

# MEGATECH ENGINEERING LTD.

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#### Appendix No. 3 Spare Parts List

**Project:** KM LNG, Kitimat

**Equipment: Ocean Disposal Trestle Topside Equipment** 

KBR Ref. CM002-IDX

Megatech Ref. 10.452

The following is a preliminary suggested spare parts list for the major equipment components for the Trestle Topside Equipment. Given the expected operational period for the equipment, not all items listed will be required. Items marked with an \* are strongly recommended spares to be carried at site.

All prices are Canadian Funds, FOB Megatech or suppliers warehouse. Delivery is with the equipment providing the order is placed within 8 weeks of project order.

#### **Apron Feeder:**

Item	Description	Qty	Unit Price	Total Price
No.				
1	Sprocket Segment	2*	\$1,875.00	\$3,750.00
2	Apron Pan	5*	\$1,810.00	\$9,050.00
3	D7G Chain	2	\$9,790.00	\$19,850.00
4	Tail Bearing Open	1	\$4,485.00	\$4,485.00
5	Tail Bearing Closed	1	\$3,850.00	\$3,850.00
6	Head Bearing Open	1	\$18,650.00	\$18,650.00
7	Head Bearing Closed	1	\$16,830.00	\$16,830.00
8	Track Roller	10*	\$545.00	\$5,450.00
9	Traction Wheel Segment	1*	\$1,585.00	\$1,585.00
10	Return Roller	5*	\$2,090.00	\$10,450.00
11	Eurodrive Reducer	1	\$120,700.00	\$120,700.00



## **Crusher:**

Item	Description	Qty	Unit Price	Total Price
No.	-			
1	Main Bearing	2	\$1,982.50	\$3,965.00
2	Bearing Lock Fixtures	2	\$170.00	\$340.00
3	Labyrinth Seal No. 1	4*	\$32.50	\$130.00
4	Labyrinth Seal No. 2	4*	\$37.00	\$148.00
5	Labyrinth Seal No. 3	2*	\$49.00	\$98.00
6	Labyrinth Seal No. 4	2*	\$44.00	\$88.00
7	Spacer Ring No. 1	2*	\$194.00	\$388.00
8	Spacer Ring No. 2	2*	\$272.00	\$544.00
9	Felt Seal No. 1	2*	\$48.00	\$96.00
10	Felt Seal No. 2	2*	\$60.00	\$120.00
11	Lip Seal No. 1	2*	\$55.00	\$110.00
12	Lip Seal No. 2	2*	\$253.00	\$506.00
13	Slinger	2	\$147.00	\$294.00
14	Roll Coupling Bolt Set (32)	1*	\$1,290.00	\$1,290.00
15	V Belts	4*	\$1,638.00	\$6,552.00

### **Trestle Conveyor:**

Item	Description	Qty	Unit Price	Total Price
No.	_			
1	Impact Idler	4*	\$326.00	\$1,304.00
2	Carrying Idler	4*	\$196.00	\$784.00
3	Return Idler	2*	\$102.00	\$204.00
4	Training Idler	1*	\$692.00	\$692.00
5	Skirt Board Rubber	2*	\$330.00	\$660.00
6	Primary Belt Cleaner	1*	\$1,214.00	\$1,214.00
7	Secondary Belt Cleaner	1*	\$2,870.00	\$2,870.00
8	Splice Kit	1	\$560.00	\$560.00
9	Reducer	1	\$29,400.00	\$29,400.00



**Barge Loading Conveyor:** 

Barge Loading Conveyor.					
Item	Description	Qty	Unit Price	Total Price	
No.					
1	Impact Idler	2*	\$288.00	\$576.00	
2	Carrying Idler	1*	\$196.00	\$196.00	
3	Return Idler	1*	\$102.00	\$204.00	
5	Skirt Board Rubber	2*	\$240.00	\$480.00	
6	Primary Belt Cleaner	1*	\$1,214.00	\$1,214.00	
7	Secondary Belt Cleaner	1*	\$2,870.00	\$2,870.00	
8	Extension Cylinder Seal Kit	1	\$360.00	\$360.00	
9	Slide Guides (8)	1*	\$930.00	\$930.00	
9	Reducer	1	\$9,430.00	\$9,430.00	

**Mooring Winches** 

Item	Description	Qty	Unit Price	Total Price
No.				
1	Seal Kit	1*	\$235.00	\$235.00
2	Disc Divider	5*	\$31.00	\$155.00
3	Disc Friction	4*	\$79.00	\$316.00

**Safety Devices:** 

Item	Description	Qty	Unit Price	Total Price
No.				
1	Zero Speed Switch with Alarm	1*	\$1,990.00	\$1,990.00
2	Plug Chute Switch	1*	\$540.00	\$540.00
3	Pull Chord Switch	1*	\$980.00	\$980.00
5	Belt Tracking Switch	1*	\$1,430.00	\$1,430.00
6	Ripped Belt Switch	1*	\$1,214.00	\$1,214.00
7	Extension Limit Switch	1*	\$426.00	\$426.00

Control and Lighting Spares are to be confirmed