

Appendix A-Technical Specification

SN	DESCRIPTION	BHEL's REQUIREMENT AS PER TCC
1	Name of crane manufacturer	Required
2	Crane model no.	Required
3	Rated Capacity of Crane (with Basic Boom at Minimum Operating Radius) without Heavy Lift Attachment	250 MT or above
4	Boom & Jib Construction	Telescopic
5	Total Main Boom Length	70 meter or above
6	Jib Type	Fix Jib
7	Jib Length & Jib angle	24 mtr, Min. 2 Angle (like 0 deg, 20 deg & 40 deg)
8	Critical/Specific Weight Lifting Requirement	35 MT @ 20 Mtr Radius, under hook height 30 Mtr (Dimension of Job (LxWxH): 5Mx6Mx12M Tentative elevation of top of job: 24-26 mtr)
9	Heavy lift Attachment (HLA)	No
10	LIFTING CAPACITY OF HOOK BLOCKS IN MT	
10.a	1 no. of 50-150 MT lifting capacity	Required
10.b	1 no. of 15-50 MT lifting capacity	Required
10.c	1 no. ball hook i.e. 10-15 MT	Required
11	Safety Devices	Required
11.a	Cut off devices when exceeding excessive load moment	Required
11.b	Main Hoist, Jib Hoist & Boom Hoist limit switch	Required
11.c	Travelling & Swing Flasher/Warning Buzzer.	Required
11.d	Load Moment indicator (LMI)	Required
11.e	Headlight and tail light must be available and in working condition.	Required
11.f	Safety valve against pipe and hose rupture in case of hydraulic crane	Required
12	Option for Crane model offered.	Yes / No
13	Crane Load Chart Enclosed	Required
14	Crane Product Catalogue Enclosed	Required
NOTE	1. Bidders are required to fill up the details against sl. no. 1 to 14. 2. Bidders to furnish documentary evidence for all the details filled up. Bidders 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 if required.	