

Pre-Qualification requirements for Lifting device C-hook
(W90312039069, BHEL Drawing No.-11203930500)

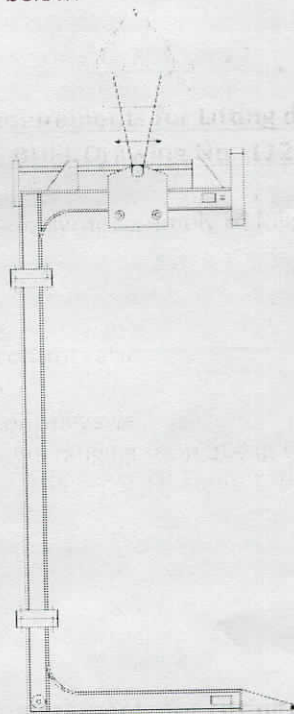
Broad details of item:

Lifting device C-hook is used for lifting & assembly/disassembly of following steam turbine components and maintenance work at power plant:

- i. Valve insert of HP control valve
- ii. Valve insert of IP control valve
- iii. Threaded rings of HP stop valve, HP control valve
- iv. Yokes of HP stop valve, HP control valve
- v. Pipe wrenches of HP stop valve, HP control valve

Above components are having different weights ranging from 300kg to 7100 Kg and based on different load conditions and dimensional limitations as per BHEL specifications, C-hooks and lifting attachments are to be designed & supplied by the vendor.

For operation of multiple loads, C-hook with chain pulley block & reel drive for adjusting the CG shall be required. Typical sketch of C-hook is given below.

**Mandatory requirement for Pre-qualification:**

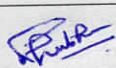

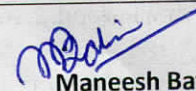
Sl. No.	Pre-qualification requirements	Vendor's Response
1.	The vendor should have experience of design, manufacturing & supply of at least 1 no. C-hook for any industrial application, meeting following minimum requirements during last 7 years from the date of issuance of enquiry. C-Hook (adjustable) having chain pulley block & reel drive with screw: Working load limit of 4.2 Tons or above. The vendor to confirm.	

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	In support of above, the vendor to furnish information, in following format for previous supplied C-hook meeting minimum requirement mentioned at sl. no. 1 during last 7 years from the date of issuance of enquiry.					
	C-Hook type	Customer name with contact details	Purchase order no. and date	Date of supply	WLL	Quantity
2.	<p>The vendor to also submit following supporting documents of supplied C-hook referred above:</p> <p>a. Purchase order copy.</p> <p>b. Test certificates (for load & material test).</p> <p>c. Dispatch documents having correlation with PO.</p> <p>d. GA drawing & datasheet.</p> <p>The vendors who have supplied C-hooks meeting minimum requirement mentioned at sl. no. 1 earlier to BHEL, Haridwar may inform P.O. nos. only.</p>					
3.	The vendor to confirm that they have the capability of manufacturing of 'Fixed type C-hooks' for working load limit of 7.1 Tons or above and 'Adjustable type C-hooks (with chain pulley block & reel drive)' for working load limit of 4.2 Tons or above.					
4.	The vendor to confirm that they have all the in-house facilities for testing of 'Fixed type C-hooks' for working load limit of 7.1 Tons or above and 'Adjustable type C-hooks (with chain pulley block & reel drive)' for working load limit of 4.2 Tons or above. If the vendor intends to outsource any testing activity, particulars of the same along with details of outsourcing facility to be furnished to BHEL.					

Notes: -

- Against vendor's replies, BHEL reserves the right to ask for more information/documents.
- Vendor's offer shall not be considered, if vendor fail to furnish the document/information and doesn't meet the acceptance criteria as mentioned above.
- In case information furnished by the vendor found false/incorrect, BHEL reserves the right to reject their offer.

Prepared by	Checked by	Approved by
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