

BOQ-Cum PRICE SCHEDULE

NAME OF PROJECT:-1X800 MW WANAKBORI STPP
NAME OF PACKAGE:-SINGLE GIRDER EOT / HOT MISC. CRANE
TECHNICAL SPECIFICATION:-PE-TS-408-524-A002
ENQUIRY No.:-PE/PG/WAN/E-5778/2017 dtd. 28.11.2017

S. No.	DESCRIPTION	HSN CODE	UNIT	QTY	Total Ex-Work Price (Rs.)	Freight Charges (Rs.)	GST@... (on Ex-works Price + Freight Chrges) (Rs.)	Type of GST (IGST/CGST+SGST/UGST)	Total F.O.R Site Price (Rs.)
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY PART & MANDATORY SPARES 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, mandatory spares (if applicable) alongwith spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site 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.		Lot	1					
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.								
2.1	Prices 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, alongwith spares for erection, startup and commissioning spares as required, forwarding, proper packing, shipment and delivery at site for project and package specified above complete with all accessories for following items for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order. (Break-up of prices as per Annexure I)	84261100/ 84314920	Lot	1					
2.2	Total lumpsum firm price inclusive of all prevailing taxes, duties and other levies for Mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Price break up of mandatory spares is to be furnished as per Annexure-II).	84314920	Lot	1					

Handwritten signature
(28/11/17)

S. No.	DESCRIPTION	HSN CODE	UNIT	QTY	Total Ex-Works Price (Rs.)	Freight Charges (Rs.)	GST@... (on Ex-works Price + Freight Charges) (Rs.)	Type of GST (IGST/CGST+SGST/UGST)	Total F.O.R Site Price (Rs.)
2.1	BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF MAIN SHEET.								
	Break up of Prices 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, alongwith spares for erection, startup and commissioning spares as required, forwarding, proper packing, shipment and delivery at site for project and package specified above complete with all accessories for following items for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.		Lot	1					
2.1.1 (a)	For: JACKWELL PUMP HOUSE (INDOOR) Type: Single Girder Under Slung Crane Capacity: 10T Span: 6.2 m Lift: 41 m Baylength: 6.5 m	84261100	No.	1					
2.1.1 (b)	PVC Shrouded bus bar type DSL complete with all accessories for complete baylength	84261100	Lot	1					
2.1.1 (c)	VVVF Drives	84261100	Set	1					
2.1.1 (d)	COMMISSIONING SPARES	84314920	Set	1					
2.1.2	Maintenance tools and tackles	84314920	set	1					

Note:

- Prices mentioned against clause no. 2.1.1 (b) above will be taken for price adjustment due to change in baylength, if any, during detailed engineering.
- Bidder to note that there shall be no implication for change in lift and/or span upto (+/-)1000 mm.

Handwritten signature and date 28/11/17

NAME OF PROJECT:-1X800 MW WANAKBORI STPP
NAME OF PACKAGE:-SINGLE GIRDER EOT / HOT MISC. CRANE
TECHNICAL SPECIFICATION:-PE-TS-408-524-A002
ENQUIRY No.:-PE/PGWAN/E-5778/2017 dtd. 28.11.2017

Annexure-II

Sl. No.	Description	UNIT	QTY	HSN code (84314920)	Total Ex- Works Price (Rs.)	Freight Charges (Rs.)	GST@... (on Ex- works Price + Freight Chrges) (Rs.)	Type of GST (IGST/CGST+ SGST/UGST)	Total F.O.R Site Price (Rs.)
2.2	BREAK-UP OF SUPPLY PRICES GIVEN IN 2.2 OF MAIN SHEET.								
2.2.1	MANDATORY SPARES								
2.2.1.1	One set consisting of 2 nos. bearing for:								
	a) CT wheel	set	1						
	b) LT wheel	set	1						
2.2.1.2	One set consisting of 2 nos. brake linings with rivets for :								
	a) MH brake	set	1						
	b) CT brake	set	1						
	c) LT brake	sets	2						
2.2.1.3	One set consisting of 2 nos. brake shoes with lining for :								
	a) MH brake	set	1						
	b) CT brake	set	1						
	c) LT brake	sets	2						
2.2.1.4	One set consisting of 6 nos. carbon brushes for :								
	a) MH motor	set	1						
	b) CT motor	set	1						
	c) LT motor	sets	2						
2.2.1.5	One set consisting of 3 nos. brush holders for :								
	a) MH motor	set	1						
	b) CT motor	set	1						
	c) LT motor	sets	2						
2.2.1.6	Fixed and moving contacts for each type of contactor								
2.2.1.7	No volt coil for each type of contactor	set	1						
2.2.1.8	Overload relay for								
	a) MH motor	No.	1						
	b) CT motor	No.	1						
	c) LT motor	Nos.	2						
2.2.1.9	Motor bearings								
	a) MH motor	Nos.	2						
	b) CT motor	Nos.	2						
	c) LT motor	Nos.	4						
2.2.2	Bearing for								
	a) MH Main Pulley	Nos	2						
	b) MH Eq. Pulley	Nos	2						
2.2.3	Electrical Items								
	415 Volt Motor (Upto 30 KW Rating)								
	Driving End & Non-Driving End Bearing								
	Cooling Fan								
	Motor Terminal Block								

84314920

(Signature)
28/11/17

	Complete Set of Coupling	1 Set of each application
2.2.4	C&I Items	
	Push Button	
	Complete Assembly	5 Nos of each colour
	Contact Element (1NO+1NC) Block	20 Nos.
	Selector Switch	10 Nos of each type and rating
	Meter (Analog or digital)	
	Ammeter	10% for each type & range or minimum 1 no. whichever is more
	Voltmeter	10% for each type & range or minimum 1 no. whichever is more
	Frequency	10% for each type & range or minimum 1 no. whichever is more
	MW	10% for each type & range or minimum 1 no. whichever is more
	MVAR	10% for each type & range or minimum 1 no. whichever is more
	Power Factor	10% for each type & range or minimum 1 no. whichever is more
	Synchroscope	10% for each type & range or minimum 1 no. whichever is more
	Indicating Lamps complete assembly	10 Nos. of each colour & type
	Mimic Lamps	10 Nos. of each colour & type
	MCB	2 Nos. for each type and rating
	Door limit Switch	2 Nos.
	Annunciation System	
	Lamp Box with Facia & Lamps (LED Type)	25 Nos
	Hooter	1 No.
	Each Type of PCB (for non-PLC driven system)	1 No.

84314920

- Note: 1) Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification apart from specified above, same shall be deemed to have been covered in bidders scope of supply.
- 2) 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.
- 3) All essential spares shall be supplied as per the requirement of the specifications. In case any spare indicated in the specification is not applicable for particular equipment then suitable applicable alternate spare have been offered / shall be supplied without any financial implication.
- 4) 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.
- 5) For quantities indicated in percentage, fractions are to be rounded-off to next higher integer.
- 6) Any item which is "not applicable" in the above list and is found to be "applicable" at a later date shall be supplied by the Vendor without any extra cost.
- 7) If any of the items of spares/tools & tackles ordered is found to be not applicable during detailed engineering stage/execution stage, the contractor will have to supply alternative items of spares/tools & tackles. The alternative items of spares/tools & tackles are to be mutually agreed between the PURCHASER and VENDOR

(14/11/22)
Rajendra Singh