



INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY	
(Council of Scientific & Industrial Research)	
TARNAKA, UPPAL ROAD, HYDERABAD-500 007, A.P, INDIA.	
Tel:+91-40-27193461	EPABX Tel: +91-40-27160123
Fax:+91-40-27193147	Email: csiriict@yahoo.com

INVITATION TO TENDER

PUR/EN/25-A/07

Dt. 06-08-2007

Director, Indian Institute of Chemical Technology, Uppal Road, Hyderabad 500 007 invites sealed bids from manufacturers for purchase of items listed below on **Single Bid**

S. No.	Tender No.	Description of items	Quantity	Bid Security (EMD) (in Indian Rupees)
1	PUR/EN/25/A/07	Supply, installation, testing and commissioning of CPRI approved factory made cubicle type sectionalized LT Panel, metal clad of CRCA sheet steel suitable for 415V, 3 Phase, 50 Hz, AC Make: L & T /GE Power / Siemens / ABB / Merlengerin Supply Specifications stated and drawings are enclosed in Annexure – I	1 No.	45000-00

1. **The bids must reach this office on or before 16-08-2007 up to 11.30 a.m. (IST) and shall be opened on 16-08-2007 at 3.00 p.m. (IST)**
2. All bids must be accompanied by a bid security as specified above and must be delivered to the above office at the date and time indicated above. Bids will be opened in the presence of Bidders' representatives who choose to attend on the specified date and time. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed time.
3. The bid security shall be in Indian Rupees. The bid security shall be in one of the following forms at the bidders' option:
 - (a) A bank guarantee issued by a Nationalized/Scheduled bank/Foreign Bank in the form provided in the bidding documents and valid for 45 days beyond the validity of the bid; or
 - (b) Fixed Deposit receipt pledged in favor of the Director, IICT.

- (c) A Banker's cheque or demand draft in favour of the Director, IICT.

The bid security should be submitted in its original form. Copies shall not be accepted.

Any bid not secured in accordance with above will be rejected by the Purchaser as non-responsive.

The firms registered with DGS&D and NSIC are exempted from payment of BS provided such registration includes the item they are offering which are manufactured by them and not for selling products manufactured by other companies. The current registration certificate should also accompany the bid.

The bid security may be forfeited:

- (a) If a Bidder withdraws or amends or impairs or derogates its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- (b) In case of a successful Bidder, if the Bidder fails to furnish order acceptance within 15 days of the order and/or fails to furnish Performance Security within 21 days from the date of contract/ order.

Period of Validity of Bids

Bids shall remain valid for 90 days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.

The Director, IICT reserves the right to accept any or all tenders either in part or in full or to split the order without assigning any reasons there for.

4. Qualification requirements

The Bidder should be a manufacturer who must have designed, manufactured, tested and supplied the equipment(s) similar to the type specified in the "Technical Specification". Such equipments must be of the most recent series/models incorporating the latest improvements in design. **The models should be in successful operation for at least one year as on date of Bid Opening. Documentary evidence to this effect has to be produced along with the bid**

The bidder shall also submit the following statements as per format enclosed

1. Performance Statement form
2. Service support form

5. Bid Prices

The Bidder shall indicate on the appropriate price schedule form, the unit prices and total bid prices of the goods it proposes to supply under the contract.

Prices indicated on the price-schedule form shall be entered separately in the following manner:

- (i) The price of the goods quoted ex works including taxes already paid.
- (ii) VAT and other taxes like excise duty etc. which will be payable on the goods if the contract is awarded.
- (iii) The charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination as specified in the price schedule form.

6. Where there is no mention of packing, forwarding, freight, insurance changes, taxes etc. such offer shall be rejected as incomplete and prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account.

7. All lots and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid.
8. The purchases made by the purchaser for scientific purpose are exempted from excise duty as per notification No. 10/97 and Custom Duty at a concessional rate is leviable, as per notification No. 51/96-Cus. Hence, rates to be quoted accordingly.

Conditional tenders shall not be accepted

Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

9. To establish the conformity of the goods and services to the specifications and schedule of requirements of the bidding document, the documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings and data, and shall consist of:
 - (a) A detailed description of the essential technical and performance characteristics of the goods;
 - (b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the warranty period following

commencement of the use of the goods by the Purchaser in the Priced- bid ; and

- (c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications.

10. The bids shall be evaluated on the basis of final landing cost which shall be arrived as under:

- (i) The price of the goods quoted ex-works including all taxes already paid.
- (ii) VAT and other taxes like excise duty if any, etc. which will be payable on the goods if the contract is awarded.
- (iii) Charges for inland transportation, insurance and other local services required for delivering the goods at the desired destination.

(iv) The installation, commissioning and training charges, if any.

11. The successful bidder should submit Order acceptance within 15 days from the date of issue, failing which it shall be presumed that the vendor is not interested and his bid security is liable to be forfeited.

13. **Delivery** : Delivery of the ordered goods shall be made within **4 weeks** from the date of Purchase Order.

The delivered material shall be installed and commissioned within one month, from the date of receipt at IICT.

14. **Warranty** : Warranty for one year effective from the date of acceptance, shall be provided .

14. Terms of Payment

Payment for Goods and Services supplied from within India shall be made in Indian Rupees, as follows:

- (i) **On shipment** : **80 %** of the Contract Price shall be paid on receipt of the Goods and upon submission of following documents

Within 24 hours of dispatch, the supplier shall notify the purchaser the complete details of dispatch and also supply following documents by registered post / speed post and copies thereof by FAX.

- (a) Two copies of Supplier's Invoice indicating, *inter-alia* description and specification of the goods, quantity, unit price, total value;
 - (b) Packing list;
 - (c) Certificate of country of origin;
 - (d) Insurance certificate, if required under the contract;
 - (e) Railway receipt/Consignment note;
 - (f) Manufacturer's guarantee certificate and in-house inspection certificate;
 - (g) Inspection certificate issued by purchaser's inspector, if any and
 - (h) Any other document(s) as and when required in terms of the contract.
- (ii) **On Acceptance:** The remaining 20 % of the Contract value shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate issued by the Purchaser **and on submission of performance security for 10% of value of contract, valid for one year from the date of acceptance.**

The Performance security shall be in one of the following forms:

- (a) A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/Scheduled bank located in India or a bank located abroad in the form provided in the bidding documents. Or
- (b) A Banker's cheque or Account Payee demand draft in favour of the purchaser. Or,
- (c) A Fixed Deposit Receipt pledged in favour of the Purchaser.

The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

16. Penalty clause

If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent 1 % of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of 10% Once the maximum is reached, the Purchaser may consider termination of the Contract.

17. Force Majeure

The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

If the performance in whole or in part or any obligations under the contract is prevented or delayed by any reason of force majeure for a period exceeding 60 days, either party may at its option terminate the contract without any financial repercussions on either side.

18. Applicable Law

The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to Hyderabad (AP) jurisdiction.

(S.GNANAPRAKASAM)
- Controller of Stores & Purchase

PRICE SCHEDULE FOR GOODS BEING OFFERED FROM INDIA

Name of the Bidder _____

Tender No. _____

1	2	3	4	5	6	7	8	9	10
Sl. No.	Item Description	Country of origin	Unit	Quantity	Ex-Works.,Ex-warehouse,,Ex-show room off the shelf price (inclusive of all taxes already paid)	Total price Ex-Works.,Ex-warehouse,,Ex-show room off the shelf price (inclusive of all taxes already paid) 5x6	VAT & other taxes like excise duty payable, if contract is awarded	Packing & for warding upto station of dispatch	Charges for inland transportation, insurance to ultimate destination

Total Bid price in foreign currency _____

Signature of Bidder _____

Name _____

Business Address _____

PERFORMANCE STATEMENT FORM
(For a period of last 3 years)

Name of the Firm.....

Order Placed by (full address of Purchaser)	Order No. and date	Description and quantity of ordered equipment	Value of order	Date of completion of delivery as per contract	Date of actual completion of delivery.	Remarks indicating reasons for late delivery, if any	Has the equipment been installed satisfactorily? (Attach a certificate from the purchaser/Consignee)	Contact person alongwith Telephone No., FAX No. and e-mail address

SERVICE SUPPORT DETAIL FORM

Sl. No.	Nature of training imparted	List of similar type equipments serviced in the past 3 years	Address, Telephone Nos. , Fax Nos and e mail address

ANNEXURE - I

Specifications for Power Control Center

The Power Control Center should be of free standing and floor mounting type switch board suitable for indoor installation. The PCC shall be split in to multiple sections . Each vertical Panel shall be divided into distinct zones for bus bars, droppers, auxiliary bus bars , feeders , Moulded Case Circuit Breakers and associated auxiliary equipment. The entire construction should confirm to BIS: 2147 and IP -54.

Bus – bars

The bus bar system should be of inter leaved construction and be designed to withstand a fault level of 50 KA for one second . The bus bars should be made out of high conductivity electrical grade Copper flats complying with latest standards and shall be mounted on rigid non hygroscopic insulators at suitable intervals. The bus bars are sleeved with heat shrinkable sleeves (Red , Yellow and Blue colors). Green and Yellow color bands for earth bar.

The ACBs and MCCBs used for incoming and out going feeders should be with thermal magnetic releases having breaking capacity of 50 KA up to 400A rating ,35 KA up to 200A rating and 25 KA for 125A and below rating. The PCC should be designed , constructed fully confirming to BIS: 8853 for factory assembled switchgear.

Cable Alley & Cabling

The CBC should be completely isolated from the bus bar zone and ACB compartments and should be accessible from rear of the panel . Ample space should be provided for routing Aluminum conductor cables and terminating them over the modules.

Internal wiring of all components shall be carried out using adequate size copper wires and terminated in internal strips of adequate capacity to connect to external circuits. The control cables shall be as follows:

Grade : 1100V

Earth connection : Green Yellow band PVC insulated multi strand copper wire.

CT secondary wire : 2.5mm² PVC insulated copper

All control and power cable wires are to be numbered by ferules. The main earth bar shall be provided with the PCC with provision for connecting consumer earth grid at both ends.

Finishing

The entire PCC should be de-greased and de-rusted before applying a primary coat of red oxide and powder coated with two coats of **Simen's Gray Pal 7032** epoxy paint. The PCC should contain the items as given in the schematic single line **Diagram No:** OE-ELE-MISC-PCC-001

Make of Components

ACBs	:	Siemens/L&T/Merlin Gerin / ABB / GE
Bus Couplers	:	L&T/Siemens/Merlin Gerin / ABB/ GE
MCCBs	:	MDS / SIEMENS /L&T / ABB/ GE
Fuse links with base	:	L&T /Siemens/ GE
CT	:	ALTRON / KAPPA/ GE
Control fuse	:	L&T / SIEMENS/ GE
Ammeter & Voltmeter	:	Enercon (Digital) / GE
Indicating Lamps	:	LED of reputed make / GE

General Details

1.All meters and indicating lamps should be visible on the front door. Current transformers are cast resin type only.

2. Feeder and board labels are Aluminum anodized with engraved letters with Black back ground. Vacant compartments labels with compartment only.

3. All ACBs are to considered as four pole and E.D. / O. type