



**Tender Document (Post PBC)  
For  
Supply and Installation of Edible Spoon /Forks  
Processing Unit**

**CSIR-Central Food Technological Research Institute**

**Mysore- 570 020, Karnataka-India**

**Tel #: 00 91 821 2515440/5447**

**Email: [cosp@cftri.res.in](mailto:cosp@cftri.res.in)/spo@cftri.res.in/sosp@cftri.res.in**

**Website: [www.cftri.res.in](http://www.cftri.res.in)**



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**Invitation for e-Bids / Notice Inviting e-Tender**

CSIR- Central Food Technological Research Institute, Mysore, India is one of the premier institute under the aegis of Council of Scientific and Industrial Research, an autonomous body of Department of Scientific and Industrial Research (Government of India), New Delhi. CSIR-CFTRI is a Science and Knowledge based Research & Development (R&D) Organization. It is internationally known for its excellence in Scientific Research in Food Science & Technology.

The Director, CSIR-CFTRI invites e-bids from the Manufacturers and their authorized Indian agent if any, for the procurement of the following Goods for its day-to-day Research & Development (R&D). The Technical specifications, allied requirements and scope of supply are given in Chapter 4 appended here with.

Sr. No.	Tender No.	Brief Description of item(s)	Quantity	Type of Bid	Mode of Procurement
1	CFTRI/74257/24-25	Edible Spoon/Forks Processing Unit	1 Nos	Single Stage Two Bid	Open Tender

1. E-Bids are invited through electronic tendering process and the Tender Document can be downloaded from [gem.gov.in](http://gem.gov.in) the e-Tender GeM portal of Government of India, . The submission of Bids shall be only through the e-Tender portal [gem.gov.in](http://gem.gov.in). Bids will not be accepted in any other form.

2. Interested Bidders may obtain further information from the office of:

Controller of Stores & Purchase  
 Central Food Technological Research Institute  
 Mysore- 570 020, Karnataka-India  
 Tel #: 00 91 821 2515440/5447  
 Email: [cosp@cftri.res.in](mailto:cosp@cftri.res.in)  
 Website: [www.cftri.res.in](http://www.cftri.res.in)

3. The prospective bidders should adhere to the deadlines specified in Tender document corresponding to this Tender on e-Tender portal [GeM.gov.in](http://GeM.gov.in).

4. (a) A Pre-Bid Conference (PBC) will be held as mentioned below

	Date	Time in hours (IST)	Venue
Pre-Bid Conference	Pre Bid Conference was held on 31-Jan-2025 at 11.00am at CSIR-CFTRI, Mysore (By person/Online)		

Bidders desirous of attending Pre-bid meeting are required to provide the following details:-

1. Prospective Bidders Name & address
2. Name, designation & mobile number of the representative (s) attending the meeting.
3. E-mail ID to which the meeting invitation to be sent in case of online preference
4. Pre bid queries, if any.

The above information should be sent by e-mail to [cosp@cftri.res.in](mailto:cosp@cftri.res.in) / [spe@cftri.res.in](mailto:spe@cftri.res.in) / [sosp@cftri.res.in](mailto:sosp@cftri.res.in) on or before 2.00pm of 30-01-2025

(b) No Queries, suggestions or representation made after the PBC will be entertained. Changes incorporated to the bidding document subsequent to PBC shall be treated as amendment to the bidding document and has been hosted in the GEM Portal/CFTRI Website [www.cftri.res.in](http://www.cftri.res.in)

(c) The Prospective bidders are requested to take cognizance of the amendments if any, prior to submission of the bid which has been hosted on CSIR-CFTRI Website and the Portal before formulating and submitting the bids.

5. The Bid prepared by the Bidder shall include the following:

<b>Bid Security (BS) / Earnest Money Deposit (EMD)</b>	
a)	The amount of Bid Security/EMD shall be (a) In case of Indigenous Bidder: Rs.90,000 /- [Rs. Ninety Thousand Only]  The Bid Security/Earnest Money Deposit shall be deposited through Bank Guarantee/Demand Draft/Insurance Surety Bonds (ISB)/FDR issued by any scheduled bank in India drawn in favour of "The Director, CSIR-CFTRI, Mysore". The original Bid Security/EMD must be delivered to the address mentioned at Sl. No.2 above before closure of bid submission date and time as mentioned in "SL.NO -6 failing Which, the bid shall be summarily rejected.  For further details, please refer standard Tender document uploaded in CFTRI website
OR	
b)	Bid Security/EMD is <u>NIL</u> if the Bidder claims exemption as per provisions specified in the Tender document. The bidder may furnish/submit BID SECURING DECLARATION as per FORMAT specified in Chapter-8, Annexure-B in lieu of EMD/Bid Security The Bid Security Declaration in the name of "The Director, CSIR-Central Food Research Institute, Mysore" to be part of the Technical Bid, without which the bid shall be rejected.
c)	<a href="#">For further details on the above, refer Tender document uploaded on our website</a>
d)	Forms as specified in Chapter No.8

6. The Schedule for Submission of e-Bids and Opening of e-Bids is as follows:

<b>Last Date &amp; Time of Submission of e-Bid</b>		<b>Date and Time of Opening of e-Bid</b>	
Date	Time (IST)	Date	Time (IST)
<b>21-02-2025</b>	<b>15:00 Hrs</b>	<b>21-02-2025</b>	<b>15:30 Hrs</b>

7. (a) In case of the Indian agents quoting in offshore procurement, on behalf of their principal manufacturers abroad, One agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/ dealer. There Must be only one bid from the following:

i)	The Principal manufacturer directly or through one Indian agent on their behalf; and
ii)	Indian/foreign agent on behalf of only one principal.

(b) Foreign Bidders must disclose the name and address of Indian agent and representative in India and Indian bidder must disclose their foreign principal or associates.

(c) If bidder is Indian Agent of Foreign Principal, the following instruction shall be complied and as amended from time to time as on the date of issue of Tender:

i)	The Bidder shall comply with restrictions under Rule 144(xi) of the GFR 2017 related to restrictions on participation of Foreign Bidders and their Authorised Indian Agent/Dealer in terms of Order No.P-45021/112/2020-PP(BE-II) (E-43780) dated 24-Aug-2020 of the Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, as amended from time to time as on the date of issue of Order.
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8. A. CSIR-CFTRI is a Public Funded Research Institute under Department of Scientific & Industrial Research, Government of India and concessional Custom duty applicable is either Nil or 5.15% for the goods purchased for Research purpose vide Government of India Notification No.51/96–Customs dated 23-July-1996, as amended from time to time.
- B. CSIR-CFTRI is not eligible to issue any GST concessional rate certificate. GST @ prevailing rate is applicable. Hence, bidder may submit their bid accordingly.
9. The bids failing to comply the following clauses will be summarily rejected.
- (a) The bidders proposing to supply finished products directly/indirectly from Countries sharing the land border with India should submit copy of registration with Ministry of Home Affairs and Ministry of External Affairs.
- (b) If the products offered are not from Bidders of Countries sharing Land border with India, the Bidder should enclose a declaration
- (c) The debarment of a Bidder/Vendor in this tender, if any, is reciprocal of that Principal's Country, if it is Import.
10. Bidders are requested to refer CSIR-CFTRI website [www.cftri.res.in](http://www.cftri.res.in) for required forms and Other General Tender's Terms and Condition which are also an integral part of this tender. [Path: Home Page → Tender → Standard Tender Document (Scrolling Text)]
11. The Director, CSIR-CFTRI, Mysore India reserves the right to accept or reject any bid or accept all bids either in part or in full or to split the order, or to annul the bidding process without assigning any reasons thereof.

Sd/-  
Controller of Stores & Purchase  
For and on behalf of CSIR

### General Instructions to Bidders: -

01. For participation in GeM e-procurement, all bidders (including Foreign bidders) need to enroll themselves on the GeM Portal (<https://Gem.gov.in>). Only enrolled/registered bidders with the said portal shall be allowed to participate in the e-tendering process.
02. The Bidders should have at least Java 8 update 231 version-32 bit for uploading the bid in the GeM Portal.
03. CSIR-CFTRI neither operates nor manages the GeM Portal where online bids are submitted and therefore will not be responsible for any technical issues related to bid submission (viz., not being able to upload bid, blank/missing/part documents etc.). If bid is incomplete on account of these, it will be treated as such and evaluated further. For any technical queries/issues related to online bid submission, Bidders must directly approach support service of GeM Portal as per the details given on their website.

### INDEX

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## CHAPTER - 1

### INSTRUCTIONS TO BIDDERS

For details kindly refer Standard Tender Documents uploaded at CSIR-CFTRI website i.e. [www.cftri.res.in](http://www.cftri.res.in) →Tender

## CHAPTER 2

### CONDITIONS OF CONTRACT

#### A. GENERAL CONDITIONS OF CONTRACT (GCC)

Note: The General Conditions of Contract shall form the part of Purchase Order / Contract.

For details kindly refer Standard Tender Documents uploaded at CSIR-CFTRI website i.e. [www.cftri.res.in](http://www.cftri.res.in) →Tender

#### B. SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

Sl.No.	GCC Clause Ref	Condition
1	GCC 2.1.1(l)	The Purchaser is: The Director CSIR-Central Food Technological Research Institute Mysore- 570 020, Karnataka-India Tel #: 00 91 821 2515440/5447 Email: <a href="mailto:234568in">234568in</a> Website: <a href="http://www.cftri.res.in">www.cftri.res.in</a>
2	GCC 2.1.1(m)	The Final Destination is: CSIR-Central Food Technological Research Institute Mysore- 570 020, Karnataka-India Tel #: 00 91 821 2515440/5447 Email: <a href="mailto:cosp@cftri.res.in">cosp@cftri.res.in</a> Website: <a href="http://www.cftri.res.in">www.cftri.res.in</a>
3	GCC 2.13.1	Performance Security The amount of the Performance Bank Guarantee shall be 5% of the contract value in form of Bank Guarantee(BG) /Demand Draft/Insurance Surety Bonds (ISB)/FDR to be submitted effective from the date of final installation of equipment and its acceptance by end user valid up to 60 days after the date of completion of performance obligations including warranty.
4	GCC 2.16.3	Delivery - Mode of Transportation/Shipment
		a) The mode of transportation shall be by Road. By air in case of import
		b) DELIVERY TERM: FOR CSIR-CFTRI, Mysore
		c) Delivery period 16 weeks from the date of acceptance of Purchase Order

5	GCC 2.17.1	<p>Insurance</p> <p>The Insurance shall be for an amount equal to <b>110%</b> of the invoice value of the contract from “warehouse to warehouse (final destination)” on “all risk basis” including strikes, riots and civil commotion till completion of installation and commissioning.</p>										
6	GCC 2.21.3	<p>The period of validity of the Warranty for this tender shall be as below:</p> <p>Minimum 1 years from date of satisfactory, installation and acceptance of the equipment.</p>										
7	GCC 2.22.1	<p><b>Payment Terms</b></p> <p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <table border="1"> <tr> <td></td> <td>Payment for Goods and Services supplied from within India will be as per GeM portal terms and conditions</td> </tr> <tr> <td>(a)</td> <td> <p>I) 90% of the contract price shall be paid on Delivery of the Goods, Installation &amp; commissioning, Demonstration and satisfactory acceptance of the items &amp; upon submission of the documents specified in GCC/SCC and the acceptance certificate issued by the End User,</p> <p>II) balance 10% against completion of training and submission of Performance Security to cover warranty obligations + 2 additional months. Issued by any Scheduled Commercial bank in the form of BG/Demand Draft/Bankers’ Cheque/FDR.</p> <p style="text-align: center;">OR</p> </td> </tr> <tr> <td>(b)</td> <td> <p>100% through Inland Letter of Credit opened in favour of supplier through CSIR-CFTRI Bank (State Bank of India) as follow:</p> <p>100 percent (100%) of the Contract Price of the Goods shipped shall be paid through irrevocable letter of credit opened in favour of the Supplier, upon submission of documentary proof of supply, successful installation, commissioning and satisfactory acceptance by the end user as specified in GCC Clause 2.15 and upon submission of valid Performance Security.</p> </td> </tr> <tr> <td>(c)</td> <td>E-Payment: All payments, CSIR-CFTRI prefers to make Electronic Transfers (NEFT/RTGS) through scheduled bank</td> </tr> <tr> <td>(d)</td> <td>All payments due under the Contract shall be paid after deduction of statutory levies at source (like TDS, Income Tax, TCS etc.), wherever applicable.</td> </tr> </table>		Payment for Goods and Services supplied from within India will be as per GeM portal terms and conditions	(a)	<p>I) 90% of the contract price shall be paid on Delivery of the Goods, Installation &amp; commissioning, Demonstration and satisfactory acceptance of the items &amp; upon submission of the documents specified in GCC/SCC and the acceptance certificate issued by the End User,</p> <p>II) balance 10% against completion of training and submission of Performance Security to cover warranty obligations + 2 additional months. Issued by any Scheduled Commercial bank in the form of BG/Demand Draft/Bankers’ Cheque/FDR.</p> <p style="text-align: center;">OR</p>	(b)	<p>100% through Inland Letter of Credit opened in favour of supplier through CSIR-CFTRI Bank (State Bank of India) as follow:</p> <p>100 percent (100%) of the Contract Price of the Goods shipped shall be paid through irrevocable letter of credit opened in favour of the Supplier, upon submission of documentary proof of supply, successful installation, commissioning and satisfactory acceptance by the end user as specified in GCC Clause 2.15 and upon submission of valid Performance Security.</p>	(c)	E-Payment: All payments, CSIR-CFTRI prefers to make Electronic Transfers (NEFT/RTGS) through scheduled bank	(d)	All payments due under the Contract shall be paid after deduction of statutory levies at source (like TDS, Income Tax, TCS etc.), wherever applicable.
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8	GCC 2.27.1	<p><b>Liquidated Damages (LD)/Penalty</b></p> <table border="1"> <tr> <td>(a)</td> <td>As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to, otherwise will have to forfeit the EMD/PS and also LD clause will be applicable / enforced.</td> </tr> <tr> <td>(b)</td> <td>If the Supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay LD/penalty of 0.5% of order value per week of delay in supply/installation subject to maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the Supplier</td> </tr> <tr> <td>(c)</td> <td>CSIR-CFTRI reserves the right to cancel the Purchase Order in case the delay in supply is more than 10 weeks. Penalties, if any, will be deducted from the EMD/PS</td> </tr> <tr> <td>(d)</td> <td>The maximum amount of penalty shall be 10% of contract value</td> </tr> <tr> <td>(e)</td> <td>The LD/Penalty shall be levied on the delivered price of the delayed Goods or unperformed Services or Contract Value.</td> </tr> </table>	(a)	As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to, otherwise will have to forfeit the EMD/PS and also LD clause will be applicable / enforced.	(b)	If the Supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay LD/penalty of 0.5% of order value per week of delay in supply/installation subject to maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the Supplier	(c)	CSIR-CFTRI reserves the right to cancel the Purchase Order in case the delay in supply is more than 10 weeks. Penalties, if any, will be deducted from the EMD/PS	(d)	The maximum amount of penalty shall be 10% of contract value	(e)	The LD/Penalty shall be levied on the delivered price of the delayed Goods or unperformed Services or Contract Value.
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9	GCC 2.34.1	<p><b>Applicable Law / Jurisdiction</b></p> <p>The place of jurisdiction is Mysore, India.</p>										

10	GCC 2.35.1	<p>For notices, the Purchaser's address is The Director</p> <p>Attention: The Controller of Stores &amp; Purchase</p> <p>CSIR-Central Food Technological Research Institute Mysore- 570 020, Karnataka-India Tel #: 00 91 821 2515440/5447 Email: <a href="mailto:cosp@cftri.res.in">cosp@cftri.res.in</a></p>
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### CHAPTER 3

(To be filled by the bidder and enclosed with the Technical Bid)

#### SCHEDULE OF REQUIREMENT

The Schedule of Requirement must clearly specify the time frame required (Schedule) for delivery of goods and services to be completed by the bidder (in reference to Scope of Supply given in Clause-4.2 of Chapter-4) if the Contract is awarded for the offer / proposal submitted by the bidder in response to this Tender.

**A) Delivery Schedule:**

Sr. No.	Brief Description of Goods and Services	Quantity & Unit	Delivery Schedule
1	Edible Spoon/Forks Processing unit	1 No	

**B) Period of delivery shall start from** : \_\_\_\_\_

**C) Term of Delivery / Delivery Term (named port of shipment or named place of delivery:**

Goods from India FOR CFTRI Mysore	
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**D) Scope of Supply:**

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**E) Time frame required for conducting installation, commissioning of the equipment, acceptance test, training, etc. after the arrival of consignment or before dispatch of equipment:**

Sr. No.	Activity	Time Frame
1	Site Preparation (if required)	
2	Installation & Commissioning	
3	Acceptance Test	
4	Training (Location, No. of persons, period of training, nature of training)	
5		

Place : \_\_\_\_\_

Signature of the Bidder : \_\_\_\_\_

Date : \_\_\_\_\_

**Notes for Bidders:**

(1)	The delivery schedule shall clearly indicate the time period within which the successful bidder will deliver the consignment in full from the date of establishment of LC or from the date of acceptance of contract etc. It should also indicate separately the time period desired for installation and commissioning of the equipment after arrival of the consignment at the premises of the Purchaser.
(2)	The date or period for delivery should be carefully specified, taking into account the implications of delivery terms stipulated in the Instructions to Bidders pursuant to the Incoterms rules (i.e., CIP terms—that “delivery” takes place when goods are delivered to the carriers), and the date prescribed herein from which the delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit.

## Chapter 4

### Specifications and Allied Technical Details for Supply, Installation and Commissioning of Edible Spoon/Forks Processing Unit

4.1 End Use: Research and Development

4.2 Detailed Technical Specifications for Edible Spoon/Forks Processing Unit (Post PBC)

### EDIBLE SPOON / FORKS PROCESSING UNIT

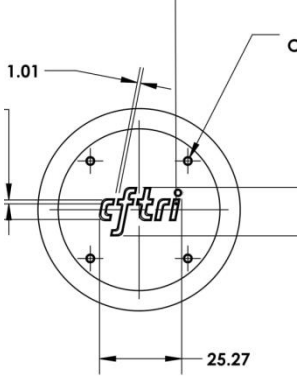
End Use: R&D

S/N	DESCRIPTION	SPECIFICATION
1	Extruder Line	<p>1.1. Dimension (L X W X H): 1000 x 400 x 1100 mm±100 or as per the production capacity of 150-200 spoons/hour or better, ensuring the dimensions align with the production capacity.</p> <p>1.2. Reduction Gear box Motor: 30:1/ 1HP or Suitable</p> <p>1.3. Speed Controller: VFD</p> <p>1.4. Sheet Thickness Range: 7 -10 mm±1.0</p> <p>1.5. Load Consumption: 0.75KW or Suitable</p> <p>1.6. Power: 3 phase</p> <p>1.7. Material: Food Graded Aluminium with Non-Stick Coating &amp; Stainless Steel should be covered with dough contact surface/ area.</p> <p>1.8 (This Extruder Line should process the Mainly atta, maida, various flours, Wheat milling by-products/waste, millet waste / by products-based dough)</p>
2	Blank Cutting Line	<p>2.1 Material: Food Graded Aluminium with Non-Stick Coating &amp; Stainless Steel should be covered with dough contact surface/ area.</p> <p>2.2 Belt / Conveyor: Roller BELT (Food grade)</p>

		<p>2.3 Reduction Gear box Motor: 20:1, 1HP or Suitable</p> <p>2.4 Speed Controller: VFD</p> <p>2.5 Sheet Thickens Range: 5 -7 mm±1.0</p> <p>2.6 The roller die (Spoon &amp; Fork) should be heavy-duty, durable, and equipped with a suitable plumber block bearing assembly, with plastic or aluminium die for cutting the profiles. It should be designed for easy removal and installation. Additionally, appropriate centering positions and fixtures should be clearly marked and provided on the die mounting set. In the future, different types of roller spoon sets (various sizes and shapes) should be compatible with the existing Blank Cutting Line, enabling seamless integration whenever required.</p> <p>2.7 Dimension (L X W X H): 1200 x 400 x 1000 mm±100 or as per the production capacity of 150-200 spoons/hour or better, ensuring the dimensions align with the production capacity.</p> <p>2.8 Load Consumption: 0.75KW or Suitable</p> <p>2.9 Power: 3 phase</p> <p>2.91 Material: Food Graded Aluminium with Non-Stick Coating &amp; Stainless Steel should be covered with dough contact surface/ area.</p> <p>2.92 (This Cutting Line should process the atta, maida, various flours, Wheat milling by-products/waste, millet waste / by products-based dough sheet)</p>
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		<p>2.93 After blank cutting, the excess material should be collected using a suitable conveyor or belt mechanism. The line should also include an appropriate tray.</p>
3	Pre-Baking Line	<p>3.1 Material: Food Graded Aluminium with Non-Stick Coating &amp; Stainless Steel should be covered with dough contact surface/ area.</p> <p>3.2 Dimension (L X W X H): 1500 x 400 x 1100 mm±100 or as per the production capacity of 150-200 spoons/hour or better, ensuring the dimensions align with the production capacity.</p> <p>3.3 Heater: 5KWA or Suitable</p> <p>3.4 Heating Method: heavy duty IR bulb / Heaters</p> <p>3.5 Number of Pre-Baking Zone: 02-03 with gradual rise of temperature.</p> <p>3.6 Speed Controller: VFD</p> <p>3.7 Suitable temperature cut-off switches should be fixed and the set/ live temperature values should be displayed.</p> <p>3.8 Belt / Conveyor: Suitable heat-resistant conveyor should be fixed.</p> <p>3.9 Reduction Gear box Motor: 20:1/ 1HP or Suitable</p> <p>(This Pre-Baking Line should process / adjust the temperature ranges depending upon the dough composition the Mainly atta, maida, various flours, Wheat milling by-products/waste, millet waste / by products -based dough).</p>

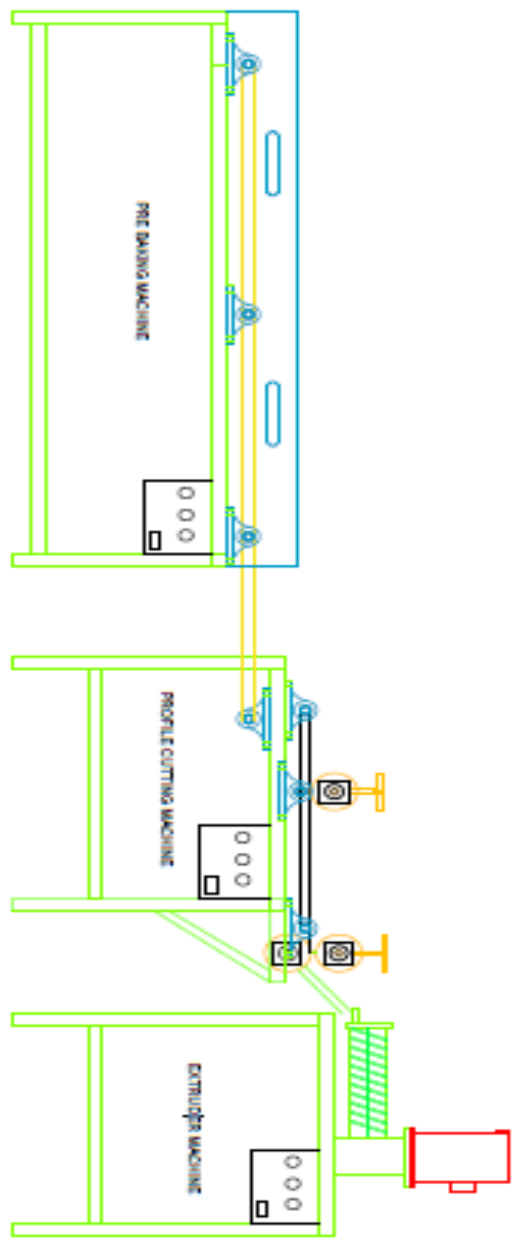
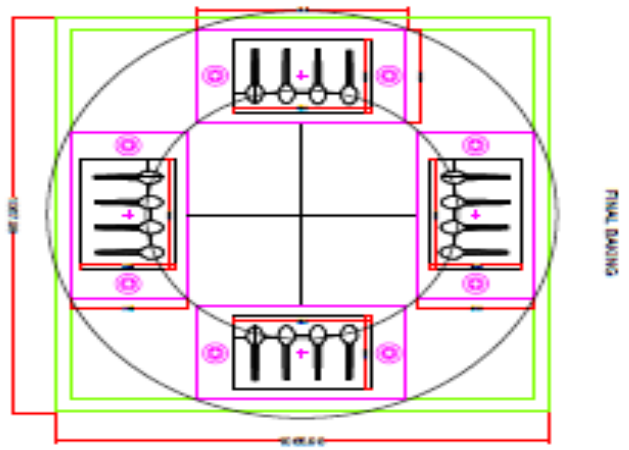
4	Final Baking Line	<p>4.1 Material: Food Graded Aluminium with Non-Stick Coating &amp; Stainless Steel should be covered with dough contact surface/ area.</p> <p>4.2 Heater: 12KWA or Suitable</p> <p>4.3 Dimension (L × W × H): 1150 × 1150 × 1800 mm ±100, or as per the production capacity of 150-200 spoons/hour or better, ensuring the dimensions align with the production capacity</p> <p>4.4 No of Die provision: 4, No of Spoon die:1-2, No of fork die: 1-2, Spoon/fork Size: should not exceed the 32* 150mm ±8</p> <p>4.5 No of Cavity Per Die: 3-4</p> <p>4.6 Baking Temperature Range: 180-250°C</p> <p>4.7 Production Capacity: 150-200 spoons/ hour or better</p> <p>4.8 Suitable locking mechanism should be provided in each die/ cavity using hydraulic or pneumatic system.</p> <p>4.9 The die set should be designed for easy removal and installation. Additionally, appropriate centering positions and fixtures should be clearly marked and provided on the die mounting set. In the future, different types of spoon/ fork sets (various sizes and shapes) should be compatible with the existing final baking line, allowing for seamless integration whenever required.</p> <p>4.91 The heating coils should be fixed with proper thermal sleeve &amp; its connection should not projected</p>
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		<p>towards the spoon handling areas. Suitable electrical shock prevention system or ground fault circuit interrupters or similar mechanism should be fixed in this area.</p> <p>4.92 The letters 'CFTRI' to be engraved on top or bottom of the die, size of engraving should be similar to the component size as given below</p> 
5	Accessories	<p>5.1 Suitable Pneumatic or Hydraulic system.</p> <p>5.2 Dough Mixer: 3-5 kg capacity or Better</p> <p>5.3 Digital weighing balance: Table Top Counting Scale- Capacity: up to 10 KG or better</p> <p>5.4 Infrared Thermometer - 1 No</p>
6	Electrical / Electronic Control Systems	<p>6.1 Digital Programmable Controller</p> <p>6.2 Control Parameters: Temperature, Timer (Loading / locking/ unloading), Alarms, Indicators, Emergency push button,</p> <p>6.3 Proximity sensors for die start/stop</p> <p>6.4 Temperature sensors - RTD up to 300°C or better</p> <p>6.5 MCB: Required number of 63A / 16A</p>
7	Others	<p>The exposed areas of the panel board, machine line should be covered with 2mm, SS 304 sheet.</p>

		<p>The side faced space should be fitted with stainless steel and equipped with door pull handles.</p> <p>The electrical, sensor, should be properly tied or fixed with the equipment.</p> <p>Plummer block bearings support rotating shafts with a robust housing, versatile design, sealing options, and temperature resistance required.</p> <p>The machine frame should be fabricated using rigid MS plates /section &amp; 25mm/ 32mm MS square pipe.</p> <p>The Edible Spoon / Forks processing unit should be fastened properly to minimize vibration and noise.</p>
8	Spares	Suitable number of heaters, gloves, and any bolt/nut/washer, spanners, scoops, Temperature sensor, Allen key set should be supplied.
9	Training	The supplier shall provide on-site training with regular operation and maintenance of the instrument. The bill of materials and drawings for the die/mold, other parts should be submitted along with the manual, in either soft or hard copy.
10	Demonstration	Satisfactory demonstration & Trial run of Edible Spoon / Forks processing unit using our raw materials (Mainly Atta, Maida, Wheat milling by-products/waste, millet waste / by products) to be conducted at our site.
11	General Condition	The supplier must have sufficient expertise, experience, and capability in the previous installation of biodegradable/edible cutlery-making machines or units in Indian government institutions or research

		<p>organizations. The supplied machines should be capable of processing raw materials such as atta, maida, various flours, wheat milling by-products/waste, and millet waste/by-products. Supporting documents, including previous orders / installation reports, must be provided along with the technical specifications and quote. (This is essential cannot be overlooked)</p> <p>Pre-dispatch Inspection: The vendor shall send a pre-dispatch inspection call after the readiness of the Edible Spoon/Forks Processing Unit. Pre-dispatch inspection will be carried out by CSIR-CFTRI representative at supplier place.</p>
12	Warranty	<p>Minimum 1 year warranty for machine</p> <p>The vendor should ensure the availability of spares and accessories for the system when needed up to 10 Years.</p>
13	Delivery	Within 16 weeks





**SCHEMATIC REPRESENTATION OF PROCESSING UNIT**

**4.3 Scope of Supply and incidental works: Scope of Supply includes the following:**

- I. Supply of the equipment / system along with the accessories.
- II. Installation, Commissioning and Acceptance by the end user
- III. Training as specified in tender
- IV. On site comprehensive Warranty as specified in SCC
- V. Annual Maintenance Contract / Maintenance Support as specified in BoQ
- VI. Delivery Schedule as specified in SCC

**4.4.2 Manufacturer's Inspection Certificate**

After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the supplier's facility by the supplier, prior to shipment to check whether the goods are in conformity with the technical specifications. Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along with the delivery documents. The purchaser reserves the options to be present at the supplier's premises during such inspection and testing.

**4.4.3 Installation, Commissioning and Acceptance Test**

The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the Purchaser at its option after the equipment is installed at Purchaser's site in the presence of supplier's representatives. The acceptance will involve trouble free operation. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the equipment is expected to occur. The Supplier shall maintain necessary log in respect of the result of the test to establish to the satisfaction of the Purchaser, the successful completion of the test specified.

On the event of the ordered item failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which, the Purchaser reserve the right to get the equipment replaced by the Supplier at no extra cost to the Purchaser.

Successful conduct and conclusion of the acceptance test for the installed goods and equipment shall also be the responsibility and at the cost of the Supplier.

The acceptance tests at the final destination include the following:

a)	Installation and successful demonstration of performance of the equipment.
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## CHAPTER-5

### Price Schedule forms

Bidder Should quote as per the Format uploaded in <https://Gem.gov.in>

CSIR-CFTRI is a Public Funded Research Institute under Department of Scientific & Industrial Research, Government of India and concessional Custom duty @ Nil/5.15% is applicable for the goods purchased for Research purpose vide Government of India vide Notification No.51/96–Customs dated 23-July-1996, as amended from time to time.

CSIR-CFTRI is not eligible to issue any GST concessional rate certificate. Hence, bidder may submit their bid accordingly.

## CHAPTER-6

### Qualification Requirements

#### 6.1 Eligibility Criteria

##### a) Legal Valid Entity:

The Bidder shall necessarily be a legally valid entity either in the form of a Limited Company or a Private Limited Company registered under the Indian Companies Act, 1956 or as per rules prevailing in the country of origin/shipment

Bidder may be Joint Venture, Consortium or Association so long as they are formed and registered prior to the bid submission date.

Copy of Certificate of Incorporation issued by Registrar of firms/companies is to be submitted in support of this criterion or as per rules prevailing in the country of origin/shipment

b) An undertaking (self-certificate) is to be submitted to demonstrate that the bidder satisfies the bidders' eligibility criteria, as mentioned in ITB Clause 1.1.2 in the form of declaration by the Bidder for Code of Integrity & conflict of interest as per **Chapter-8: Annexure-H**.

c) Declaration by the bidder on letter head that he has not been disqualified or black listed or suspended by any other lab of CSIR or any other Govt. Organization/Govt. of India establishment or suspended by CPPP or GeM portals, in the past 24 months.

#### 6.2 Technical Qualification Criteria Criteria 1 -

##### Experience and Past Performance:

- a) The bidder (manufacturer or principal of authorised representative – hereinafter referred simply as 'The Bidder') should have in the last 3 years, ending 31st March of the previous financial year (hereinafter called 'The relevant Date'), manufactured and supplied (erected/commissioned **Edible Spoon/Forks Processing Unit** having similar or higher specifications (herein after called 'The Product'). The bidder should submit the manufacturer authorisation form as appended in Chapter-8 and
- b) 'The bidder' should have manufactured and supplied (erected/commissioned) at least Two number (herein after referred as 'The Qualifying Quantity') of 'The Product' in at least one of the last three years ending on 'The relevant Date.'

##### Criteria 2 - Capability- Equipment & manufacturing Facilities: -NA

'The bidder' must have an annual capacity to manufacture and supply (/erected/ commissioned) at least NA (The Qualifying Quantity)

Note: In case of multiple products in a tender, this criterion shall be applicable product wise. For example, in case of Printing Paper of different specifications/sizes, it shall be applicable to quantity of paper manufactured and supplied specification/size wise.

**6.3 Financial Qualification Criteria**

- a) The average annual financial turnover of 'The bidder' during the last three years, ending on 'The relevant Date', should be at ₹.....NA..... as per the annual report (audited balance sheet and profit & loss account) of the relevant period.
- b) A copy of the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India or equivalent in relevant countries, is to be submitted in support of this criterion. NA
- c) The net worth of the Bidder firm (manufacturer or principal of authorized representative) should not be negative on 'The Relevant Date' and also ii) should have not eroded by more than 30% (thirty percent) in the last three years, ending on 'The Relevant Date' (31-03-2023). Self-declaration on letterhead of the company to be provided in support of this. (Documentary evidence or supporting document).

**Applicability in Special Cases:**

- a) **Applicability to 'Make in India':**  
Bidders (manufacturer or principal of authorised representative) who have a valid/approved ongoing 'Make in India' agreement/ program and who while meeting all other criteria above, except for any or more of sub-criteria in Experience and Past Performance above, would also be considered to be qualified provided:

i)	their foreign 'Make-in-India' associates meet all the criteria above without exemption, and
ii)	the Bidder submits appropriate documentary proof for a valid/approved ongoing 'Make in India' agreement/program.
iii)	the bidder (manufacturer or principal of authorised representative) furnishes along with the bid a legally enforceable undertaking jointly executed by them self and such foreign Manufacturer for satisfactory manufacturing, Supply (and erection, commissioning if applicable) and performance of 'The Product' offered including all warranty obligations as per the general and special conditions of contract.

- b) **Authorized Representatives:**  
Bids of bidders quoting as authorised representative of a principal manufacturer would also be considered to be qualified, provided:

i)	their principal manufacturer meets all the criteria above without exemption, and
ii)	the principal manufacturer furnishes a legally enforceable tender-specific authorisation in the prescribed form assuring full guarantee and warranty obligations as per the general and special conditions of contract; and
iii)	the bidder him self should have been associated, as authorised representative of the same or other Principal Manufacturer for same set of services as in present bid (supply, installation, satisfactorily commissioning, after sales service as the case may be) for same or similar 'Product' for past three years ending on 'The Relevant Date'.

- c) **Joint Ventures and Holding Companies:**

Credentials of the partners of Joint ventures cannot be clubbed for the purpose of compliance of PQC in supply of Goods/Equipment, and each partner must comply with all the PQC criteria independently. However, for the purpose of qualifying the Financial Standing Criteria, the Financial Standing credentials of a Holding Company can be clubbed with only one of the fully owned subsidiary bidding company, with appropriate legal documents proving such ownership.

**Note for Bidders:**

a) **'Doctrine of Substantial Compliance':**  
The Pre-Qualification Bidding (PQB) and Pre- Qualification Criteria (PQC) are for shortlisting of sources who are competent to perform this contract to ensure best value for money from expenditure of Public Money. This process is neither intended to bestow any entitlement upon nor to create any rights or privileges for the Bidders, by way of overly hair-splitting or viciously legalistic interpretations of these criteria, disregarding the very rationale of the PQB and PQC. Keeping this caveat in view, interpretation by the Purchaser would be based on common usage of terminologies and phrases in public procurement in accordance with the 'Doctrine of Substantial Compliance' and would be final.

b) The Bidder must declare, whether asked or not in a bid document, any previous transgressions of such a code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity.

c) In case of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/ dealer. There can be only one bid from the following:

i)	The Principal manufacturer directly or through one Indian agent on his behalf; and
ii)	Indian/foreign agent on behalf of only one principal.

d) Along with all the necessary documents/certificates required as per the tender conditions, the bidder should furnish a brief write-up, backed with adequate data, explaining their available capacity (both technical and financial), for manufacture and supply of the required goods/equipment, within the specified time of completion, after meeting all their current commitments.

e) Supporting documents submitted by the bidder must be certified as follows:

f) A	i)	All copy of supply/work order; respective completion certificate and contact details of clients; documents issued by the relevant Industries Department/National Small Industries Corporation (NSIC)/ manufacturing license; annual report, etc., in support of experience, past performance and capacity/capability should be authenticated by the by the person authorised to sign the tender on behalf of the bidder. Original Documents must be submitted for inspection, if so demanded.
	ii)	All financial standing data should be certified by certified accountants, for example, Chartered Accountants/Cost Accountants or equivalent in relevant countries; and Indian bidder or Indian counterparts of foreign bidders should furnish their Permanent Account Number.

bidder or any of its affiliates who participated as a consultant in the preparation of the design or technical specifications of the contract i.e. the subject of the bid; cannot participate in the bidding process.

g) Indian agents quoting on behalf of its foreign principal need to submit a copy of the agency agreement with the foreign principal detailing the services to be rendered by them on behalf of the principals, failing which the bid shall not be considered.

h) Foreign bidders to disclose the name and address of agent and representatives in India and Indian bidder to disclose their foreign principal or associates.

## CHAPTER 7

### Contract Form

For details kindly refer Standard Tender Documents uploaded at CSIR-CFTRI website i.e. [www.cftri.res.in](http://www.cftri.res.in)  
→Tender

## CHAPTER 8

### Other Standard Forms

(To be enclosed as indicated below)TABLE OF CONTENTS

Sl. No.	Name	Annexure
1	Bid Security Form (to be enclosed with the technical bid)	A
2	Bid Securing Declaration. (to be enclosed with the technical bid)	B
3	Bidder Information Form (to be enclosed with the technical bid)	C
4	Bid Form	D
5	Manufacturers' Authorization Form (to be enclosed with the technical bid)	E
6	Performance Statement Form (to be enclosed with the technical bid)	F
7	Service Support Detail Form (to be enclosed with the technical bid)	G
8	Format of declaration of abiding by the code of integrity and conflict of interest to be submitted by the bidder (to be enclosed with the technical bid)	H
9	Certificate of local content with percentage (technical bid)	I & J
10	Self-Certification ( to be enclosed with technical bid)	L
11	Deviation Statement Form (to be enclosed with the technical bid)	M
12	Performance Security Form (to be submitted on award of Contract)	N
13	Acceptance Certificate Form (to be submitted on award of Contract)	O
14	Check List - Chapter - 9	

Note: Please refer clause 1.10.1 of the bidding documents for other documents to be attached with the bids/offers

For details kindly refer Standard Tender Documents uploaded at CSIR-CFTRI website i.e. [www.cftri.res.in](http://www.cftri.res.in)→Tender

The Terms and conditions of Standard Tender Documents uploaded at CSIR-CFTRI website i.e. [www.cftri.res.in](http://www.cftri.res.in)→Tender is integral part of this tender.

**CHAPTER- 9**

**Check List**

<b>Tender No.</b>	<b>CFTRI/74257/24-25</b>	
<b>Sr. No.</b>		
<b>1</b>	<b>Approximate weight of dimension the Consignment</b>	<b>Approximate dimensions of the consignment</b>
<b>2</b>	<b>Indian Customs Tariff No. and HSN No. (ICT &amp; HSN No.)</b>	
<b>3</b>	<b>Country of Origin</b>	
<b>4</b>	<b>Type of Supplier</b>	
<b>5</b>	<b>Mode of Shipment By Air /Road</b>	
<b>7</b>	<b>Delivery Schedule including Supply, Installation, Commissioning, Training &amp; Acceptance</b>	
<b>a)</b>	<b>Delivery of the Item as per Chapter-4/BoQ [In weeks / Days / Months] from the date of PO</b>	
<b>b)</b>	<b>Installation &amp; Commissioning from the date of Delivery of item [In weeks/Days/Months]</b>	
<b>c)</b>	<b>Training from the date of Installation &amp; Commissioning of item [In weeks/Days/Months]</b>	
<b>d)</b>	<b>Acceptance from the date of Training [In weeks/Days/Months]</b>	
<b>8</b>	<b>Installation &amp; Commissioning (if any) Quoted Price inclusive</b>	
<b>9</b>	<b>Training (if any) at site Quoted Price inclusive</b>	

10	Payment Term	
11	Currency of Bid/Quotation	
12	Statutory Levies [GST/IGST or any other taxes, duties] % of tax to be mentioned.	
13	Bidder GST No.	
14	Bidder Bank Details along with Cancelled cheque	
15	Insurance Coverage as per GCC/SCC Clause No.2.17.1	
16	Warranty (Minimum 1 year)	
17	Agree to submit Performance Security as per GCC/SCC Clause No.2.13.1	
18	Validity of offer as per Tender document	
19	Order to be placed on [Full address, Tel #, Fax #, Email Id, Contact Person]	
20	Any other	
21	Certificate of local content with percentage (Annexure I & J)	
22	Self-declaration (Annexure-L), if country of Origin is Foreign, Bidders may provide the details, as per GOI Procurement Policies (DIPP Order No.P-45021/2/2017-PP (BE-II)).	



**Bid-Securing Declaration Form**

*(Refer para 5.1.2 (ix)(d) & 6.1.1 (02) of the CSIR Manual)*

Date: \_\_\_\_\_

Bid No. \_\_\_\_\_

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- (a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- (b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of : (insert complete name of Bidder)

Dated on \_\_\_\_\_ day of \_\_\_\_\_ (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)