

Pricing Schedule for the Installation of a Variable Speed Drive (VSD) System for the Ship Loader Cable Reel at Saldanha Iron Ore Terminal

The quotation for the installation of a VSD-controlled cable reeling system for ship SL1 and SL2 at IOT Saldanha shall include repair materials, consumables, transport, labour, and safety standards. It is advised that service providers attend a **compulsory site briefing** before submitting quotations to familiarize themselves with site conditions and check the resources required to execute and complete the work.

This scope of work specifies the minimal requirements for acceptable critical components. Annexure 1 (Transnet Reeling Drum by Powermite) contains material for a prototype of the cable reels on our site that can be used to standardise all cable reels. The materials needed for the cable reeling system are as follows:

Item	Description	OEM	Estimated quantities	Unit Price	Total
	INSTALLATION COSTS				
1.	Labour Cost: Installation of Cable Reeling System			R...../hr	R.....
	MATERIAL COSTS				
1	Geared Cam Switch 51 - 29 - BM22 - 899 IP 66	Stromag/ Similar	12	R...../ea	R.....
2	4kW 8 Pole 400V complete with cooling fan, an encoder and an electromagnetic brake. Lika Encoder 1024 PPR C50-H-1024ZCU4 10 L: Binder Electromagnetic Brake – 60N, 380V - 7760011A00	WEG/ Similar	4	R...../ea	R.....

3	YASKAWA AC Drive A1000 High Performance Vector Control Drive - CIMR AA0023/1017	Yaskawa/ Similar	4	R...../ea	R.....
4	Transformer 380/110 VAC 250 VA	Powermite/ Similar	4	R...../ea	R.....
5	MINIATURE CONTROL RELAYS 120 VAC COIL; PART NUMBER – RXM4AB2F7 ASSEMBLED WITH BASE RXZE2M114M	Schneider/ Similar	18	R...../ea	R.....
6	MOTOR CONTROL CONTACTOR; COIL POTENTIAL – 400VAC; PART NUMBER - LC1D09V7	Schneider/ Similar	8	R...../ea	R.....
7	MOTOR PROTECTION CIRCUIT BREAKER– 32A; POLE – 3; PART NUMBER – TESYS GV2ME32	Schneider/ Similar	8	R...../ea	R.....
8	MOTOR CIRCUIT BREAKER; 50A, 400V, 3 POLE; PART NUMBER – GV4LE50N WITH ROTARY HANDLE GV4APN01	Schneider/ Similar	8	R...../ea	R.....
9	OVERLOAD RELAY; PART NUMBER – LRD10	Schneider/ Similar	8	R...../ea	R.....
10	MINIATURE CIRCUIT BREAKER; 3A, 400V, 2 POLES; PART NUMBER – IC60A	Schneider/ Similar	8	R...../ea	R.....
11	AUXILIARY FAULT CONTACT, 1 C/O; PART NUMBER – ACTI9 ISD	Schneider/ Similar	8	R...../ea	R.....
12	TYPE – TERMINAL BLOCK; PART NUMBER – LAD7B106	Schneider/ Similar	12	R...../ea	R.....
13	AUXILIARY CONTACT BLOCK; CONTACT ARRANGEMENT – 2NO + 2NC; PART NUMBER – TESYS DECA LADN22	Schneider/ Similar	12	R...../ea	R.....

14	Braking Resistor MR1 1300-100	Varispeed/ Similar	12	R...../ea	R.....
15	Resistor Pot CA10 534/10K/104	Varispeed/ Similar	16	R...../ea	R.....
16	Encoder 1024 ppr C50-H-10242CU4 10L 60N	LIKA/ Similar	4	R...../ea	R.....
17	Electro - Magnetic Brake 60N 380 V	Binder/ Similar	4	R...../ea	R.....
18	DIN RAIL, TOP HAT, SLOTTED		1200 mm	R...../ea	R.....
19	DISTRIBUTION TERMINAL BLOCKS; 32 A; 800 V; MOUNTING TYPE – DIN RAIL; 1440 PIECES		1440 pieces	R...../ea	R.....
20	ELECTRICAL ENCLOSURE PANEL; DIMENSIONS – 120 CM (LG) x 79 CM (WD) x 33 CM (BD); MATERIAL – MARINE GRADE STAINLESS STEEL MINIMUM 2MM THICK; FINISH – ORANGE ANTI- CORROSIVE PAINT WITH MOUNTING PLATE AND BRACKETS		2	R...../ea	R.....
	ADDITIONAL ACCESSORIES:				
	i.e., Cables				
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	-				
	-				
	-				
TOTAL PRICE:					
VAT (if applicable)					
Total Inclusive of VAT (where applicable)					