



EOI Reference Number:

BHEL-EPD/CPBG/EOI/2015-16/FES/01, REV 00

**NOTICE INVITING EXPRESSION OF INTEREST
FOR FIELD ENGINEERING SERVICES FOR LV
SWITCHGEAR PANELS.**

**EOI REFERENCE NUMBER
BHEL-EPD/CPBG/EOI/2015-16/FES/01, REV 00**



**BHARAT HEAVY ELECTRICALS LIMITED,
ELECTRO PORCELAINS DIVISION, BANGALORE-12**



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1. DISCLAIMER

The information contained in this Expression of Interest document (the “EOI”) or subsequently provided to Applicant(s), whether in documentary or any other form, by or on behalf of BHEL or any of its employees or advisors, is provided to Applicant(s) on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided.

This EOI is not an agreement and is neither an offer nor invitation by BHEL to the prospective Applicants or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in the formulation of their application for qualification pursuant to this EOI.

BHEL also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Applicant upon the statements contained in this EOI.

The issue of this EOI does not imply that BHEL is bound to select and shortlist Applicants for next stage or to enter into any technology tie-up agreements with shortlisted Applicants for the Project.

The bidder shall bear all costs associated with the preparation, technical discussion/presentation and submission of bid, the Purchaser/Consultant shall in no case be responsible or liable for these costs regardless of the conduct or outcome of the bidding process.

Canvassing in any form by the Bidder or by any other agency on their behalf may lead to disqualification of their bid.

2. Schedule of Events

- (i) Tender Notification date : 28/7/2015
- (ii) Last date for receipt of Offers : 18/8/2015

3. Mode of Submission of Documents:

In sealed cover to be dropped in EPD tender box so as to reach the contact person on or before the date mentioned above. The cover shall be super-scribed with Reference number **BHEL-EPD/CPBG/EOI/2015-16/FES/01, REV 00 and the words “EXPRESSION OF INTEREST FOR FIELD ENGINEERING SERVICES FOR LV SWITCHGEAR PANELS”**(herein called as LV Switchgear) The documents as above should be submitted in a sealed envelope and should bear the name address and telephone number of the Applicant. The envelope should be addressed to :

DGM/CPBG

Electro Porcelains Division,

Bangalore, Karnataka, India, 560012”.

4. ABOUT BHEL:



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BHEL, an integrated power plant equipment manufacturer and one of the largest engineering and manufacturing companies in India in terms of turnover. It was established in 1964, ushering in the indigenous Heavy Electrical Equipment industry in India - a dream that has been more than realized with a well-recognized track record of performance. The company has been earning profits continuously since 1971-72 and paying dividends since 1976-77.

We are engaged in the design, engineering, manufacture, construction, testing, commissioning and servicing of a wide range of products and services for the core sectors of the economy, viz. Power, Transmission, Industry, Transportation (Railway), Renewable Energy, Oil & Gas and Defence. We have 16 manufacturing divisions, two repair units, four regional offices, eight service centres and 15 regional centres and currently operate at more than 150 project sites across India and abroad. We place strong emphasis on innovation and creative development of new technologies. Our research and development (R&D) efforts are aimed not only at improving the performance and efficiency of our existing products, but also at using state-of-the-art technologies and processes to develop new products. This enables us to have a strong customer orientation, to be sensitive to their needs and respond quickly to the changes in the market. The high level of quality & reliability of our products is due to adherence to international standards by acquiring and adapting some of the best technologies from leading companies in the world including General Electric Company, Alstom SA, Siemens AG and Mitsubishi Heavy Industries Ltd., together with technologies developed in our own R&D centres.

Most of our manufacturing units and other entities have been accredited to Quality Management Systems (ISO 9001:2008), Environmental Management Systems (ISO 14001:2004) and Occupational Health & Safety Management Systems (OHSAS 18001:2007).

We have a share of 57% in India's total installed generating capacity contributing 69% (approx.) to the total power generated from utility sets (excluding non-conventional capacity) as of March 31, 2013.

We have been exporting our power and industry segment products and services for over 40 years. BHEL's global references are spread across over 75 countries. The cumulative overseas installed capacity of BHEL manufactured power plants exceeds 9,000 MW across 21 countries including Malaysia, Oman, Iraq, the UAE, Bhutan, Egypt and New Zealand. Our physical exports range from turnkey projects to after sales services.

We work with a vision of becoming a global engineering enterprise providing solutions for a better tomorrow. To know more about BHEL visit: www.bhel.com

5. DESCRIPTION OF EOI:



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BHEL-EPD, Bangalore proposes to out source the field engineering services for LV Switchgear panels.

This EOI is published for seeking response from interested parties in this field, who are willing to be associated with BHEL-EPD, Bangalore for the above requirement.

The EOI process involves qualification of interested parties/ groups who make an application in accordance with the provisions of this EOI (the "Applicant"). At the end of this process, BHEL expects to short-list suitable pre-qualified Applicants and finalize the vendor list.

The EOI in 2 copies (original plus one) shall be submitted on or before Bid Submission date. EOI received after the due date for submission (and any extension thereof) will not be considered.

Any request for further information or clarification on the EOI document may be submitted in writing via mail to sm@bhelepd.com, bala@bhelepd.com, trinath@bhelepd.com and djkumar@bhelepd.com. BHEL may respond to the queries raised/clarifications sought to the best of its ability. However, no extension of the time or date of EOI submittal would be granted on the ground that BHEL has not responded to any query/clarification raised by any party. BHEL at its discretion may extend the due date for submission of EOI and the decision of BHEL in this respect would be final & binding on the Applicants.

No oral modification or interpretation of any provisions of this EOI shall be valid. Written communication shall be issued by BHEL regarding changes, clarifications or amendment to the EOI document, if any, is deemed necessary by BHEL at its sole discretion.

EOI submittals should be in English duly signed and sealed on each page of the documents by authorized representative. Emphasis should be on (a) conformance to EOI instructions; (b) responsiveness to the EOI requirements; (c) completeness and clarity of content.

BHEL is authorised to seek clarification at any stage of evaluation from the perspective bidders and same shall be furnished by the said bidder in reasonable time limit to complete the evaluation process.

EOI which is found to be incomplete in content and/or attachments and/or authentication etc. is liable to be rejected.

All technically qualified bidders after BHEL assessment will be empanelled as BHEL- Field Service Contractors for LV Switchgear.

6. INSTRUCTION TO APPLICANTS:

6.1 Qualifying Criteria

The applicant should meet following Qualifying criteria

1. Technical Criteria
2. Experience



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6.1.1 The Applicant for pre-qualification under the EOI may be (i) a single entity; or (ii) a **Group of Entities (“GOE”)** coming together to meet the scope of the EOI. The GOE shall elect one of their members as the lead member of the GOE. The term Applicant used herein would apply to both a single entity and the GOE. The technology transfer agreement would be entered into with the single entity applicant or the lead member of the GOE. The copy of agreement between participants of GOE shall be furnished to BHEL and it should be valid for at least the period mentioned in the agreement of EOI. The lead member of the GOE would be responsible to BHEL for the entire scope of work and shall ensure back to back tie ups with other members of the GOE.

6.1.2 An Applicant shall not have a conflict of interest that affects the EOI Process. Any Applicant found to have a conflict of interest shall be disqualified. An Applicant shall be deemed to have a conflict of interest if a constituent of such Applicant is also a constituent of another Applicant.

6.2 Right to accept or reject any or all Applications:

6.2.1 Notwithstanding anything contained in this EOI, BHEL reserves the right to accept or reject any Application and to annul the EOI Process and reject all Applications, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons therefore. In the event that BHEL rejects or annuls all the Applications, it may, at its discretion, invite all eligible Bidders to submit fresh Applications.

6.2.2 BHEL reserves the right to disqualify any Applicant during or after completion of EOI process, if it is found there was a material misrepresentation by any such Applicant or the Applicant fails to provide, within the specified time, supplemental information sought by BHEL.

6.2.3 BHEL reserves the right to verify all statements, information and documents submitted by the Applicant in response to the EOI. Any such verification or lack of such verification by BHEL shall not relieve the Applicant of his obligations or liabilities hereunder nor will it affect any rights of BHEL.

6.3 Documents to be submitted with EOI:

- i) Organisation chart of the Applicant/ Bidder.
- ii) Copy of Memorandum of Association or partnership deed;
- iii) Minutes of meeting made with customer or successful commissioning activity certificate from the customer.
- iv) Experience certificate of employees in LV Switchgear panels.
- v) Copy of Contract license.
- vi) Purchase bills or undertaking by the applicant/bidder stating that the list of tools mentioned in clause 8.6 are owned by the applicant/bidder.

6.4 The EOI process shall be governed by, and construed in accordance with, the laws of India and the Courts at New Delhi shall have exclusive jurisdiction over all disputes arising under, pursuant to and/ or in connection with the EOI process.

7. SCOPE OF APPLICANT/BIDDER:



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The following jobs are to be executed at BHEL sites located in various parts of India.

- 7.1 Modification of wiring and mounting of components as per the input drawings from BHEL-EPD.
- 7.2 Servicing of ACBs of all makes.
- 7.3 Parameterization and logic modification of Numerical Relays of all makes.
- 7.4 Modification of bus-bar (mechanical) as per site requirements.
- 7.5 The bidder has to provide necessary testing services after executing any of the above jobs.
- 7.6 The bidder shall submit a site report in the format specified by BHEL-EPD after completion of every job.

Note : For the point No. 7.2 & 7.3 mentioned above :

The bidder shall either have competent skilled employee or tie-up with an organization performing similar jobs in order to execute this job. In case of tie-up, necessary documents have to be furnished. If the bidder does not possess either employee or a tie-up and sub-contracts this job to third-party, the credentials of the third party to be submitted for approval to BHEL-EPD before executing the job. However, the bidder will be responsible for successful execution and completion of the job.

8. Pre-qualification criteria:

- 8.1 The bidder shall have an organisational strength of minimum 10 employees.
- 8.2 The bidder should have at least 2 Engineers (B.E), 2 Supervisors (Diploma or equivalent) and 6 Technicians.
- 8.3 All the employees mentioned above shall have at least two years experience in LV Switchgear Panels.
- 8.4 The bidder must submit at least three MoMs with customer or certificates from the customer , wherein it is stated that the site issue or commissioning activity is successfully completed.
- 8.5 The bidder shall have ESI, PF , Electrical Contract license and other statutory requirements like TIN, service tax registration etc
- 8.6 The bidder shall own the following list of tools (as on date) :

TOOLS

1	HEAT SHRINK GUN	BOSCH GHG 500-2 PROF.	HS	1
2	MULTIMETER	TAKUMI PALMISZE	MM	1
3	DIGITAL CLAMP METER	MASTECH M266 SERIES	DCM	1
4	MEEGER	RISHABH INSU20	MG	1
5	HT KIT 5KV		HT	1
6	INSULATED CRIMPING TOOL	ASWINI HT 960	ICT	1
7		VAPS YAC5	ICT	1
8	NON-INSULATED CRIMPING TOOL	3D	NICT	1
9	POWER CABLE CUTTER 25SQ.MM		PCC	1
10	PNUEMATIC GUN	SLI ST 553A	PG	1
11	TORQUE WRENCH 20 TO 100LBFT	TORQUE MASTER TM100R	TW	1
12	RATCHET KIT 8 TO 32MM	UNISON 4528MR02US	RK	1
13	DRILL GUN UPTO 10MM	BOSCH GSB10RE	DLG	1
14	DRILL GUN UPTO 13MM	HITACHI DB13VSS	DLG	1
15	JICKSAW 400W	SKIL 4170	JS	1
16	BATTERY OPERATED SCREW TIGHT GUN	DUROGOLD	BOS	1
17	BUSBAR/TRUF CUTTING MACHINE	HITACHI CC14STD	BCM	1
18	POWER CRIMPING TOOL 25 TO 75SQ.MM		PCT	1
19	TUBULAR SPANNER 7MM		TS	1
20	TUBULAR SPANNER 8MM			1
21	TUBULAR SPANNER 9MM			1
22	TUBULAR SPANNER 11MM			1
23	TUBULAR SPANNER 12MM			1
24	TUBULAR SPANNER 13MM			1
25	RING SPANNER 6-7MM		RS	1
26	RING SPANNER 8-9MM			3

27	RING SPANNER10-11MM			1
28	RING SPANNER12-13MM			1
29	RING SPANNER13-14MM			1
30	RING SPANNER16-17MM			1
31	RING SPANNER18-19MM			2
32	RING SPANNER20-22MM			1
33	OPEN SPANNER 6-7MM		OS	1
34	OPEN SPANNER 8-9MM			2
35	OPEN SPANNER10-11MM			2
36	OPEN SPANNER12-13MM			6
37	OPEN SPANNER13-14MM			1
38	OPEN SPANNER16-17MM			1
39	OPEN SPANNER18-19MM			1
40	OPEN SPANNER20-22MM			1
41	OPEN RING SPANNER 12-12MM		ORS	1
42	OPEN RING SPANNER 15-15MM			1
43	OPEN RING SPANNER 18-18MM			1
44	MALLET HAMMER		MH	1
45	TAPARIA SCREW DRIVER SET		SDK	2
46	6SQ.MM WIRE STRIPPER		WS	4
47	6SQ.MM SIDE CUTTER		SC	3
48	6SQ.MM POWER CABLE CUTTER		PCC	2
49	CONNECTOR 902		CN	12
50	CONNECTOR 912			3
51	CONNECTOR 211			3
52	CONNECTOR 825			1
53	ALLIGN KEY SET		AK	1