



Specification for Radio Remote Control

Clause No	Description	Vendor's Acceptance /Remarks
1.0	GENERAL DESCRIPTION: This specification covers the supply of Radio Remote Control system (including erection & commissioning) for cranes in CFFP, BHEL Haridwar	
2.0	TECHNICAL PARAMETERS:	
2.1	Type	Hand held push button type.
2.2	Application	For controlling the operations of the crane from a radio frequency based remote control system.
2.3	The system should fulfill the following requirements:	
2.3.1	Keys for performing <u>at least</u> the following functions:	a. Start b. Main Hoist – Up/down c. Aux. Hoist – Up/down d. Cross travel – Left/right e. Long Travel – Left/right f. Emergency stop•
2.3.2	Remote to have alkaline batteries	2 nos. of suitable size or as applicable for running the remote.
2.3.3	Receiver and interface panel	With suitable connection. In case of wire, the length of wire should be sufficient to be fit on application cranes. Both the receiver and the panel should be provided with suitable cover to work in environments of heat and dust. (Vendors are encouraged to visit CFFP for the purpose of checking the environment in which the remote control is to be deployed.)
2.3.4	O&M Manual	Soft copy in CD & Hard copy.
2.3.5	Drawings	Soft copy in CD & Hard copy.
2.3.6	Operating Range	100 m
3.0	PERFORMANCE GUARANTEE / WARRANTY: The performance of the radio remote control shall be guaranteed for a minimum period of 12 months from the date of acceptance at CFFP /BHEL.	