

Tender Inviting Authority: Bharat heavy Electricals limited-Project Engineering Management, Noida

Name of Work: SINGLE GIRDER EOT/HOT MISC. CRANES for 5x800 MW YADARI TPS

Tender enquiry no.: PE/PG/YAD/E-6606/2020 dated 16/02/2021

Notes for Supply Part:-

- 1) Prices mentioned against Sl no. 5,8,11,14,17,20,21,24,25,28,31,34,35, 38,39, 42, 43, 53,54,57, & 58 will be taken for price adjustment due to change in baylength, if any, during detailed engineering.
- 2) Bidder to note that there may be change in lift and/or span upto (+/-)500 mm during detailed engineering for cranes listed at sl no. 19, 30, 33, 37, 41, 52 & 56.
- 3) Commissioning spares listed for each capacity of crane should be suitable for all variant of cranes (such as semi gantry, under slung, EOT, Gantry) of same capacity. Any variation in no. of sets of commissioning spares shall be adjusted with unit rate quoted for each set.
- 4) Maintenance tools & tackles listed for each capacity of crane should be suitable for all variant of cranes (such as semi gantry, under slung, EOT, Gantry) of same capacity. Any variation in no. of sets of Maintenance tools & tackles shall be adjusted with unit rate quoted for each set.

Notes for Supervision of E&C:-

1. No. of days at site defined at Sl.No. 66 shall be calculated on the basis of presence at site (travel time is excluded).
2. No. of Visits and days for supervision of E & C shall depends upon site requirement. Any variation in no. of visits and no. of days shall be exercised based on unit rate arrived from Sl.No. 65 & 66 respectively.

Notes for Mandatory Spares:-

1. Mandatory spares listed above are 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 bidder's scope of supply.
2. "One (1) Set" and "One (1) set of each type & rating" is defined as total numbers as required for one complete replacement for one equipment of similar size & capacity.
3. In case any spare indicated in the specification is "not applicable" for particular equipment, then suitable applicable alternate spare shall be supplied by the bidder without any financial implication."
4. For quantities indicated in percentage, fractions are to be rounded-off to next higher integer.
5. Bidder to write "Quoted / Not Applicable" against all items. Any item which is quoted as "not applicable" by the bidder in the above list and is found to be "applicable" at a later date shall be supplied by the bidder without any commercial and delivery implication.
6. Any cell left blank in the unpriced schedule shall be treated as "Quoted" and is included in total price.
7. Bidder to note that even though there may be some spares which are repetitive at various sl.no mentioned above, bidder to ensure that prices are quoted against each sl.no. In case any cell is left blank in the unpriced schedule shall be treated as "quoted" and included in total price.
8. For additional notes, refer Annexure-E of Mandatory spares in tender technical specification. (please check annexure of spec)
9. Any variation in number of set of mandatory for particular type/ capacity during detailed engineering shall be exercised with reference to price quoted by successful bidder. Further any addition/ deletion in listed mandatory spares during detailed engineering shall also be exercised with reference to price quoted by successful bidder.
10. Mandatory spares listed above are for all cranes listed under Stage-1 & Stage-2 in "Supply Part". So, there is no bifurcation of mandatory spares with respect to Stage-1 and Stage-2.

Name of the Bidder/ Bidding Firm / Company :														
PRICE SCHEDULE														
Sl. No.	Item Description	Quantity	Units	Unit (Ex-works) price in Rs.	Total (Ex-works) price in Rs.	Freight rate in %	Freight Amount,as applicable in Rs.	Total PRICE (EX-WORKS + FREIGHT, as applicable) in Rs.	GST type	GST rate in %	GST amount in Rs.	HSN code	Total FOR site Price in Rs.	Total FOR site Price In Words
1	2	4	5	13	14	15	16	17	18	20	21	23	53	55
2	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 (from Sl No 3 to 63)													
3	Stage-1 Quantities													
4	For: AIR COMPRESSOR HOUSE- STAGE-I (INDOOR) Type: Single Girder underslung Crane Capacity: 8 T Span: 10.3 m Lift: 5.9 m Baylength: 32.3 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
5	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
6	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
7	For: AIR COMPRESSOR HOUSE STAGE-II (INDOOR) Type: Single Girder underslung Crane Capacity: 8 T Span: 12.3 m Lift: 5.9 m Baylength: 36.85 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
8	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
9	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
10	For: DG BUILDING-1&2 (INDOOR) Type: Single Girder underslung Crane Capacity: 10 T Span: 13.55 m Lift: 6.377 m Baylength: 27.04 m (for each crane)	2	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
11	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength (for each crane)	2	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
12	VVVF Drives for hoisting motion	2	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
13	For: DG BUILDING-3 (INDOOR) Type: Single Girder underslung Crane Capacity: 10 T Span: 13.55 m Lift: 6.377 m Baylength: 19 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
14	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
15	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
16	For: RAW WATER PUMP HOUSE (INDOOR) Type: Single Girder underslung Crane Capacity: 5 T Span: 5.8 m Lift: 16 m Baylength: 29.3 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
17	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
18	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
19	For: OUTSIDE RAW WATER PUMP HOUSE (OUTDOOR) Type: Single Girder SEMI-GANTRY Crane Capacity: 5 T Span: 2.9 m Lift: 13 m Baylength: 29.3 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
20	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
21	Rail complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
22	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only

Sl. No.	Item Description	Quantity	Units	Unit (Ex-works) price in Rs.	Total (Ex-works) price in Rs.	Freight rate in %	Freight Amount,as applicable in Rs.	Total PRICE (EX-WORKS + FREIGHT, as applicable) in Rs.	GST type	GST rate in %	GST amount in Rs.	HSN code	Total FOR site Price in Rs.	Total FOR site Price In Words
1	2	4	5	13	14	15	16	17	18	20	21	23	53	55
23	For: RAW PUMP HOUSE SCREEN & GATE HANDLING (OUTDOOR) Type: Single Girder GANTRY Crane Capacity: 5 T Span: 4.5 m Lift: 11.2 m Baylength: 20.5 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
24	Cable Reeling Drum (CRD) complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
25	Rail complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
26	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
27	For: CLARIFIED WATER PUMP HOUSE (INDOOR) Type: Single Girder underslung Crane Capacity: 5 T Span: 5.6 m Lift: 12.8 m Baylength: 79.25 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
28	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
29	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
30	For: FIRE WATER PUMP HOUSE (INDOOR) Type: Single Girder underslung Crane Capacity: 5 T Span: 6.3 m Lift: 4.5 m Baylength: 44 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
31	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
32	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
33	For: CW PUMP HOUSE SCREEN & GATE HANDLING-UNIT-1,2 (OUTDOOR) Type: Single Girder SEMI-GANTRY Crane Capacity: 5 T Span: 7.35 m Lift: 14 m Baylength: 76.3 m (common for both cranes)	2	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
34	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength (common for both cranes)	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
35	Rail complete with all accessories for complete baylength (common for both cranes)	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
36	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
37	For: CW PUMP HOUSE SCREEN & GATE HANDLING-UNIT-3,4,5 (OUTDOOR) Type: Single Girder SEMI-GANTRY Crane Capacity: 5 T Span: 7.35 m Lift: 14 m Baylength: 99.5 m (common for both cranes)	2	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
38	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength (common for both cranes)	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
39	Rail complete with all accessories for complete baylength (common for both cranes)	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
40	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
41	For: STORE BUILDING (INDOOR) Type: Single Girder EOT Crane Capacity: 10 T Span: 12.8 m Lift: 8 m Baylength: 30 m (for each crane)	2	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
42	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength (for each crane)	2	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
43	Rail complete with all accessories for complete baylength (for each crane)	2	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
44	VVVF Drives for hoisting motion	2	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
45	COMMISSIONING SPARES for 5T crane	5	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
46	COMMISSIONING SPARES for 8T crane	2	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
47	COMMISSIONING SPARES for 10T crane	2	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
48	Maintenance tools and tackles for 5T crane	5	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
49	Maintenance tools and tackles for 8T crane	2	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
50	Maintenance tools and tackles for 10T crane	2	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
51	Stage -2 Quantities													
52	For: WORKSHOP (INDOOR) Type: Single Girder EOT Crane Capacity: 8 T Span: 10.8 m Lift: 5 m Baylength: 44 m	1	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
53	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
54	Rail complete with all accessories for complete baylength	1	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
55	VVVF Drives for hoisting motion	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
56	For: STORE BUILDING (INDOOR) Type: Single Girder EOT Crane Capacity: 10 T Span: 12.8 m Lift: 8 m Baylength: 30 m (for each crane)	15	NOS.		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
57	PVC Shrouded bus bar type Cu DSL complete with all accessories for complete baylength (for each crane)	15	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
58	Rail complete with all accessories for complete baylength (for each crane)	15	LOT		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
59	VVVF Drives for hoisting motion	15	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
60	COMMISSIONING SPARES for 8T crane	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
61	COMMISSIONING SPARES for 10T crane	2	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
62	Maintenance tools and tackles for 8T crane	1	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
63	Maintenance tools and tackles for 10T crane	2	SET		0.000		0.000	0.000			0.000	8426 11 00	0.000	INR Zero Only
64	Total lump sum firm price for SERVICE part comprising of Supervision of erection and commissioning of cranes for crane for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order (from S. No 65 & 66)													
65	Lump sum visit charges for engineer including travel (except daily charges) for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order	5	VISITS		0.000		0.000	0.000			0.000	998732	0.000	INR Zero Only
66	Lump Sum daily charges for engineer including boarding/lodging, local conveyance, medical, insurance etc for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order	64	MANDAYS		0.000		0.000	0.000			0.000	998732	0.000	INR Zero Only
67	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 ( from Sl. no. 68 to 389)													
68	1 SET OF MANDATORY SPARES' FOR 5T SINGLE GIRDER UNDERSLUNG CRANE													

Sl. No.	Item Description	Quantity	Units	Unit (Ex-works) price in Rs.	Total (Ex-works) price in Rs.	Freight rate in %	Freight Amount,as applicable in Rs.	Total PRICE (EX-WORKS + FREIGHT, as applicable) in Rs.	GST type	GST rate in %	GST amount in Rs.	HSN code	Total FOR site Price in Rs.	Total FOR site Price In Words
1	2	4	5	13	14	15	16	17	18	20	21	23	53	55
69	One set consisting of 2 nos. bearing for:													
70	a) CT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
71	b) LT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
72	One set consisting of 2 nos. brake linings with rivets for:													
73	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
74	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
75	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
76	One set consisting of 2 nos. brake shoes with lining for:													
77	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
78	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
79	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
80	One set consisting of 6 nos. carbon brushes for:													
81	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
82	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
83	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
84	One set consisting of 3 nos. brush holders for:													
85	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
86	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
87	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
88	Fixed and moving contacts for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
89	No volts coil for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
90	Overload relay for:													
91	a) MH motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
92	b) CT motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
93	c) LT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
94	Motor bearings:													
95	a) MH motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
96	c) CT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
97	c) LT motor	8	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
98	Bearing for:													
99	a) MH Main Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
100	b) MH Eq. Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
101	415 Volt Motor (Up to 30 KW rating)													
102	Driving end and non-driving end bearing (1 Lot = 3 set for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
103	Cooling fan (1 Lot = 2 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
104	Motor terminal block (1 Lot = 5 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
105	Complete set of coupling (1 Lot = 1 set for each application)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
106	Back-up panels mounted devices (Selector switches/ push buttons/ indicators etc) (1 Lot = 5% of installed capacity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
107	Lamp/ LEDs (1 Lot = 100% of total quantity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
108	MCBs (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
109	Fuse/ Fuse holder (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
110	VVVF Drive	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
111	Line Choke	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
112	DBR	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
113	Air Break Power- Contactor	2	SET		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
114	1 SET OF MANDATORY SPARES' FOR 5T SINGLE GIRDER SEMI-GANTRY CRANE													
115	One set consisting of 2 nos. bearing for:													
116	a) CT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
117	b) LT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
118	One set consisting of 2 nos. brake linings with rivets for:													
119	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
120	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
121	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
122	One set consisting of 2 nos. brake shoes with lining for:													
123	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
124	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
125	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
126	One set consisting of 6 nos. carbon brushes for:													
127	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
128	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
129	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
130	One set consisting of 3 nos. brush holders for:													
131	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
132	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
133	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
134	Fixed and moving contacts for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
135	No volts coil for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
136	Overload relay for:													
137	a) MH motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
138	b) CT motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
139	c) LT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
140	Motor bearings:													
141	a) MH motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
142	c) CT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
143	c) LT motor	8	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
144	Bearing for:													
145	a) MH Main Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
146	b) MH Eq. Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
147	415 Volt Motor (Up to 30 KW rating)													
148	Driving end and non-driving end bearing (1 Lot = 3 set for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
149	Cooling fan (1 Lot = 2 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
150	Motor terminal block (1 Lot = 5 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
151	Complete set of coupling (1 Lot = 1 set for each application)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
152	Back-up panels mounted devices (Selector switches/ push buttons/ indicators etc) (1 Lot = 5% of installed capacity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
153	Lamp/ LEDs (1 Lot = 100% of total quantity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
154	MCBs (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
155	Fuse/ Fuse holder (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
156	VVVF Drive	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
157	Line Choke	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
158	DBR	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
159	Air Break Power- Contactor	2	SET		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
160	1 SET OF MANDATORY SPARES' FOR 5T SINGLE GIRDER GANTRY CRANE													
161	One set consisting of 2 nos. bearing for:													

Sl. No.	Item Description	Quantity	Units	Unit (Ex-works) price in Rs.	Total (Ex-works) price in Rs.	Freight rate in %	Freight Amount,as applicable in Rs.	Total PRICE (EX-WORKS + FREIGHT, as applicable) in Rs.	GST type	GST rate in %	GST amount in Rs.	HSN code	Total FOR site Price in Rs.	Total FOR site Price In Words
1	2	4	5	13	14	15	16	17	18	20	21	23	53	55
162	a) CT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
163	b) LT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
164	One set consisting of 2 nos. brake linings with rivets for:													
165	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
166	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
167	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
168	One set consisting of 2 nos. brake shoes with lining for:													
169	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
170	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
171	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
172	One set consisting of 6 nos. carbon brushes for:													
173	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
174	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
175	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
176	One set consisting of 3 nos. brush holders for:													
177	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
178	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
179	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
180	Fixed and moving contacts for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
181	No volts coil for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
182	Overload relay for:													
183	a) MH motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
184	b) CT motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
185	c) LT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
186	Motor bearings:													
187	a) MH motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
188	c) CT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
189	c) LT motor	8	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
190	Bearing for:													
191	a) MH Main Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
192	b) MH Eq. Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
193	415 Volt Motor (Up to 30 KW rating)													
194	Driving end and non-driving end bearing (1 Lot = 3 set for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
195	Cooling fan (1 Lot = 2 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
196	Motor terminal block (1 Lot = 5 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
197	Complete set of coupling (1 Lot = 1 set for each application)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
198	Back-up panels mounted devices (Selector switches/ push buttons/ indicators etc) (1 Lot = 5% of installed capacity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
199	Lamp/ LEDs (1 Lot = 100% of total quantity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
200	MCBs (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
201	Fuse/ Fuse holder (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
202	VVVF Drive	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
203	Line Choke	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
204	DBR	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
205	Air Break Power- Contactor	2	SET		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
206	1 SET OF MANDATORY SPARES' FOR 8T SINGLE GIRDER UNDERSLUNG CRANE													
207	One set consisting of 2 nos. bearing for:													
208	a) CT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
209	b) LT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
210	One set consisting of 2 nos. brake linings with rivets for:													
211	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
212	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
213	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
214	One set consisting of 2 nos. brake shoes with lining for:													
215	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
216	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
217	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
218	One set consisting of 6 nos. carbon brushes for:													
219	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
220	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
221	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
222	One set consisting of 3 nos. brush holders for:													
223	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
224	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
225	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
226	Fixed and moving contacts for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
227	No volts coil for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
228	Overload relay for:													
229	a) MH motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
230	b) CT motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
231	c) LT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
232	Motor bearings:													
233	a) MH motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
234	c) CT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
235	c) LT motor	8	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
236	Bearing for:													
237	a) MH Main Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
238	b) MH Eq. Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
239	415 Volt Motor (Up to 30 KW rating)													
240	Driving end and non-driving end bearing (1 Lot = 3 set for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
241	Cooling fan (1 Lot = 2 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
242	Motor terminal block (1 Lot = 5 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
243	Complete set of coupling (1 Lot = 1 set for each application)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
244	Back-up panels mounted devices (Selector switches/ push buttons/ indicators etc) (1 Lot = 5% of installed capacity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
245	Lamp/ LEDs (1 Lot = 100% of total quantity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
246	MCBs (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
247	Fuse/ Fuse holder (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
248	VVVF Drive	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
249	Line Choke	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
250	DBR	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
251	Air Break Power- Contactor	2	SET		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
252	1 SET OF MANDATORY SPARES' FOR 8T SINGLE GIRDER EOT CRANE													
253	One set consisting of 2 nos. bearing for:													
254	a) CT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only

Sl. No.	Item Description	Quantity	Units	Unit (Ex-works) price in Rs.	Total (Ex-works) price in Rs.	Freight rate in %	Freight Amount,as applicable in Rs.	Total PRICE (EX-WORKS + FREIGHT, as applicable) in Rs.	GST type	GST rate in %	GST amount in Rs.	HSN code	Total FOR site Price in Rs.	Total FOR site Price In Words
1	2	4	5	13	14	15	16	17	18	20	21	23	53	55
255	b) LT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
256	One set consisting of 2 nos. brake linings with rivets for:													
257	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
258	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
259	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
260	One set consisting of 2 nos. brake shoes with lining for:													
261	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
262	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
263	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
264	One set consisting of 6 nos. carbon brushes for:													
265	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
266	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
267	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
268	One set consisting of 3 nos. brush holders for:													
269	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
270	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
271	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
272	Fixed and moving contacts for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
273	No volts coil for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
274	Overload relay for:													
275	a) MH motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
276	b) CT motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
277	c) LT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
278	Motor bearings:													
279	a) MH motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
280	c) CT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
281	c) LT motor	8	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
282	Bearing for:													
283	a) MH Main Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
284	b) MH Eq. Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
285	415 Volt Motor (Up to 30 KW rating)													
286	Driving end and non-driving end bearing (1 Lot = 3 set for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
287	Cooling fan (1 Lot = 2 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
288	Motor terminal block (1 Lot = 5 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
289	Complete set of coupling (1 Lot = 1 set for each application)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
290	Back-up panels mounted devices (Selector switches/ push buttons/ indicators etc) (1 Lot = 5% of installed capacity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
291	Lamp/ LEDs (1 Lot = 100% of total quantity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
292	MCBs (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
293	Fuse/ Fuse holder (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
294	VVVF Drive	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
295	Line Choke	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
296	DBR	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
297	Air Break Power- Contactor	2	SET		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
298	1 SET OF MANDATORY SPARES' FOR 10T SINGLE GIRDER UNDERSLUNG CRANE													
299	One set consisting of 2 nos. bearing for:													
300	a) CT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
301	b) LT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
302	One set consisting of 2 nos. brake linings with rivets for:													
303	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
304	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
305	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
306	One set consisting of 2 nos. brake shoes with lining for:													
307	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
308	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
309	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
310	One set consisting of 6 nos. carbon brushes for:													
311	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
312	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
313	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
314	One set consisting of 3 nos. brush holders for:													
315	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
316	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
317	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
318	Fixed and moving contacts for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
319	No volts coil for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
320	Overload relay for:													
321	a) MH motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
322	b) CT motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
323	c) LT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
324	Motor bearings:													
325	a) MH motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
326	c) CT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
327	c) LT motor	8	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
328	Bearing for:													
329	a) MH Main Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
330	b) MH Eq. Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
331	415 Volt Motor (Up to 30 KW rating)													
332	Driving end and non-driving end bearing (1 Lot = 3 set for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
333	Cooling fan (1 Lot = 2 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
334	Motor terminal block (1 Lot = 5 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
335	Complete set of coupling (1 Lot = 1 set for each application)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
336	Back-up panels mounted devices (Selector switches/ push buttons/ indicators etc) (1 Lot = 5% of installed capacity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
337	Lamp/ LEDs (1 Lot = 100% of total quantity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
338	MCBs (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
339	Fuse/ Fuse holder (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
340	VVVF Drive	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
341	Line Choke	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
342	DBR	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
343	Air Break Power- Contactor	2	SET		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
344	1 SET OF MANDATORY SPARES' FOR 10T SINGLE GIRDER EOT CRANE													
345	One set consisting of 2 nos. bearing for:													
346	a) CT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
347	b) LT wheel	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only



Sl. No.	Item Description	Quantity	Units	Unit (Ex-works) price in Rs.	Total (Ex-works) price in Rs.	Freight rate in %	Freight Amount,as applicable in Rs.	Total PRICE (EX-WORKS + FREIGHT, as applicable) in Rs.	GST type	GST rate in %	GST amount in Rs.	HSN code	Total FOR site Price in Rs.	Total FOR site Price In Words
1	2	4	5	13	14	15	16	17	18	20	21	23	53	55
348	One set consisting of 2 nos. brake linings with rivets for:													
349	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
350	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
351	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
352	One set consisting of 2 nos. brake shoes with lining for:													
353	a) MH brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
354	b) CT brake	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
355	c) LT brake	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
356	One set consisting of 6 nos. carbon brushes for:													
357	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
358	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
359	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
360	One set consisting of 3 nos. brush holders for:													
361	a) MH motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
362	b) CT motor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
363	c) LT motor	4	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
364	Fixed and moving contacts for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
365	No volts coil for each type of conductor	2	Set		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
366	Overload relay for:													
367	a) MH motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
368	b) CT motor	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
369	c) LT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
370	Motor bearings:													
371	a) MH motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
372	c) CT motor	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
373	c) LT motor	8	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
374	Bearing for:													
375	a) MH Main Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
376	b) MH Eq. Pulley	4	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
377	415 Volt Motor (Up to 30 KW rating)													
378	Driving end and non-driving end bearing (1 Lot = 3 set for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
379	Cooling fan (1 Lot = 2 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
380	Motor terminal block (1 Lot = 5 Nos. for each type and rating of motor)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
381	Complete set of coupling (1 Lot = 1 set for each application)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
382	Back-up panels mounted devices (Selector switches/ push buttons/ indicators etc) (1 Lot = 5% of installed capacity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
383	Lamp/ LEDs (1 Lot = 100% of total quantity)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
384	MCBs (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
385	Fuse/ Fuse holder (1 Lot = 10% of each type and rating)	2	LOT		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
386	VVVF Drive	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
387	Line Choke	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
388	DBR	2	NOS.		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
389	Air Break Power- Contactor	2	SET		0.000		0.000	0.000			0.000	8431 49 20	0.000	INR Zero Only
Total in Figures													0.00	Zero Only
Quoted Rate in Figures													0.0000	Zero Only
Quoted Rate in Words								INR Zero Only						

Item Rate BoQ

Tender Inviting Authority: Bharat heavy Electricals limited-Project Engineering Management, Noida

Name of Work: SINGLE GIRDER EOT/HOT MISC. CRANES for 5x800 MW YADARI TPS

Tender enquiry no.: PE/PG/YAD/E-6606/2020 dated 16/02/2021

Name of the Bidder/ Bidding Firm / Company :									
ANNEXURE-II (COST OF WITHDRAWAL)									
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )									
NOTES: 1. Cost of Withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only. 2. All the bidders have to list out all their technical & commercial deviations (if any) in details in the above format. 3.Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of. 4.Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawl of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT. 5. Bidder shall furnish price copy of above format along with price bid. 6.The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser. 7.Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered. 8. For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawl of deviation loading as per Annexure-VII of GCC, Rev-07 will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawl of deviation shall be taken as NIL. 9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted. 10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format. 11. Cost of withdrawl is to be given seperately for each deviation. In no event bidder should club cost of withdrawl of more than one deviation else cost of withdrawl of such deviations which have been clubbed together shall be considered as NIL. 12. In case nature of cost of withdrawl (positive/negative) is not specified it shall be assumed as positive. 13. In case of descerepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.									
Sl. No.	Item Description	Cost of withdrawal of deviation to be entered by the bidder in Rs.	Page no.	Technical specification/tender document clause no.	Reference of price schedule of which cost of withdrawal of deviation is applicable	Nature of cost of withdrawal of deviation (positive/Negative)	Reasons for quoting deviation	TOTAL AMOUNT Without Taxes in Rs.	Total FOR site Price In Words
1	2	13	23	24	30	31	36	53	55
1.01	TECHNICAL DEVIATION								
1.02	Technical deviation							0.000	INR Zero Only
1.03	Technical deviation							0.000	INR Zero Only
1.04	Technical deviation							0.000	INR Zero Only
1.05	Technical deviation							0.000	INR Zero Only
1.06	Technical deviation							0.000	INR Zero Only
1.07	Technical deviation							0.000	INR Zero Only
2	COMMERCIAL DEVIATION								
2.01	Commercial deviation							0.000	INR Zero Only
2.02	Commercial deviation							0.000	INR Zero Only
2.03	Commercial deviation							0.000	INR Zero Only
2.04	Commercial deviation							0.000	INR Zero Only
2.05	Commercial deviation							0.000	INR Zero Only
2.06	Commercial deviation							0.000	INR Zero Only
2.07	Commercial deviation							0.000	INR Zero Only
Total in Figures								0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only							