

REQUEST FOR EXPRESSION  
OF INTEREST (EOI) for Long  
Term Contract Agreement  
and New Vendors  
Registration

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**BHARAT HEAVY ELECTRICALS LIMITED**  
ELECTROPORCELAINS DIVISION  
BANGALORE-560012

## **LV SWITCHGEAR BUSINESS**

The market for LV switchgear business in India is growing at a fast pace, for both for industrial & power segment. The current BHEL Market share is around Rs 200 crores per annum.

BHEL/EPD primarily manufacturing insulators is planning to diversify into the field of LV switchgear for power sector requirement.

Scope of contract: To address this market requirement BHEL /EPD Bangalore would like to enter into a long term contract agreement and vendor registration with a reputed OEM / System integrator who have adequate experience to "Design, Engineer, Manufacture, Service, Field Engineering Support etc for LV switchgear package for power plants up to 800 MW". The detailed terms & conditions for the contract can be mutually agreed upon.

**Brief Description of LV package** :LV switchgear Package consist of fabrication of switchboards for PCC, PMCC, MCC, Starter panels, ACDB, DCDB, LPBS for non air conditioned Indoor applications. The operating voltage is at 415volts and supplying load currents up to 4000Amps. The switchboards can be double front and single front construction. The switchboards are sectionalized into panels housing both draw out & fixed type modules. The controls are provided at local and remote locations using numerically controlled relays, Ethernet switches and DATA concentrator. LT bus ducts also form an item in this package. The Bus bars used are usually aluminium and the degree of protection for the enclosures required is of level IP42 and IP55. The short circuit levels requirement is 50kA. The switchboards are to comply with relevant IEC / Indian standards.

ANNEXURE- 5 FORMAT MATTER TO BE HOSTED IN BHEL WEB SITE

Format to be filled by Manufacturers expressing interest to have tie up with BHEL/EPD to supply LV Switchgear Switch boards for Power Sector

Sl No	Points of Interest
1	Name of the company
2	Whether ORIGINAL EQUIPMENT MANUFACTURER of Major LV switchgears
3	Whether ORIGINAL EQUIPMENT MANUFACTURER of Switchboards comprising of both Draw Out & Fixed Type panels
4	Whether Approved by Customers like BHEL,NTPC,etc
5	Whether Approved by Consultants such as EIL,TCE etc
6	Infrastructure Facility available
7	Willing to share the Technology
8	Present Plant Capacity to produce switch boards
9	Major Project executed in the power sector especially 500 MW and above
10	Turn over achieved by Supplying LV switchgear for the past 10 Years
11	Lead Time for delivery
12	Certified to ISO 9001 , ISO 14001 & OSHAS 18001 standards
13	Existing Tie ups if any
14	Flexibility to accommodate other makes of switchgear
15	Willing to only supervise the E&C function