

## Old Harbour Power Station

#	Item	Specification	Unit	Quantity	OH N01	OH N02	OH N03	OH N04	OFC & YARD	Total	Remarks
	CONCRETE	Pedestal, Slab, foundation, etc.	m3	5676.0	916.6	1006.1	356.3	358.0	3039.0	5676.0	
	STEEL	Steel Frame	ton	689.6	171.8	216.9	152.3	147.0	1.5	689.6	
		Grating	ton	49.7	12.5	6.8	14.7	15.7		49.7	
		Panel	ton	3.9	3.9					3.9	
		Corrugated Sheet Iron	ton	291.2	77.1	105.4	56.2	52.1	0.5	291.2	
	STACK	Steel Plate	ton	47.6	4.6	9.1	17.0	17.0		47.6	
		Plain Concrete	m3	401.1	70.7	99.6	115.4	115.4		401.1	
		Steel Frame	ton	61.1	10.5	15.7	17.4	17.4		61.1	
		Steel Plate	ton	114.4	21.3	27.8	32.6	32.6		114.4	
	<b>CONCRETE SUB TOTAL</b>			<b>m3</b>	<b>6077.1</b>	<b>987.2</b>	<b>1105.7</b>	<b>471.7</b>	<b>473.4</b>	<b>3039.0</b>	<b>6077.1</b>
	<b>STEEL SUB TOTAL</b>			<b>ton</b>	<b>1257.6</b>	<b>301.7</b>	<b>381.8</b>	<b>290.2</b>	<b>281.9</b>	<b>2.0</b>	<b>1257.6</b>
	BOILER	Primary Superheater, Secondary Superheater, etc.	ton	1014.4	181.9	278.5	254.0	300.1		1014.4	
	TURBINE	Turbine & Auxiliary System, Piston Accumulator, etc.	ton	286.2	68.1	74.1	72.1	72.1		286.2	
	CONDENSER	Condensate System, Condenser Water Box, etc.	ton	729.8	180.9	211.1	168.9	168.9		729.8	
	GENERATOR	Generator, Generator Cable Terminations, etc.	ton	160.0	40.0	40.0	40.0	40.0		160.0	
	HEATER & TANK	1st Point Feedwater Heater, Main Fuel Oil Heater, etc.	ton	1103.1	292.0	292.0	259.6	259.6		1103.1	
	PIPING	A.H Gas In Sensing Line, Air Flow Sensing Line, etc.	ton	2422.5	570.0	570.0	641.3	641.3		2422.5	
	DUCT	Boiler Air & Gas Duct, Boiler Wind Box, etc.	ton	411.1	85.0	95.6	107.6	122.9		411.1	
	FAN	Auxiliary Main Transformer Cooling Fan, etc.	ton	172.0	43.0	43.0	43.0	43.0		172.0	
	PUMP	A/C Bearing & Seal Oil Pump, Amine Pump, etc.	ton	360.0	90.0	90.0	90.0	90.0		360.0	
	MOTER	AC Bearing Oil Pump Motor, Air Heater Drive Motor, etc.	ton	280.0	70.0	70.0	70.0	70.0		280.0	
	COMPRESSED	Instrument Air Compressor, Compressed Air System, etc.	ton	200.0	50.0	50.0	50.0	50.0		200.0	
	RADIATOR	Auxiliary Transformer Radiator, Main Transformer Radiator, etc.	ton	40.0	10.0	10.0	10.0	10.0		40.0	
	COOLER	Air Heater Lube Oil Cooler, Generator Air Cooler, etc.	ton	100.0	25.0	25.0	25.0	25.0		100.0	
	PREHEATER	Steam Coil Air Preheater	ton	448.0	112.0	112.0	112.0	112.0		448.0	
	TANK (YARD)	Fuel Oil Day Tank, Light Oil Tank, etc.	ton	304.0					304.0	304.0	
	BROWER	Rotary Sootblower, Retractable Sootblower, etc.	ton	30.0	7.5	7.5	7.5	7.5		30.0	
	The Other Equipment	Fuel Oil Intergrator, FD Fan Silencer, etc.	ton	88.0	22.0	22.0	22.0	22.0		88.0	
	<b>EQUIPMENT SUB TOTAL</b>			<b>ton</b>	<b>8149.1</b>	<b>1847.3</b>	<b>1990.8</b>	<b>1972.8</b>	<b>2034.2</b>	<b>304.0</b>	<b>8149.1</b>
	LAGGING MATERIAL	Piping	m3	1329.6	332.4	332.4	332.4	332.4		1329.6	
		Equipment	m3	1952.0	488.0	488.0	488.0	488.0		1952.0	
		Duct	m3	576.0	144.0	144.0	144.0	144.0		576.0	
	<b>LAGGING MATERIAL SUB TOTAL</b>			<b>m3</b>	<b>3857.6</b>	<b>964.4</b>	<b>964.4</b>	<b>964.4</b>	<b>964.4</b>		<b>3857.6</b>
	ELECTRICAL'S STEEL	CABLE	ton	0.0	0	0	0	0		0.0	
		Hi/Lo Voltage Panel	ton	387.7	96.9148	96.9148	96.9148	96.9148		387.7	
		Main Electrical Equipment	ton	303.0	75.7541	75.7541	75.7541	75.7541		303.0	
		Bus Duct (NSPB)	ton	19.2	4.7943	4.7943	4.7943	4.7943		19.2	
		Inverter, AVR & Battery Chager	ton	20.3	5.0648	5.0648	5.0648	5.0648		20.3	
		Tray & Conduit	ton	95.5	23.8708	23.8708	23.8708	23.8708		95.5	
		Computer Equipment	ton	22.2	5.55	5.55	5.55	5.55		22.2	
		<b>ELECTRICAL'S STEEL SUB TOTAL</b>			<b>ton</b>	<b>847.8</b>	<b>211.9</b>	<b>211.9</b>	<b>211.9</b>	<b>211.9</b>	
	ELECTRICAL'S COPPER	CABLE	ton	242.9	60.73	60.73	60.73	60.73		242.9	
		Hi/Lo Voltage Panel	ton	13.9	3.4852	3.4852	3.4852	3.4852		13.9	
		Main Electrical Equipment	ton	20.0	4.9959	4.9959	4.9959	4.9959		20.0	
		Bus Duct (NSPB)	ton	8.3	2.08441	2.08441	2.08441	2.08441		8.3	
		Inverter, AVR & Battery Chager	ton	0.5	0.1352	0.1352	0.1352	0.1352		0.5	
		Tray & Conduit	ton	0.0	0	0	0	0		0.0	
		Computer Equipment	ton	0.0	0	0	0	0		0.0	
		<b>ELECTRICAL'S COPPER SUB TOTAL</b>			<b>ton</b>	<b>285.7</b>	<b>71.4</b>	<b>71.4</b>	<b>71.4</b>	<b>71.4</b>	