

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)
Project Engineering & Systems Division
Ramachandrapuram, Hyderabad-502032

JOB: PROVIDING SERVICES OF 800 MT CRAWLER MOUNTED LATTICE BOOM CRANE WITH LUFFING JIB AND HEAVY LIFT ATTACHMENT (HLA) ON MONTHLY HIRING BASIS AT 525TPD STANDBY SULFUR RECOVERY UNIT (SRU), IOCL PARADIP, ODISHA

APPENDIX-A TECHNICAL SPECIFICATIONS

Name Of the Bidder	
Total Nos of Offered Crane Models	

Instruction to Bidder:-

This workbook has separate sheets for offering cranes. Bidder may one or more cranes.

Technical specification of the offered cranes(s) shall be filled by the bidders in the subsequent worksheets of this file

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APPENDIX-A TECHNICAL SPECIFICATIONS				
Name of the bidder				
TECHNICAL SPECIFICATION DETAILS OF OFFERED LATTICE CRANE				
(TO BE FILLED BY BIDDER SEPARATELY FOR EACH OFFERED MODEL) TECHNICAL DETAILS OF OFFERED 800 MT AND ABOVE CRAWLER MOUNTED LATTICE BOOM CRANE.				
Sl No	DESCRIPTION	BHEL REQUIREMENT	AS BEING OFFERED BY BIDDER	SUPPORTING DOCUMENT REFERENCE
1	Name of crane manufacturer	Required		
2	Crane model no.	Required		
3	Year and Month of Manufacturing	Required		
4	Rated capacity of crane in MT as per load chart (Basic boom at minimum operating radius).	800MT or above		
5	Boom and Jib construction	LATTICE BOOM		
6	Total Boom Length (Main Boom+ Fly Jib)	Main Boom 80 Mtr and luffing Jib 60 Mtr (Total 140Mtr)		
7	Jib Type	Luffing Jib		
8	Jib Angle	88 degree		
9	Jib Length	60 Meter or above		
10	Distance from center point of rotation to outer portion of crane (rear)	15 Mtr.		
11	Heavy Lift Attachment (HLA)	Required		
12	LIFTING CAPACITY OF HOOK BLOCKS IN MT			
12.a	1 no. of 50-70 MT Lifting capacity	Yes		
12.b	1 no. of 20-30 MT Lifting capacity	Yes		
12.c	1 no. of ball hook/single line hook block of 5-10 MT Lifting capacity	Yes		
12.d	1 no. of 500MT Lifting Capacity	Yes		
13	Safety Devices	Required		
13.a	Cut off devices when exceeding excessive load moment	Required		
13.b	Main Hoist, Jib Hoist & Boom Hoist Limit switch	Required		
13.c	Safety valve against pipe and hose rupture in case of hydraulic crane	Required		
13.d	Load Moment indicator (LMI)	Required		
14	Offered crane model is in possession of the bidder and is available for immediate deployment (if work is awarded to the bidder). (Yes/No)	Yes		
15	Manufacturing year for crane model offered will not be more than 25 years as on the latest date of offer submission. (Submit Documentary evidence for the same). The same document shall also be furnished at site at the time of deployment (Yes/No)	Yes		
16	Crane Load Chart Enclosed	Required		
17	Crane Product Catalogue Enclosed	Required		
18	Copy of latest test certificate Enclosed	Yes		
Note	1. Bidder are required to fill up the details sl. No. 1 to 18			
	2. Bidder to furnish documentary evidence for all the details filed up. Bidder to note that their respective models shall be considered by BHEL only if all the minimum requirements are fulfilled.			
	3. Use additional sheet of this annexure sheet if required.			