

**12. TENDER ACCEPTANCE CONTRACT NO 2000/02-120 – SUPPLY OF WASTEWATER PUMPS FOR CHRISTCHURCH WASTEWATER TREATMENT PLANT TRICKLING FILTER PUMP STATION B**

<b>Officer responsible</b> Waste Manager	<b>Author</b> Mike Bourke Wastewater Manager , DDI 371-1364
Corporate Plan Output: Liquid Waste	

The purpose of this report is to obtain Committee approval to accept a tender to purchase the pumps required as part of the next stage of the Christchurch Wastewater Treatment Plant Upgrade, namely Trickling Filter Pump Station B. This tender is beyond officers delegated authority.

**BACKGROUND**

The next stage of the Treatment Plant Upgrade involves the construction of a new Trickling Filter Pumping Station as reported to the Committee in August and September 2000. Design work has progressed and tenders have closed for the supply of pumps for this station. The station requires two pumps each capable of pumping 1.5 cubic metres per second.

**TENDERS RECEIVED**

Tenders were sought and received from potential suppliers of appropriate pumps as follows:

<b>Tenderer</b>	<b>Pump Systems Ltd</b>	<b>Brown Brothers Engineers Ltd</b>	<b>Thompsons Kelly &amp; Lewis Pty Ltd</b>
Make & Model	Everflow 700 P	Batescrew 24/42	TKL 960 DHH-1
Stages & Type	3 Stage Axial Flow	2 Stage Axial Flow	1 Stage Mixed Flow
Full operating speed	490 rpm	740 rpm	590 rpm
Motor rating/poles	260 kW, 12 pole	280 kW, 8 pole	250 kW, 10 pole
Consumed power range	117 – 224 kW	150 – 240 kW	125 – 223 kW
Thrust bearing life	50,000 hours	37,000 hours	not stated
Warranty period	24 months	12 months (maximum)	24 months
Delivery period	22 - 24 weeks	18 – 20 weeks	24 – 28 weeks
Price (for two pumps)	\$418,594	\$436,830	\$595,482

Tenders have been evaluated over a range of criteria, including operating cost, maintenance costs, speed, bearing life, warranty and price.

The lowest tender meets all of the requirements and is recommended for acceptance. It is within the budgeted amount of \$450,000.

**Recommendation:** That the lowest tender from Pump Systems Ltd for two Everflow 700 P – 3 Stage Axial Flow Pump be accepted for a total price of \$418,594.

**Chairman's Recommendation:** That the above recommendation be adopted.