

BOQ for 50T Crane		Doc No:	PE-PF-421-563-A501B	
		Rev No:	0	
		Date of issue	Mar-18	
NAME OF PROJECT:		2X660 MW MAITREE KHULNA		
NAME OF PACKAGE:		HYDRAULIC MOBILE CRANE		
TECHNICAL SPECIFICATION:		PE-TS-421-563-A501		
S. No.	DESCRIPTION	UNIT	QTY	HSN Codes
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY PART & SERVICES PART comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables till warranty period, along with spares for erection, startup and commissioning as required, operational (initial) spares, forwarding, sea-worthy packing, shipment and delivery as specified in BHEL NIT, supervision of crane assembly and training of customer O&M staff, load testing, travel charge etc. for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order in line with drawings/ documents/ test procedures approved by BHEL/ Customer for HYDRAULIC MOBILE CRANE as per details in different sections / volumes of this specification.	Lot	1	
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.			
2.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY PART comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables till warranty period, along with spares for erection, startup and commissioning as required, operational (initial) spares, forwarding, sea-worthy packing, shipment and delivery as specified in BHEL NIT for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order in line with drawings/ documents/ test procedures approved by BHEL/ Customer for HYDRAULIC MOBILE CRANE as per details in different sections / volumes of this specification. (Break-up as per Annexure-A)	Lot	1	84261900
2.2	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICES PART comprising of supervision of crane assembly at site and training of customer O&M staff, load testing of crane at site including cost of operator, accommodation, food, local conveyance, travel charge etc. for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order in line with drawings/ documents/ test procedures approved by BHEL/ Customer for HYDRAULIC MOBILE CRANE as per details in different sections / volumes of this specification. (Break-up as per Annexure-B)	Lot (5 days and 1 visit)	1	998732
Note: 1.) PG to consider and suitably incorporate taxes, duties and other commercial aspects. 2) Bidder to quote the Prices in 'figures' along with corresponding 'words'. 3) Prices quoted at sl no. 2.2 shall be valid till the completion of warranty as per BHEL NIT.				
Particulars of bidder / authorised representative				
Name	Designation	Signature	Date	Company Seal

ANNEXURE-A		Doc No:	PE-PF-421-563-A501B		
		Rev No:	0		
		Date of issue	Apr-18		
NAME OF PROJECT:		2X660 MW MAITREE KHULNA			
NAME OF PACKAGE:		HYDRAULIC MOBILE CRANE			
TECHNICAL SPECIFICATION:		PE-TS-421-563-A501			
S. No.	DESCCRIPTION	UNIT	QTY	HSN Codes	
	BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF MAIN SHEET.				
2.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY PART comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables till warranty period, along with spares for erection, startup and commissioning as required, operational (initial) spares, forwarding, sea-worthy packing, shipment and delivery as specified in BHEL NIT for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order in line with drawings/ documents/ test procedures approved by BHEL/ Customer for HYDRAULIC MOBILE CRANE TYPE-II (Lifting capacity: 50T) as per details in different sections / volumes of this specification.	Lot	1	84261900	
2.1.1a	Total lumpsum price for one (1) no. crawler mounted HYDRAULIC MOBILE CRANE-TYPE-II (Lifting capacity : 50T) with basic main boom length	Lot	1	84261900	
2.1.1b	Total lumpsum price for additional main boom of length required to complete the total boom length as 40 m (i.e. basic boom length against clause no. 2.1.1a above+ additional boom in 2.1.1b = 40 m boom length)	no.	1	84314920	
2.1.1c	Total lumpsum price for fly jib of 10 mtr. (minimum)	Lot	1	84314920	
2.1.1d	Total lumpsum price for operational spares as per annexure-C	set	1	84314920	
2.1.2	E&C spares (as applicable)	set	1	84314920	
2.1.3	Maintenance tools & tackles (as applicable)	set	1	84314920	
Note: 1.) PG to consider and suitably incorporate taxes, duties and other commercial aspects. 2) Bidder to quote the Prices in 'figures' along with corresponding 'words'. 3) Prices for change any change in boom length for main boom and fly jib (if required) shall be adjusted based on prices quoted by bidder against sl no. 2.1.1 b & 2.1.1c respectively.					
Particulars of bidder / authorised representative					
Name	Designation	Signature	Date	Company Seal	

ANNEXURE-B		Doc No:	PE-PF-421-563-A501B		
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		Date of issue	Apr-18		
NAME OF PROJECT:		2X660 MW MAITREE KHULNA			
NAME OF PACKAGE:		HYDRAULIC MOBILE CRANE			
TECHNICAL SPECIFICATION:		PE-TS-421-563-A501			
S. No.	DESCCRIPTION	UNIT	QTY	HSN Codes	
	BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF MAIN SHEET.				
2.2.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SERVICES PART comprising of supervision of crane assembly at site and training of customer O&M staff, load testing of crane at site including cost of operator, accommodation, food, local conveyance etc. for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order in line with drawings/ documents/ test procedures approved by BHEL/ Customer for HYDRAULIC MOBILE CRANE TYPE-II (Lifting capacity: 50T) as per details in different sections / volumes of this specification.	days	5	998732	
2.2.2	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for travelling charge (to and fro fare)	No.	1	998732	
Note: 1) PG to consider and suitably incorporate taxes, duties and other commercial aspects. 2) Bidder to quote the Prices in 'figures' along with corresponding 'words'. 3) Any increase/decrease in no. of days for completion of various services under scope of this tender (based on actual site requirement), unit rate per man day shall be deduced from prices quoted against sl no. 2.2.1 above and payment shall be made for actual days used for completion of services. 4) Incase more than one visit is required, additional payments shall be made based on the prices quoted against sl no. 2.2.2 above					
Particulars of bidder / authorised representative					
Name	Designation	Signature	Date	Company Seal	

ANNEXURE-C

NAME OF PROJECT:	2X660 MW MAITREE KHULNA
NAME OF PACKAGE:	HYDRAULIC MOBILE CRANE (50T)
TECHNICAL SPECIFICATION:	PE-TS-421-563-A501
DOC. NO.	PE-PF-421-563-A501B

List of operational spares

Sl.no	Description	Total quantity required	Unit	HSN Codes	Remarks
1	2	3	4	5	6
1	Hydraulic element	1	set	84314920	
2	O ring	1	set	84314920	
3	Strainer	1	set	84314920	
4	Oil filter	2	nos.	84314920	
5	Filter element	2	nos.	84314920	
6	Fuel element	1	no.	84314920	
7	Switches	1	set	84314920	
8	Toggle switch	1	set	84314920	
9	Cartridge	1	set	84314920	
10	Rubber cap	1	set	84314920	
11	Grommet	1	set	84314920	
12	Accelerator assembly	1	set	84314920	
13	Thermo switch	1	no.	84314920	
14	Gauge	1	no.	84314920	
15	Pressure switch	1	no.	84314920	
16	Oil alarm	1	no.	84314920	
17	Indicator(s)	1	set	84314920	
18	Horn	1	no.	84314920	
19	Battery relay	1	set	84314920	
20	safety relay	1	set	84314920	
21	Light assembly	1	set	84314920	
22	swing lamp assembly	1	set	84314920	
23	Pressure sensor	1	no.	84314920	
24	switch assembly	1	set	84314920	
25	limit switch	1	no.	84314920	
26	fuse	1	set	84314920	
27	wiper blade	1	set	84314920	
28	hose	1	no.	84314920	
29	clamp	1	set	84314920	
30	bearing	1	set	84314920	
31	bushing	1	set	84314920	
32	floating seat	1	set	84314920	
33	V belt	1	set	84314920	
34	guide	1	set	84314920	
35	inlet valve	1	set	84314920	
36	exhaust valve	1	set	84314920	
37	Cylinder o ring	1	set	84314920	
38	seal valve stem	1	no.	84314920	
39	Nozzle tip	1	set	84314920	
40	Thermo stat kit	1	set	84314920	
41	Gasket kit	1	set	84314920	
42	Any other item required for 2 years of operation			84314920	
Total					

Note:

- 1.) PG to consider and suitably incorporate taxes, duties and other commercial aspects.
- 2.) Bidder to quote the Prices in 'figures' along with corresponding 'words'.
- 3) One set= 100% requirement for one crane
- 4) If any of the items of spares ordered is found to be not applicable for the design offered by the bidder during detailed engineering stage/execution stage, the bidder will have to supply alternative/equivalent items of spares.
- 5) Any item which is indicated as "not applicable" by the bidder in their bid in the above list and is found to be "applicable" at a later date shall be supplied by the Vendor without any extra cost.
- 6) The lists of spares indicated are for the type equipment generally used in thermal power plants. If the design or type of equipment proposed by the bidder is different, then the bidder shall suit the spares list according to the type of equipment. However, the numbers or quantity of spares, indicated shall not be reduced.
- 7) Any change or variation in equipment or systems during detailed engineering stage which would cause changes / variations in the essential spares quantity, shall be supplied by Vendor without any commercial implications.

Date: _____

Bidder's / bidder's representative signature

Company Seal