



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 /74198/2020

दिनांक / Date: 20 August, 2020

NOTICE INVITING TENDER

क्रम सं. Sl. No.	निविदा संदर्भ Tender Reference	विवरण / Description
1	CFTRI/74198/2020	Steam Boiler with accessories– 2Nos.

1. Director, CSIR-CFTRI, Mysuru invites tenders for supply, installation & commissioning of Steam Boiler with accessories - 2Nos.
2. Last date for submission of Tender is 2.00 P.M. (IST) on 10th/September/ 2020 on line (CPPP) in etenders.gov.in
3. Technical Bid Opening on-line in etender portal at 2.30P.M(IST) on 11th/September/ 2020

हस्ता./Sd/-

अनुभाग अधिकारी (भंडार एवं क्रय)

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CRITICAL DATE SHEET

Tender Ref/No. CFTRI/74198/2020:

Sl.No.	Stages	Date & Time
1	Publish Date & Time	20/08/2020 @ 5.30p.m.
2	Document Download Start Date & Time	20/08/2020 @ 5.30p.m.
4	Bid submission Start Date & Time	26/08/2020 @ 05.00p.m.
5	Bid submission End Date & Time	10/09/2020 @ 2.00p.m.
6	Bid Opening Date & Time	11/09/2020 @ 2.30p.m.

Specification & Allied Technical Details

A3/74198/2020

Steam boiler with accessories

Non-IBR steam boiler with accessories for generation and supply of steam at 100 °C. Complete with all auxiliaries, accessories, control and safety measures for the smooth operation.

Capacity	: 300 kg/h
Quantity	: 02 Nos.
Steam pressure	: 10.50 kg/cm ²
Fuel to be used	: HSD/ LDO
Thermal efficiency	: 88±2% (Minimum)

The boilers to be installed at the different places. The boilers to be operated independently and supply of fuel, steam, water to be provided from separate tanks. The steam supply line from each boiler to be given to separately with steam distribution header.

The scope of supply includes:

- Boiler with double helical vertical coil with all standard auxiliaries like firing burner assembly, blower with motor, fuel pump, water pump, control valves, economizer, control panel, strainer/moisture separator assembly, tool kit etc.
- Piping for feed water, fuel oil, mountings & fittings, steam control valves, safety valves.
- Water & fuel strainer, control valves, fuel filters.
- Instruments control & safety measures like burner programmer with matching flame detector, audiovisual alarms for abnormal conditions.
- Pressure gauge, temperature indicator cum controller, ON-OFF control for burner, water level alarm, fuel pressure indicator etc.
- **Fuel gas and combustion air system:** Fabrication & erection of duct with suitable reducer, bend and flange joints, thermometer with sampling point.
- **Chimney:** Erection & Commissioning & Fabrication of wall mounted chimney as per Karnataka State Pollution Control (material, height, diameter and thickness) should be

connected to each boiler. MS ladder provision to check the pollution reading above a distance of one meter from the last bend of the chimney.

- **Feed water system:** Resin type water softeners (namely: Omega/Thermax/Serene Aqua Tech) for supplying soft water for each boiler, with PVC feed water tank (~1000 L each, with level indicators), flow and drain piping with required valves and fittings.
- **Fuel Supply:** Fuel supply system consist of MS tank (500 L each, with level indicators and inside anticorrosive coating), flow and drain piping with required valves and fittings along with a suitable diesel pump.
- **Drain Lines:** Drain and boiler bypass, Economizer & Air vent drain, blowdown drain.
- **Support and Structure:** for pipe racks & boiler feed tanks. All the structure and un-insulated area to be applied with red oxide primer and final enamel paints.
- **MS-Pipe “C” Class- NIBR, Flanges “C” Class (NIBR), Short Bend “C” Class (NIBR) as per actual requirement**
- **Insulation:** Insulation with mineral wool/polyurethane/glass wool/fibre glass with chicken mesh & with Aluminium cladding for steam line up to header outlet.
- **Others:** Fasteners, Barrel Nipples, Gaskets, Teflon Tape etc. for installation, commissioning and successful operation of Boiler.

All motors (Crompton/Kirloskar/Siemens), electrical/electronic controls (Havells/Siemens/MDS), pumps should be of standard make and all parts & components used in the system to meet the standard regulations. For quick repair/trouble shooting and maintenance of boiler, the firm should have service office/facility in Mysore or Bangalore.

Warranty: ONE year from the date installation, commissioning and demonstration of successful operation.

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 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.

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.

3. Integrity Pact is not applicable for this tender.
4. **Warranty:** One year from the date of supply, installation & Commissioning, demonstration and acceptance by the Purchaser.
5. **Delivery Period:** Delivery should be effected within 8 weeks from the date of issue of Purchase Order.
6. **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.

7. COVER DETAILS - DOCUMENTS TO BE UPLOADED:

Cover – 1: PreQual/Technical (Techno-Commercial Details) for Procurement of Steam Boiler (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/Organization 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 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.

P.S:

As per OM No. 6/18/2019-PPD dt 23/07/2020, under Rule 144(xi) in GFR 2017, Requirement of Registration is mandatory for:

Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including turnkey projects) only if the bidder is registered with the Competent Authority.

Special Clauses for Tenders

- I. Any bidder from a country which shares a land border with India will be eligible to
bid in this tender only if the bidder is registered with the Competent Authority
- II. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process
- III. "Bidder from a country which shares a land border with India" for the purpose of this Order means: -
 - a) An entity incorporated, established or registered in such a country; or

- b) A subsidiary of an entity incorporated, established or registered in such a country;
or
- c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d) An entity whose beneficial owner is situated in such a country; or
- e) An Indian (or other) agent of such an entity; or
- f) A natural person who is a citizen of such a country; or
- g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

IV. The beneficial owner for the purpose of (iii) above will be as under:

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation-

- a) "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company;
 - b) "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
2. In Case of A partnership firm the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more Juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more Juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the: relevant natural person who holds the position of senior managing official,
 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership
- V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person

Certificate for Tenders must be submitted with bid

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if (from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in the regards and is eligible to be considered." (Where applicable, evidence of valid registration by the Competent Authority shall be attached)

**(Seal & Signature)
(with name & designation)**