



सीएसआईआर-केंद्रीय खाद्य प्रौद्योगिक अनुसंधान संस्थान
CSIR- CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE
मैसूरु / MYSURU-570 020, भारत / INDIA

(Constituent Laboratory of CSIR, New Delhi (Ministry of Science & Technology)
An ISO 9001:2008, ISO 14001:2004 & ISO 17025:2005, NABL Accredited Laboratory

सं. /No. CFTRI /74190/2020

दिनांक / Date: 29th May 2020

NOTICE INVITING TENDER

क्रम सं. Sl. No.	निविदा संदर्भ Tender Reference	विवरण / Description
1	CFTRI/74190/2020	Biscuit Line – 1No.

1. Director, CSIR-CFTRI, Mysuru invites tenders for supply, installation & commissioning and satisfactory demonstration of Biscuit Line – 1No.
2. **Pre Bid conference is scheduled on 10.06.2020 in Person/Video Conference at 11.30a.m at CSIR-CFTRI, Mysore (Refer Sl. No. 5 of instruction to bidders)**
3. Last date for submission of Tender is 2.00 P.M. (IST) on 22 /June/ 2020 on line in etenders.gov.in.
4. Bid Security(EMD) Rs. 50,000.00
5. Technical Bid Opening on line in etender portal at 2.30 P.M(IST) on 23/June/2020

हस्ता./Sd/-

अनुभाग अधिकारी (भंडार एवं क्रय)

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CRITICAL DATE SHEET

CRITICAL DATE SHEET:

Tender Ref/No. CFTRI/74190/2020

Sl.No.	Stage	Date & Time
1	Publish Date & Time	29/05/2020 @ 5.30p.m.
2	Document Download Start Date & Time	29/05/2020 @ 5.30p.m.
3	Pre Bid Conference	10/06/2020 @ 11.30a.m
3	Bid submission Start Date & Time	12/06/2020 @ 10.00a.m.
4	Bid submission End Date & Time	22/06/2020 @ 2.00p.m.
5	Bid Opening Date & Time	23/06/2020 @ 2.30p.m.

TENTATIVE TIME SCHEDULE OF PROCUREMENT PLANNING:

Sl.No.	Stage Tentative Frame Time	Date & Time
1	Date of Bid opening	23/06/2020
2	Date of Completion of Techno-Commercial Bid evaluation	23/06/2020+ 15 Days
3	Date of Communication of Rejection of Bids	23/06/2020+ 25 Days
4	Date of Receipt of Contest, if any, from Bidders	23/06/2020+ 35 Days
5	Notification of Award	23/06/2020+ 50 Days

TECHNICAL SPECIFICATION IN DETAIL

Technical specifications for biscuit making line/plant consisting of

- 1) Dough mixer
- 2) Travelling baking oven
- 3) Rotary moulding machine

Production capacity: 20-25 Kg biscuits/ hour

1. Dough Mixer- double arm horizontal sigma mixer

Capacity Max	: 10-15 Kg Dough basis
Mixing Arm speed	: 10- 60 RPM (3 variable speeds)
Bowl Tilting	: Powered tilting arrangement with Geared Motor of suitable capacity
Door	: Counter Balanced Safety Switch
Drive	: Geared Motor (matching capacities) Coupled to Mixing Arm
Arm Rotation	: Mixing arms rotation in opposite directions for better mixing.
Operating Panel	: Reverse, Forward, Emergency Switch, Digital Timer and all other Controls fitted in the Front side of the panel
M.O.C.	: All contact parts AISI304.
Main frames - MS & powder coated	

2. Electric Biscuit Baking Traveling Oven (3 Chambers) with suitable cooling conveyor

Oven Band Size	: Width 200-240 mm, Length 4500-5000mm
No of Lines on Baking Band:	3-4 Lines
Cooling Conveyor	: 3000-4000mm length with PU Endless Belt
Heating Control	: Separate Heaters for 3 chambers with independent Digital temperature control.

Maximum Temperature	: 350°C.
Drive	: Geared Motor with variable speed.
Exhaust Blower	: Suitable exhaust blower with Open/Close Dampners
Conveyor cleaning	: Brush with Pressure Adjustment
Type of Conveyor	: Wire Band with Tensioner

M.O.C

1. All Outer contact area of AISI 304 Grade
2. Main frames Fabricated of M S Angles & Channels & Spray Painted with high temperature resistance Paint.
3. Wire Band - High Carbon Steel

Others:

1. Hoods at both the Ends of the oven for max Heat Suction.
2. Insulation: All the Four Sides of the OVEN (top, bottom, 2 Sides) with ceramic blanket / mineral wool reinforced to eliminate Heat loss
3. Chimneys for all 3 Zones (Charging, Middle, and Discharging End) with Shutters for (Half Open /open / Close) and suitable ducting (5-8 metres) to vent out all the exhaust fumes.
4. OVEN should have separate control panel consisting of Drives MCBs, Contactors, Relays Cable
Connectors, Digital Temp Control, Off Push Buttons, Speed regulators etc.

3. Rotary Moulding Machine

Forcing Roller	: Dia 200-240mm Width Fluted Roller with Rev- Fwd Adjustments
Die Roller (2 nos.)	: Dia 200- 240mm, M.O.C: Gun-metal, customized design engraved as per CFTRI specification
Rubber Roller	: Suitable size made of natural rubber lagged to the roller surface with up & Down Pressure Adjustments

Cover : Made out of Stainless Steel 304 grade with doors, for quick access and easy maintenance

Adjustable Scrapper Knife : To be Provided For Uniform Scraping of the Dough

Web Tightner : All the Webs with suitable Manual Tensioner & Web Tracking facility attached.

Hopper : AISI 304 Grade

Drive : Geared Motor with V.F.D

Easy Transfer of biscuit from Mould to Oven Band

M.O.C

1. All the Dough Contact Area will be of AISI 304 Grade Steel Fabricated
2. All Outer contact area will be of SS-304 Grade
3. Main frames Fabricated of M S Angles & Channels Powder Coated

Others:

1. Web Drive Roller: Knurled Rollers with full End to End Shafts.
2. All the Conveyor Webs with Manual Web Tensioner & web Tracking Units
3. All transfer Knives should have nose head for easy transfer.
4. Service panel fitted with all electric & electronic accessories -V.F.Drives, MCB, Relays etc

NOTE: Equipment to be fabricated with GMP guidelines. Easy-to-assemble system for easy access, repair and maintenance. Footprint of the entire line including utility requirements such as power supply, civil work & site requirements to be provided

INSTRUCTIONS TO BIDDERS

1. The Instructions, Terms & Conditions, General Conditions of Contract (GCC), Special Conditions of Contract (SCC), Annexures and Formats hosted in our website www.cftri.res.in [Path: Home page → Tenders → Standard Tender Document (Scrolling Text)] constitute as an integral part of this tender.
2. Bidders should submit their Financial Bid in the format provided (Price Schedule Format/BOQ) and same has to be uploaded in the above etender.gov.in. It is mandatory for all the bidders to upload duly filled Price Schedule Format/BOQ towards submission of their Financial Bid. No changes or modification to the given format is acceptable. Bidders are required to go through the instructions carefully before filling the Price Schedule Format/BOQ.
3. Please note that CSIR-CFTRI, Mysore is registered with the Department of Scientific and Industrial Research (DSIR) for purpose of availing GST @5% concessional rate as per Central Tax(Rate)/Integrated Tax(Rate) in terms of Notification No. 45/2017-Central Tax (Rate)/No. 47/2017- Integrated (Rate) Dt. 14-11-2017. You are advised to quote accordingly.
4. Bid Security (EMD) is **Rs. 50,000.00 (Rupees fifty thousand only)** for this tender either by DD/BG from Scheduled Commercial Banks or **Bid Security Declaration(BSD)** Form (Annexure-4).
5. **Pre-Bid Conference (PBC):**
Pre-Bid Conference is scheduled on **10th June 2020 at 11.30 a.m in the Office of the Stores & Purchase Department, CSIR-CFTRI, Mysore.** In the present prevailing condition of **COVID-19** Pandemic, PBC either will be held in **person or through Video Conference** (Link can be shared with bidders who wish to participate in PBC). Interested bidders must confirm participation in PBC by email in advance) or any other electronic communication mode.

It is preferably advised that all prospective bidders may submit their clarifications/questions/queries if any in writing by email to sosp@cftri.res.in & cosp@cftri.res.in by **5th June 2020** so that any issue can be addressed during PBC scheduled on **9th June 2020**. The amendments/clarifications if any, to the Bidding Documents pursuant

to the Pre-Bid Conference would be uploaded in etenders.gov.in and same will also be hosted on the Website of CFTRI and all the Prospective Bidders are expected to take cognizance of the Proceedings of the Pre-Bid Conference before formulating and submitting their Bids.

6. **Performance Security:** The supplier shall furnish Performance Security of **10% of the contract value** valid for warranty period of one year + additional 2 months after the warranty for this tender.
7. **Integrity Pact** is not applicable for this tender.
8. **Warranty:** One year from the date of supply, installation & Commissioning, demonstration and acceptance by the Purchaser.
9. **Delivery Period:** Delivery should be effected within 6-8 weeks from the date of issue of Purchase Order.
10. **Terms of Payment:** The method and conditions of payment to be made to the supplier under this Contract shall be as follows:

Payment for Goods and Services supplied from India:

Payment for Goods and Services supplied from within India shall be made in Indian Rupees [INR] only as follows:

A. On Delivery, Installation & Commissioning, Demonstration and Acceptance:

- a) 90 % (Ninety Percent) of the Contract Price shall be paid on Delivery of the Goods, Installation & Commissioning, Demonstration and Satisfactory Acceptance of Items & upon submission of the documents specified in GCC/SCC and the acceptance certificate issued by the Purchaser.
- b) Balance 10% payment will be made to the supplier against submission of Performance Security i.e 10% of Contract value valid for warranty period + additional 2 months issued by Scheduled Commercial Bank.

or

- B. Inland Letter of Credit:** The inland L/C will be confirmed at the suppliers cost, if requested specifically by the supplier. All bank charges shall be to the account of the beneficiary i.e. Supplier. If L/C is requested to be extended/ reinstated for reasons not attributable to the supplier, charges shall be to the account of the opener i.e. Purchaser. If L/C is requested to be extended/ reinstated for reasons not attributable to the

Purchaser, the charges thereof would be to the Suppliers' account. The inland LC for 100% value of the contract shall be established. The payment shall be made in Indian Rupees, as follows:

(a) 90 % (Ninety Percent) of the Contract Price shall be paid on Delivery of the Goods, Installation & Commissioning, Demonstration and Satisfactory Acceptance of Items & upon submission of the documents specified in GCC/SCC and the acceptance certificate issued by the Purchaser

(b) Balance 10% payment will be made to the supplier against submission of Performance Security i.e 10% of Contract value valid for warranty period + additional 2 months issued by Commercial Scheduled Bank.

COVER DETAILS - DOCUMENTS TO BE UPLOADED:

Cover - 1: PreQual/Technical Bid (Techno-Commercial Details) for Procurement of Biscuit Line (Document Type .pdf)

1.(a) Catalogue / Brochure of the Model Quoted along with a detailed description of the essential technical and performance characteristics of the goods being offered, with an item by-item commentary on the indented technical specification and documentary evidence of conformity of the goods and services to the bidding documents demonstrating substantial responsiveness of the goods being offered.

(b) Two (2) latest Purchase Order Copies with price of reputed Govt. Research Institutes/Organisation or any other institutions for the supply & installation and satisfactory functioning of the similar/equivalent equipment to comply with minimum eligibility criteria.

(c) User list for the quoted model along with contact Numbers and email ID

(d) Warranty offered and delivery schedule.

2. Bidder Information Form (Annexure - 1)

3. Manufacturer's Authorization Form (Annexure - 2)

4. Bid Security Form (Annexure-3) / Bid Security Declaration Form (Annexure-4)

5. Performance Statement Form (Annexure - 5)

6. Deviation Statement Form (Annexure - 6)

7. Bidders must furnish a Compliance Statement of each and every required specification of our tender (Annexure-8)

8. Documents establishing goods eligibility and conformity to bidding document; indicating the Indian Customs Tariff Number (ICT & HSN No.)
9. Schedule of Requirements - (Refer Chapter 5 for Format)
10. Declaration abiding by the Code of Integrity and No Conflict of Interest for Public procurement (Annexure - 11)

Cover - 2: Price Schedule Format/BOQ (Document Type. xl) BOQ uploaded in etenders.gov.in

Please refer to our Standard Tender's Terms & Conditions uploaded in www.cftri.res.in under tender (Chapter-7) for above Format of Annexures. Any other supporting documents to avail preference/benefits as per Standard Tender Document must be uploaded with the Technical bid for technical qualification.