. Amendment of Bidding Documents:

- (a) MISTIC may modify the bidding documents by issuing addenda before the deadline for submission of bids.
- (b) Any addendum thus issued shall be part of the bidding documents and shall be notified to all concerned.
- (c) To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, MISTIC shall extend the deadline for submission bids may be deemed necessary.

8. Format and Signing of Bids:

- (a) The Bidder shall submit one bid comprising of the documents.
- (b) All pages of the bid shall be signed by the bidder.
- (c) The bids shall contain no overwriting, alteration or addition, except those to comply with instructions issued by MISTIC, or as necessary to correct errors made by the bidders, in which case such corrections shall be made by scoring out the cancelled portion, writing the correction and initialing and dating it by the bidder.

9. Bid Opening:

- (a) The outer envelope and the inner envelope containing the Technical Bid of all Bids received within the stipulated time will be opened in the presence of the Bidders/Bidders' representatives who chose to attend at the time, date and place specified in Part-I.
- (b) The Bidders' names and such other details as MISTIC may consider appropriate, including availability of Earnest Money, documents enclosed and their validity shall be announced at the time of opening.
- (c) Evaluation of Bids with respect to Bid Security, Qualification information and other information shall be taken up immediately.
- (d) Minutes of the opening of Bid will be prepared and intimated to representatives of firms or bidders attending the bid opening.

10. Process to be Confidential:

Information relating to the examination, clarification, evaluation and comparison of Bids and recommendations for the award of a contract shall not be disclosed to the bidders or any other persons not officially concerned with such process until award to the successful bidder has been announced. Any attempt by a bidder to influence the Department's processing of bids or award decisions may result in the rejection of his Bid.

11. Clarification of Bids and Contacting the Department:

- (a) No Bidder shall contact MISTIC on any matter relating to its Bid from the time of the Bid

opening to the time the contract is awarded.

- (b) Any attempt by a Bidder to influence the Bid evaluation, Bid comparison or contract award decision may result in rejection of his/her Bid.

12. Examination of Bids and determination of Responsiveness:

- (a) During the detailed evaluation, MISTIC will determine whether each bid
 - (i) meets the eligibility criteria prescribed in the ITB
 - (ii) has been properly signed
 - (iii) is accompanied by the required securities, and
 - (iv) substantially responsive to the requirement of the Bidding Documents.
- (b) The responsiveness of the Bid will be further determined with respect to the remaining bid conditions, i.e., priced bill of quantities and technical specifications of the bid items.

13. Performance Security:

- (a) Successful bidder will have to deposit 5% of the total bid/contract value as performance security in the form of Bank Guarantee/Demand Draft/Banker's Cheque in favour of Member Secretary, Mizoram Science, Technology & Innovation Council, payable at Aizawl before award of the work. The performance security should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.
- (b) Performance security should be deposited within 15 days from the date of issue of letter of acceptance.
- (c) The performance security deposit shall be forfeited in case any terms and conditions of the contract/agreement, etc. are infringed or the bidder fails to complete the supply in time.
- (d) Failure of submission of performance security and signed contract document within the stipulated time will result in cancellation of contract award.

14. Delivery:

- (a) Time limit for delivery shall be maximum within 12 weeks from the date of issue of the purchase order.
- (b) All aspects of safe delivery shall be the exclusive responsibility of the vendor. The package will be opened at the destination site i.e. Sialhawk only in the presence of MISTIC user/representative and vendor's representative. The intact condition of the package and the seal/indicators for not being tampered with, shall form the basis for certifying the receipt in good condition.
- (c) Acceptance of part delivery shall be a prerogative of MISTIC.

15. Payment Term:

Payment shall be made only after satisfactory completion of the supply, installation, demonstration and training, and submission of bills. MISTIC reserves the right to adopt its own methods to certify the satisfactoriness of compliance of the contract agreement before payment is made. Further, as this is a North Eastern Council (NEC) funded project, payment will be made after availability of fund from the NEC.

16. Force Majeure:

If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:

- (i) Any law, statute or ordinance, order action or regulations of the Government of India.
- (ii) Any kind of natural disaster, and

- (iii) Strikes, acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

17. Applicable Law:

- (a) The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Aizawl only.
- (b) Any dispute arising out of this purchase shall be referred to Member Secretary, MISTIC and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Member Secretary of the Council. The decision of such Arbitrator shall be final and binding on both the parties.

18. After Sales Service

- (a) Vendors should clearly state the address of available nearest after sales service facilities in the region or state how after sales service is to be done, without which their offers will be rejected. Preference may be given to bidder offering minimum service response and corresponding execution time for complaints submitted.
- (b) Bidders should specify the minimum response time for rendering their after sales services in the format given in Part VII of this ITB (i.e. Provision of After Sales Service)

19. Other Terms & Conditions:

- a) Mizoram Science, Technology & Innovation Council (MISTIC) reserves the right to postpone or cancel the bid, and the bidders will have to abide by such decision to postpone or cancel the bid process.
- b) The contract shall include supply, installation, demonstration and training of the equipment.
- c) Tender may be submitted on the printed letter head of the bidder in the prescribed format supplied with ITB.
- d) Late and delayed tender will not be considered. In case any unscheduled holiday occurs on the prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.
- e) No enquiry from the bidder(s) shall be entertained during the course of evaluation during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative may make enquiries/seek clarification from the bidders. In such a case, the bidder must extend full co-operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period of notice.
- f) No payment will be made for any damaged goods supplied.
- g) Liquidated damages provisions for damages shall be included in conditions of the contract when delays in delivery of goods, completion of work or failure of the goods or works to meet performance requirements would result in extra cost or loss of revenue or loss of other benefits to the Department.
- h) Bidders who not meet the criteria of this documents are subject to be disqualified, if they have made untrue or false representation in the forms, statements and attachments submitted in proof of the qualification requirements or have a record of poor performance, not properly completing the contract, inordinate delays in completion or financial failure, etc.
- i) All the terms and conditions mentioned herein must be strictly adhered to by all the bidders. Conditional tenders shall not be accepted on any ground and shall be rejected straightaway. Conditions mentioned in the tender bid submitted by bidders will not be binding on MISTIC.
- j) In case of supply within Mizoram, Tax deduction at source, as per Order/Notification of the Govt. of Mizoram will be applicable.

- k) The acceptance of the quotation will rest solely with the Member Secretary, MISTIC who in the interest of MISTIC is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reasons.

Sd/-
(H. LALSAWMLIANA)
Member Secretary
Mizoram Science, Technology & Innovation Council

PART-IV
Form of Bid
(In Firm/Company Letter Head)

Date : _____

To

The Member Secretary
Mizoram Science, Technology & Innovation Council
MINECO, Khatla
Aizawl, Mizoram

Subject: Tender for Supply of Equipment under Fostering SDG No. 9 project

Sir,

I/We offer to execute the works described above and remedy any defects therein, and carry out the conditions of contract for total bid price Rs. _____ (in figures) Rupees _____ (in words)

We undertake to commence the works/supply on receiving work/supply order in accordance with the contract documents. This Bid 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 Bid you receive.

Authorized Signature: _____
Name and Title of Signatory: _____
Name of Bidder: _____
Address: _____

Note : The Bidder shall fill in and submit this Bid form with the Bid

PART-V
FORM OF BILL OF QUANTITIES
(To be enclosed in Financial Bid)

(Rates quoted are inclusive of all duties, taxes, royalties and other levies payable)

Sl.No	Items	Rate in Rs.	Rate in Word	Remarks
1	2	3	4	5
	Grand Total			

PART-VI
LETTER OF AWARD

Date: _____

To,

Name of Contractor
Address of Contractor

Sub: Notice of Award

Sir,

This is to notify you that Mizoram Science, Technology & Innovation Council has accepted your Bid dated _____ for supply of the following items for the quoted price of Rs. _____ (Rupees _____) only:-

(List of items with quantities and rates)

You are hereby requested to furnish Performance Security cited in Clause 13(a) of ITB for an amount of Rs. _____ (Rupees _____) within 15 days of the receipt of this letter of award and sign the contract (enclosed), failing which, action as stated in Clause 13 (d) of ITB will be taken.

Yours faithfully

Authorized Signature : _____
Name & title of signatory: _____

PART-VII
(In Letter Head of Firm/Company)

PROVISION OF AFTER SALES SERVICE

Date: _____

To,
Member Secretary
Mizoram Science, Technology & Innovation Council

Subj: Provision of after Sales Service

We promise to deliver state-of-the-art after-sales service with prompt response and/or physical servicing after receiving complaint from the buyer of our items. Our time-frame for delivering such service will be as follows:-

- 1) Response to complaint (letter/email/phone/whatsapp, etc.): Within _____
hour/day/week
- 2) Rendering of physical service at site after complaint: Within _____
hour/day/week

Yours faithfully

Authorized Signature: _____
Name and Title of Signatory: _____
Name of Company with seal: _____
Address: _____

ANNEXURE-I
DETAILED SPECIFICATIONS AND ESTIMATED QUANTITIES OF EQUIPMENT

PART-A (EQUIPMENT FOR LUNGLENG-I)

S. No	EQUIPMENT	Qty	SPECIFICATION
1.	Diesel Engine Driven Sugarcane Crusher (Juicer)	20	<ul style="list-style-type: none"> • 7-10 Hp Diesel Engine • Air Cooled, 1500 RPM • 3 nos. Vertical Roller • Cane Crushing Capacity – 400-450Kgs/Hr or 250-300 LPH • Extraction – 60% • Double Shaft Gear Assemble
2.	Irrigation materials (pipes & water storage)		
	a) 16 mm pipe (In roll)	80	<ul style="list-style-type: none"> • 16 mm pipe • Material: HDPE • Wall thickness: 2 mm • Length: 500 Meter/Roll
	b) 25 mm pipe (in roll)	40	<ul style="list-style-type: none"> • 25 mm pipe • Material: HDPE • Wall thickness: 2 mm • Length: 500 Meter/Roll
	c) 1500 L plastic water tank	80	<ul style="list-style-type: none"> • 1500 L capacity
	d) 5000 L plastic water tank	20	<ul style="list-style-type: none"> • 5000 L capacity
3.	Gur Boiling Pan	40	<ul style="list-style-type: none"> • Gur Boiling Pan made up of M.S Sheet of 2 mm thick by welding and fixing four (4) handles at equal distance on the rim • Bottom Dia: 1.22 m • Rim Dia: 1.52 m • Height: 0.18 m
4.	Packing Machine	15	<ul style="list-style-type: none"> • Capacity: 350 trays/hr • Semi-automatic • Seal material: Polypropylene • Packaging type: Box (rectangular)
5.	Packing materials		
	a) 500 ml rectangular container	100000	<ul style="list-style-type: none"> • Capacity: 500 ml • Material: PET
	b) 1000 ml rectangular container	100000	<ul style="list-style-type: none"> • Capacity: 1000 ml • Material: PET
	c) Laminated PP Poly Rolls	1000	<ul style="list-style-type: none"> • Material: Polypropylene • Laminated

			<ul style="list-style-type: none"> • Transparent • Thickness: 0.2 mm • 30 m Roll
6.	Stainless Steel Moulding Materials		
	a) 5 gm steel jaggery mould	60	<ul style="list-style-type: none"> • 5 g size mould • Material: SS 304 • Frame Size – 560 mm x 362 mm approx • Total moulds in a frame – 360 pcs approx
	b) 10 gm steel jaggery mould	60	<ul style="list-style-type: none"> • 10 g size mould • Material: SS 304 • Frame size – 597 mm x 559 mm approx • Total moulds in frame – 342 pcs approx
7.	Stainless steel spoon/scrapper	160	<ul style="list-style-type: none"> • Stainless steel tip: 3 inch • Arm: 1 ft • Full length: 5 ft • Thickness: 3-4 mm • Wooden handle

PART-B (MACHINERIES FOR SIALHAWK)

S.NO	EQUIPMENT	Qty	SPECIFICATIONS
1.	Fruit Mill/Crusher	1 No	<ul style="list-style-type: none"> • Capacity 200 Kgs/hour • Mounted on a M.S. stand with 3HP/3PHmotor. • All contact parts made of stainless steel (AISI 304). • With Loading Hopper. • Crushing with Blades SS 304. • No breakage of seeds. • Accessories different size mesh- 2 Nos.
2.	Pineapple coring & peeling machine	1 No	<ul style="list-style-type: none"> • Die size of 75mm,85mm,95mm,100 mm • Capacity 200kg/hr. approx. • Pneumatically pressed. • Peeling with blades. • Mechanical driven.
3.	Fruit & vegetable washing machine	1 No	<ul style="list-style-type: none"> • Made of SS 304 sheet with all standard blowers geared motors and food grade belt. • Total electrical load 2.5 HP • Water holding capacity 500 ltr • Water filtration and recirculation system • Variable speed drive • Capacity – 200 Kg/Hr.
SECTION A – SUGAR SYRUP PREPARATION			
4.	Sugar Syrup Preparation Tank	1 No	<ul style="list-style-type: none"> • Capacity 500 liters • SS 304, Vertical conical Tank with heating jacket 2mm thick SS304 with agitator
5.	PS-Filter Press	1 No	<ul style="list-style-type: none"> • Capacity 200 liters/hour • Material: SS 304 • Plate & frame type filter press complete with precoat tank and transfer pump filter press used for crystal clear filtration. • Provided with bypass system & safety valve. Complete Stainless-Steel stand with fiber wheels and SS cover, equipped with 1hp/3ph motor and pump.
6.	PHE: For heat transfer.	1 No	Capacity 200 liters/hour

SECTION B – BLENDING, HOMOGENIZATION

7.	Blending tank	1 No	<ul style="list-style-type: none">• Capacity 500 liters• SS 304 vertical conical tank with agitator, 70 rpm.• SS 304 Leg mounted
8.	Transfer pump to homogenizer	1 No	<ul style="list-style-type: none">• Capacity 200 LPH• Centrifugal pump with product contact parts in SS 304• SS 304 Trolley mounted
9.	Homogenizer	1 No	<ul style="list-style-type: none">• High Pressure Homogenizer- 200 LPH• Capacity: 200 LPH• Design pressure: 200 kg/cm²• Working pressure: 175 kg/cm²• Plunger Dia: 16 mm• No. of plunger: 3 Nos.• MOC of plunger: AISI 304• Homogenizer speed: 265 stroke per minute• Electric drive motor: 2HP Squirrel Cage induction motor at 960 RPM• Drive mechanism: Direct belt drive• Pressure Gauge: Flat diaphragm type (0-400 kg/cm²)• MOC of All Food Grade Contact Surfaces: AISI 304 (S.S)
10.	Storage Tank	1 No	<ul style="list-style-type: none">• Capacity 500 liter• SS 304 vertical cylindroconical tank with agitator, 30 rpm• SS 304 adjustable Leg mounted.

SECTION C – PASTEURIZER 200 LPH

11.	Juice Pasteurizer	1 No	<ul style="list-style-type: none">• Capacity 200 LPH• Shell and tube type contact parts are made of stainless-steel SS 304• Mounted on S.S. frame with coils for maximum utilization of heat for juices and pulps.• Complete with pressure gauge, safety valve, complete with feed pump.
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12.	Filling Tank	1 No	<ul style="list-style-type: none"> • Capacity 500 liter • SS 304 vertical insulated conical tank with agitator of 30 rpm
13.	Rotary Bottle Washer	1 No	<ul style="list-style-type: none"> • Capacity 24 BPM • Specially designed to wash glass bottles from inside and outside with drying
14.	Filler	1 No	<ul style="list-style-type: none"> • Six head Vacuum filler fitted with 1HP motor, gearbox, vacuum by RO water • Can fill two PET/HDPE/GLASS bottles and cans. • Filling range 200-1000ml
15.	RO Cap Sealer	1 No	<ul style="list-style-type: none"> • Heavy duty, specially designed to seal plastic caps on plastic bottles. • Equipped with ½ hp motor. • With redraw, Semi-automatic

SECTION D - UTILITIES

16.	Steam Boiler	1 No	<ul style="list-style-type: none"> • Capacity 200 kgs/hour • Fully automatic NON IBR straight tube Steam boiler fitted in a shell, with fully automatic water feed system (pump and motor), fully automatic diesel firing system with standard steam boiler accessories, ready to start with full safety devices (with chimney) (diesel/LDO fired). • Complete with an electric panel with full safety devices such as automatic pressure cut & start switches, digital temperature controller switch, automatic water feed system with electric motor, gear oil pump with motor and air blower also with a motor, pressure gauge, safety valves, internal pipe lining and electrical fittings – with a very efficient oil burner for a very long-life span and trouble-free service.
17.	Cooling Tower	1 No	<ul style="list-style-type: none"> • Cooling Tower with Water flow required approx 2500 To 3500 LPH @ Inlet 32C • Openable PHE will be of multi bolt tightening type design to be operated manually with SS ball feet arrangement

18.	Primary Fermentation Tank	4 Nos	<p>Made of stainless-steel SS-304, jacketed vertical tank for fermentation of fruit juice. The tank consists of:</p> <ul style="list-style-type: none"> • SS-304 main shell cylindrical with flat bottom with screen & optimum discharge with decanter • SS-304 removable type lid 1.5” bottom connection with suitable valve • 4 Nos. supporting legs with bottom mounting plate • Shell of 2.5 mm SS 304 sheet • Capacity 5000 ltrs water holding • Propeller/Agitator
19.	Secondary Fermentation Tank	5 Nos	<p>Made of stainless-steel SS-304, jacketed vertical tank for fermentation of fruit juice. The tank consists of:</p> <ul style="list-style-type: none"> • SS-304 main shell cylindrical with conical bottom • SS-304 removable type lid 1.5” bottom connection with suitable valve • 4 Nos. supporting legs with bottom mounting plate • Shell of 2.5 mm SS 304 sheet • Capacity 5000 ltrs water holding • Propeller/Agitator
20.	Reverse Osmosis (RO) Plant	1 No	<ul style="list-style-type: none"> • Water Storage Capacity 500 liter • Motor 5 kw • Filter Cartridges: 4
21.	Clean-in-place (CIP) System	1 No	<ul style="list-style-type: none"> • Capacity 200 Liter • MOC SS 304 • Thickness 2.5 MM • The tank should be with SS LEGS • SS 304 trolley mounted
SECTION E – JAM PROCESSING			
22.	Pulper	1 No	<ul style="list-style-type: none"> • Capacity 200 kgs/hour • All contact parts made of stainless steel AIAI-304. • Mounted on S.S frame duly fitted with 1HP/3ph motor. • One sieve and one set of canvas impeller

23.	Steam Jacketed Kettle	1 No	<ul style="list-style-type: none"> • Mounted on a mild steel stand with tilting arrangement • Jacket and pan made of 10/12swg stainless steel • Complete with pressure gauge, safety valve, steam trap • The kettles should be double jacketed for maximum steam utilization and efficiency • Kettles Tilting Type: 50 Gallons (225litres.)
24.	Double Head Volumetric Filler	1 No	<ul style="list-style-type: none"> • Made of SS, confirm to GMP standard. • The weight range is easily adjustable by turning of a toggle lever • Easy to dismantle and install, easy to wash. • Filling range: 200-1000 ml. • Capacity: 20-25 fills per minute depending on operator
25.	Lug Cap Sealing Machine	1 No	<ul style="list-style-type: none"> • Pneumatic operated, equipped with pneumatic cylinder, which provides constant pressure on the cap and then with gentle twist of handle the cap gets sealed
26.	Air Compressor	1 No	<ul style="list-style-type: none"> • 2 HP

ANNEXURE-II
COMPLIANCE CERTIFICATE FOR MISTIC TERMS
(To be enclosed in the Technical Bid)

Sl. No.	MISTIC Terms & Conditions	Yes/No
1	Rate quoted as per instruction	
2	Validity of quoted rate for 1 year agreed	
3	EMD submitted	
4	PBG term agreed	
5	Payment term agreed	
6	Delivery terms agreed	
7	Warranty period agreed	
8	Printed Literature provided	
9	Address and provisions of the after sales service in India/region provided	
10	Applicable law terms agreed	

(Signature with seal) _____

Vendor: M/S _____

Date : _____

ANNEXURE-III
COMPLIANCE CERTIFICATE FOR
DETAILED SPECIFICATIONS
(To be enclosed in the Technical Bid)

Name of Equipment	Quoted Item Detailed Specifications	Complied (Yes/No)

(Signature with seal) _____

Vendor: M/S _____

Date : _____

**Vendor must quote the parameter specification of the quoted product in this column in conformity with the specification listed in annexure. However, they should not just copy the specification from the tender call document. Failure to do so will lead to rejection of the tender.*