

ಭಾರತ್ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ ಲಿಮಿಟೆಡ್
ಎಲೆಕ್ಟ್ರೋಪೋರ್ಸಲೇನ್ಸ್ ವಿಭಾಗ, ಬೆಂಗಳೂರು-560 012

ಭಾರತ ಹೆವಿ ಇಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್
ಇಲೆಕ್ಟ್ರೋಪೋರ್ಸಲೇನ್ಸ್ ಡಿವಿಜನ್, ಬೆಂಗಳೂರು- 560 012

Bharat Heavy Electricals Limited

(A GOVERNMENT OF INDIA UNDERTAKING)
ELECTROPORCELAINS DIVISION

Phone : 080-23569300
Fax : 080-23344231
Grams : PORCELAIN

Prof. C.N.R.Rao Circle, Science Institute Post,
Malleshwaram, BANGALORE – 560 012 INDIA
Website : www.bhelceramics.com



Ref: WEX/MECH/NP/ISO-REC
To,

NOTICE INVITING TENDER

03.09.2016

Dear Sir,

Sub: Offer for complete modification of cold wet bag isostatic press in CTI Pilot Plant

We invite your competitive bid in **TWO PART** for Complete modification of cold wet bag isostatic press in CTI Pilot plant.

Scope of work is as per Tender Part A.

- You may spot visit to understand the scope of work to give competitive offer and clarifications if any may be obtained on any working days between 1-00 to 3-00 PM.
- Your offer should indicate acceptance for the above work otherwise offer will be rejected.
- The rate for the work should be indicated clearly in the offer along with taxes and duties if any extra.
- Payment, after satisfactory completion of work on actual work done basis, will be made only through EFT.
- EMD of Rs. 20,000/- to be paid in the form of Demand draft
- Security deposit of 10% will be recovered from the first bill and will returned after 06 months from the date of completion of work.
- Offer (as per priced bid format enclosed) in sealed envelope to be super scribed with below details.

Tender Ref:WEX/MECH/NP/ISO-REC dt: 03.09.2016 Due Date: 24.09.2016

Name work:“Complete modification of Cold wet bag isostatic press in CTI Pilot plant”

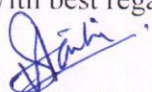
The tender document/offer shall be deposited in the tender box- WEX kept at the reception office of below address.

**“Engineer / WEX,
Bharath Heavy Electricals Ltd.,
Electroporcelians Division,
Prof CNR Rao Circle, IISC Post,
Malleshwaram, Bangalore- 560 012”**

The last date for Submission of Tender is **24.09.2016 by 2.30 PM** and the tender will be opened in the tender room at main gate, on the same day at 03.00PM, if you wish to be present on the time of tender opening, you may do so.

The competitive bidder will be decided based on the lowest offer and L1 will be arrived based on the total cost to BHEL.

With best regards


Amarjyoti Saikia
Engineer / WEX
BHEL – EPD
Bangalore / Contact No: 080-2218 2299 / 2218 2344

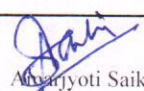


Bharat Heavy Electricals Limited
Electroporecelains Division, Bangalore

TENDER PART A

Tender Ref: REF: WEX/MECH/NP/ISO-REC

MODIFICATION OF COLD WET BAG ISOSTATIC PRESS			
Synopsis: Vendor to provide new hydraulic power pack for cold-wet isostatic press of BHEL-EPD. The work includes supply, installation and commissioning of the same, as well as complete reconditioning of the machine.			
Sl No.	PARAMETERS	BHEL's REQUIREMENT	VENDOR'S REPLY (Vendor to agree and to provide the specifications as per standard engineering practice)
1	USE	For use in Cold Wet Bag Isostatic Press	
2	QUANTITY	1 Set	
3	PUMP UNIT	An additional low pressure pumping unit for quick initial pressurization up to 100 bar	
4	FASTER PRESSURIZATION SYSTEM	Replacement of the existing Pressurization System by a new system which can pressurize the Press much faster than the present system. 1600bar (23000+ psi) (Hydraulic Unit & High pressure Intensifier)	
5	LOCKING/ LIFTING POWER PACK UNIT	Replacement of Hydraulic power pack unit for locking and lifting operations of the pressurizing vessels.	
6	AIR OPERATED HIGH PRESSURE VALVE	New Air operated High Pressure valves to avoid hand liver operation This system is to avoid frequent failure of the valves.	
7	ELECTRICAL PANEL BOARD	PLC Control system to control all functions of the machine with digital pressure selector/ HMI	
8	FILTRATION SYSTEM	Vendor to provide details of the filters being used in the proposed power pack system. In this regard, vendor to take note that the filtration system should be capable of preventing Alumina powder and other foreign particles from entering into the power pack system	
9	SAFETY	Emergency stop button to be provided	
10	CATALOGUE	Catalogues for all the components used in the work to be provided in soft copy/ hard copy format	
11	CIRCUIT DIAGRAMS	Vendor to provide circuit diagrams for electric, hydraulic and pneumatic systems used in the power pack system	
12	INSTALLATION & COMMISSIONING	Scope of Supplier	
13	DELIVERY	6 Weeks from the Date of Issue of Purchase Order	
14	WARRANTY	12 Months from the Date of Commissioning	
15	AFTER SALES SERVICE	Reliable after sales service should be available. Vendor to provide necessary details	
16	SPOT VISIT	Vendor to visit the spot and understand the working principle of the machine and requirements of BHEL	
Note: Vendor may provide additional feature in-built in their standard product. However, such additional feature will not attract any additional weightage on price-bid, during price bid evaluation.			


Amarjyoti Saikia
Engineer/WEX

ಅಮರ್ಜ್ಯೋತಿ ಸೈಕಿಯಾ, ಅಧ್ಯಯನಕರರು/ವಿಜ್ಞಾನ ವಿಭಾಗದ ಮೇಲವಸ್ಥಾಪಕ
ಅಮರ್ಜ್ಯೋತಿ ಸೈಕಿಯಾ, ಅಭಿಯಂತರ/ವಿಜ್ಞಾನ ವಿಭಾಗದ ಮೇಲವಸ್ಥಾಪಕ
AMARJYOTI SAIKIA, Engineer/WEX-Mechanical Maintenance
BHEL-EPD, BANGALORE-560 012



Bharat Heavy Electricals Limited
Electroporcelains Division, Bangalore-12

(To be submitted in a separate sealed cover indicating the tender ref, due date and name of work)

PART-B
PRICE BID FORMAT

Tender Ref: WEX/MECH/NP-ISO-REC Dated 03.09.2016

Name of Work : Complete Modification of Cold wet bag iso-static press in CTI Pilot Plant				
SI No.	Work Description	Qty	Uom	Amount (Rs.)
1	Modification of Cold wet bag Iso-static press by replacement of pressure intensifier unit, replacement of hydraulic power pack unit for locking, lifting operation, incorporation of Filtration unit and incorporation of new electrical panel for automatic operation (Detail of work as mentioned in Tender part A)	1	Set	
(A)SUBTOTAL (BASIC) :-				
(B) TAXES, IF ANY				
i.				
ii.				
iii.				
GRAND TOTAL: (A)+ (B)				
(Rupees) in words

Note:

- Rate quoted must be in actual figures and not in the percentage form. Quotation having rates in percentage formats will be rejected.
- Bidders are advised to meet the Engineer Incharge, visit the work spots and understand the scope of work clearly before quoting.
- Taxes and duties as applicable may be quoted seperately in the space provided. Otherwise the rate quoted above will be considered as inclusive of all taxes and no further clarification in this regard will be entertained later.
- Vendors offering their claimed superior products / features other than indicated, will not attract any additional weightage in the price bid evaluation.
- In case any discrepancy in totalling of value, the unit rate quoted for items will be multiplied by the total quantity indicated shall be considered as final.
- Vendor has to go through Part-A of tender document in detail before quoting
- Vendor has to quote for all works without fail. Otherwise offer will be rejected.
- The competative bidder will be decided based on the lowest offer (L1) and L1 status will be arrived based on the total landed cost to BHEL

Signature of the Bidder =

Name of the Bidder =

Address of the Bidder =