

CRITICAL SPARE LIST



TWS PROJECT NO.	P1236
CLIENT REF. NO.	BMW 2016/07109
PROJECT NAME	EUCLA TOWN RO WTP
CLIENT	DEPT OF FINANCE
REVISION	A
DATE	21.08.2018

ITEM	QTY	Equipment Name	Specification Details	Price	Total Price
1	1	Bore Water Pump	Grundfos; SP9-18 RP2 4"3 X 380-415/50 4.0kW; Product Code: 98809282	AUD 3,342	AUD 3,342
2	1	Low Pressure Pump	Grundfos; CM10-2, 3 X 380-415/50 1.2kW; Product Code: 96806983	AUD 1,110	AUD 1,110
3	1	High Pressure Pump	Grundfos; CRN5-36, 3 X 380-415/50 5.5kW; Product Code: 96514173	AUD 5,411	AUD 5,411
4	1	Recirculation Pump	Grundfos; CM3-3, 3 X 380-415/50 0.5kW; Product Code: 96806823	AUD 746	AUD 746
5	1	Sulphuric Acid Dosing Pump	Grundfos; DDE 6 -10 PR-PVC/T/C-X-31U2U2IG, Tube: 6/9mm (98147413)	AUD 769	AUD 769
6	1	Sodium Hypochlorite Dosing Pump	Grundfos; DDA 7.5-16FCM-PV/T/C-F-3IU2U2IG, Tube: 6/9mm (97722862)	AUD 3,280	AUD 3,280
7	1	Anti Scalant Dosing Pump	Stenner; Product Code: STEN E10LHFK5SK Stenner Compact Variable Speed Peristaltic Pump	AUD 1,043	AUD 1,043
2	1	Pressure Transmitter, Range: 0 - 10 Bar	IFM Effector; Part No. PT5404	AUD 269	AUD 269
3	1	Pressure Transmitter, Range: 0 - 25 Bar	IFM Effector; Part No. PT5403	AUD 269	AUD 269
4	1	Permeate or Concentrate Recirculation Flow Indicator Transmitter	IFM Effector; Part No. SV7204 Flow Sensors	AUD 735	AUD 735
5	1	Cable Connection for Pressure Transmitter or Flow Indicator Transmitter	IFM Effector; Part No. EVS005	AUD 40	AUD 40
6	1	Feed Water Tank Level Indicator Transmitter	IFM Effector; Part No. PS3427	AUD 1,133	AUD 1,133
7	2	RO Membrane	Hydranautics; ESPA 2 Max Membrane	AUD 1,169	AUD 2,337
8	1	Potable Water pH Probe	E&H; CPS31D-1040/0 CPS31D-7AC21+Z1 Memosens CPS31D	AUD 543	AUD 543
9	1	Potable Water Chlorine Probe	E&H; Chloromax CCS 142D; CCS142D-AAS80	AUD 1,876	AUD 1,876
10	1	PLC	Allen Bradley Micro Logix	AUD 3,120	AUD 3,120
11	1	HMI	EXOR 7" Colour HMI	AUD 2,010	AUD 2,010
12	1	Media Filter Control Valve Head	293P-742-NU; 293 Magnum 2" Filter Valve 742 Timeclock Control, No Bypass	AUD 2,037	AUD 2,037

Project: Eucla Town RO WTP – 50m<sup>3</sup>/day Potable Water

Client: Dept. of Finance WA

Client Ref. No.: BMW 2016/07109

Job No. : P1236

Date: 12/07/2018

Subject: Chemical Consumable

Chemical Name	Consumable Quantity / Year	Remarks
Anti Scalant	40 drums of 20L	
Sodium Hypochlorite	15 drums of 20L	
Sulphuric Acid	40 drums of 15L	
Acid Cleaner for CIP	6 drums of 20L	1 drum/CIP
Alkaline Cleaner for CIP	2 drums of 30L	10L/CIP

Notes:

\*As per recommendation, CIP will be done every 2 months.