



BHARAT HEAVY ELECTRICALS LIMITED
(A GOVT. OF INDIA UNDERTAKING)
ELECTRONICS DIVISION
Site Office, HINDALCO Aditya Aluminium CPP,
Beside SH-10, P.O. Lapanga,
Sambalpur Dist., Odisha – 768 212

Notice Inviting Tender

for

**Work of Erection of Control Panels in Unit - 5 & 6 Control Room,
Remote I/O Rooms & Cooling Tower Area**

at

**HINDALCO Aditya Aluminium CPP,
Beside SH-10, P.O. Lapanga,
Sambalpur Dist., Odisha – 768 212**

Tender Enquiry No.: CE-ES/2014-15/14/HIL-Lapanga/C&I/BRV
Date: 26.08.2014

Last Date and Time for submitting Bid: 17.09.2014 / 14:30 Hrs.
Date & Time of Bid Opening: 17.09.2014 / 15:00 Hrs.

Sealed Tenders in single part are invited for the work of Erection of Control Panels at Unit-5 and Unit-6 of 6 x 150 MW Aditya Aluminium CPP as per the Scope of Work indicated and subject to the Terms and Conditions given below.

Scope of Work:

Control Panels of Size, Weight and Quantity specified herein are to be erected in Unit-5 and Unit-6 of Aditya Aluminium CPP, Lapanga.

Sl. No.	Description of Panel	Size along with Packing L x B x H (mm)	Size without Packing L x B x H (mm)	Net Weight (Kg)	Gross Weight (Kg)	Quantity (Nos.)
1	Single Suite Panels	950 x 1050 x 2700	750 x 800 x 2400	400	500	16
2	Double Suite Panels	1700 x 1050 x 2700	1500 x 800 x 2400	800	1000	9
3	Triple Suite Panels	2450 x 1050 x 2700	2250 x 800 x 2400	1200	1500	9

The detailed description of the above Panels and their Locations of Erection are indicated below. BHEL shall hand-over the Panels to the Contractor at the places mentioned in the Remarks Column of the Table. The Bidder's Scope of Work shall include Unpacking the Panels, Erecting them at specified Location and Connecting Earth Strips to all Panels and removing the Wooden packing (Scrap) to Dump-Yard as per instruction of BHEL-EDN Resident Engineer at Site.

Sl. No.	Panel	Location	Type of Panel	Remarks
1	CRE 53 # 5	0.2 meter Remote I/O Room Common for Unit-5 & 6.	Single Suite	Panels in packed condition will be handed over near the 0.2 meter RIO / Switchgear Room.
2	CRE 67 # 5		Single Suite	
3	CRE 53 # 6		Single Suite	
4	CRE 51,52 # 5		Double Suite	
5	CRE 69,70 # 5		Double Suite	
6	CRE 51,52 # 6		Double Suite	
7	CRE 69,70 # 6		Double Suite	
8	CRE 71, 72, 73 # 5		Triple Suite	
9	CAR 15	0.2 meter Switchgear Room, Unit # 5.	Single Suite	Panels in packed condition will be handed over near CT # 2 Building.
10	CAR 16		Single Suite	
11	CRE 68 # 5	CT # 2 Building.	Single Suite	
12	CRE 68 # 6		Single Suite	

Signature and Seal of Authorised Person of Bidder

Sl. No.	Panel	Location	Type of Panel	Remarks
13	CRE 65 # 5	ESP Remote I/O Room Common for Unit-5 and 6 @ 8.2 meter elevation of VFD Building.	Single Suite	Panels in packed condition will be handed over at Zero meter of VFD Building. Panels are to be lifted by Chain Pulley Arrangement to 8.2 meter by Bidder.
14	CRE 65 # 6		Single Suite	
15	SWAS Wet Panel	Unit # 5 SWAS Room @ 22 meter elevation.	Triple Suite	Panels in packed condition shall be handed over in TG Floor @ 11 meter of Unit # 5. Panels are to be lifted by Chain Pulley Arrangement to 22 meter by Bidder.
16	SWAS Dry Panel		Triple Suite	
17	ACDB 1	Unit # 5 Electronic Equipment Room @ 11 meter Elevation.	Single Suite	Panels in packed condition shall be handed over in TG Floor @ 11 meter of Unit # 5 by BHEL.
18	ACDB 2		Single Suite	
19	CRE 07		Single Suite	
20	CRE 19		Single Suite	
21	CRE 20		Single Suite	
22	NWPA 03		Single Suite	
23	HART Management System Panel # 5		Single Suite	
24	CRE 01, 02		Double Suite	
25	CRE 03, 04		Double Suite	
26	CRE 05, 06		Double Suite	
27	CRE 17, 18		Double Suite	
28	CRE 54, 55		Double Suite	
29	CRE 08, 09, 10		Triple Suite	
30	CRE 11, 12, 13		Triple Suite	
31	CRE 14, 15, 16		Triple Suite	
32	CRE 56, 57, 58		Triple Suite	
33	CRE 59, 60, 61		Triple Suite	
34	CRE 62, 63,64	Triple Suite		

Terms & Conditions

1 Qualifications of Bidders:

Only Bidders who have previous experience in the work of this nature and description detailed in this specification are expected to quote for this work. Offers from Bidders who do not have proven and established experience in the field are not likely to be considered.

Signature and Seal of Authorised Person of Bidder

2 DATA TO BE ENCLOSED:

Full information shall be given by the Bidder in respect of the following. Non submission of this information may lead to rejection of the offer.

2.1 **IN CASE OF AN INDIVIDUAL:** His full name, experience, address and nature of business.

OR

IN CASE OF PARTNERSHIP FIRMS: The names of all the partners with addresses and their experience. A copy of the partnership deed / instrument of Partnership duly certified by a Notary Public shall be enclosed.

OR

IN CASE OF COMPANIES: Date and place of registration including date of commencement certificate in case of public companies and the nature of business carried or by the Company. Certified copies of memorandum and Articles of Association are also to be furnished. Also indicate names, addresses and experience of the Directors.

2.2 **PREVIOUS EXPERIENCE:** A Statement giving particulars (duly supported by documentary evidence) of similar works carried out by the Bidder indicating the particulars and value of each work, the site location, the duration, date of completion etc.,

3 Security Deposit: 10% of total price of Work Order (including Taxes) is to be submitted towards Security Deposit by successful Bidder in the form of Pay-Order or Demand Draft in favour of BHEL, payable at Bangalore before commencement of Work. The Security Deposit will be refunded on successful completion of work along with the Final Bill.

4 Payment Terms: Payment will be made from BHEL-EDN, Bangalore through EFT on submission of Invoice after successful completion of work duly certified by BHEL-EDN Resident Engineer at Site. The process of forwarding the Invoice from Site Office to BHEL-EDN Bangalore, processing of Invoice and release of payment may take approximately 45 days from the date of receipt of Invoice by BHEL-Resident Engineer.

5 Labours employed at site should be covered under Workmen Compensation Insurance Policy.

6 The Bidder shall abide all statutory norms of Labour Law followed at Site.

7 The Bidder shall take care of Safety of all workmen including Supervisor and Engineer, like wearing of Safety helmet, safety shoes; safety goggles to be worn by the welder etc.,

8 Validity of Offer: The offer should be valid for a period of minimum 60 days from the last date of submission of Offer.

Signature and Seal of Authorised Person of Bidder

- 9 Mobilisation of Man-Power and Completion of Work:** Work has to be started within 7 days of mobilisation request from Resident Engineer, BHEL-EDN Site Office, Aditya Aluminium CPP, Lapanga. In case of non-availability of all the work fronts at one stretch, Resident Engineer may request the successful Bidder to mobilise and carry out the work in two or more phases.
- 10 This Tender Document duly signed by the Bidder in all Pages and Quotation as per the Rate Schedule enclosed (Page: 6) shall be submitted or sent by post before **17/09/2014, 14:30 Hrs.** in a Sealed Envelope, super scribed with Ref No.: CE-ES/2014-15/14/HIL-Lapanga/C&I/BRV to -

Resident Engineer,
BHEL-EDN Site Office,
HINDALCO Industries Ltd.,
Unit: Aditya Aluminium, CPP Division,
Post: Lapanga, Beside S H - 10,
District: Sambalpur, Odisha – 768 212.

- 11 The Bids shall be opened at BHEL-PSSR Site Office, Aditya Aluminium CPP, Lapanga on **17/09/2014 at 15:00 Hrs.** The Interested Bidders may witness the same.
- 12 The mandatory documents (Full information of the Firm and proof of previous work experience) shall be submitted along with sealed envelope or shall be sent by email to bharathram@bheledn.co.in. For any queries, please contact the mentioned email ID.

Rate Schedule

Sl. No.	Description of Item	Quantity (Nos.)	Rate per Panel (Rs.)	Amount (Rs.)	Amount in Words
1	Single Suite Panels	16			
2	Double Suite Panels	9			
3	Triple Suite Panels	9			
Total Amount (Rs.)					

Note:

- 1. The above rates quoted are exclusive of Service Tax and Service Tax shall be paid extra at prevailing rates.*
- 2. The Rates shall be entered in figures as well as in words. In case of difference in rates between words and figures THE LESSER OF THE TWO will be treated as valid rate.*

Signature and Seal of Authorised Person of Bidder