



CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE
KARAIKUDI – 630 006

(Council of Scientific & Industrial Research)

Phone: 04565- 227206

Fax: 04565- 227204, 227206

E-mail: spo@cecri.res.in

No: TEF E 10043

Date: 06.09.2010

TENDER NOTICE

Sealed tenders are invited under Single-bid system from reputed manufacturers and their accredited/sole selling agents for “Supply, Installation, Commissioning and Satisfactory Demonstration” of the following item as per the following Terms & Conditions.

SL. NO	DESCRIPTION OF ITEMS	QTY
1	Computer controlled stirred Laboratory autoclaves with glass vessels [Detailed specification as per Annexure]	1 No

Last date for submission of Tenders : 06.10.2010 up to 5.00 PM (IST)

Date of opening of Technical Bid : 07.10.2010 at 3.00 PM (IST)

Terms & Conditions

1. The offer may be kept valid for at least 4 months to allow us to complete the import formalities.
2. The basic price, F.O.B Prices, Air Freight and other charges may be shown separately.
3. **Telex, Cable, Fax or e-mail bids will be accepted at the risk of the bidder.**
4. Please do not dispatch the goods until you receive a firm order from us.

Director, CECRI reserves the right to reject any or all the tenders without assigning any reason or to accept them in part or in full.

STORES & PURCHASE OFFICER

ANNEXURE

Batch Pressure Reactor-Specifications

Remotely controlled through computer/panel with monitoring, plotting & datalogging of parameters.

Capacity: 50, 100 and 200 ml interchangeable SS vessels and Glass vessels

Specification:

Material of construction: SS 316, Glass

Max. Temperature : 300 °C

Max. Pressure : 200 bar

Stirrer RPM : 1450

(Hollow shaft with gas entrainment type impeller (Specially for hydrogenation)

Provision for Gas inlet/ vent/ Sample valves

Back pressure regulator, Cooling coil, Thermowell

Stirrer with speed controller/indicator

Bushes : PEEK

Drive : Flame Proof AC motor & variable frequency Invertor Drive

Heating system : Ceramic heating mantle with insulation

Temperature controller: S.S. control panel with Microprocessor based P.I.D.

Temperature controller/indicator with cooling option & alarm system.

Digital pressure monitor/indication and other accessories

Provision for adjusting the height of the reactor using rail

Mounting SS trolley.

WARRANTY: THREE YEARS

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