

Memorandum

To: Alan Auld, PURCHASING OFFICER – STORES

From: Dan Toon, EXECUTIVE MANAGER – COMMERCIAL SERVICES

cc:

Date: 20 October 2004

Re: Purchase Specification – Domestic On-Site Sewage Pump Station.

File Reference: pm:kb 50/001/0028

DOMESTIC ON-SITE SEWAGE PUMP STATION.

PURCHASE SPECIFICATION.

- 1.0 Domestic On-Site Sewage Pump Station is to be used only in a location approved by Council's Plumbing Inspectors.
- 2.0 Pump capacity and number of pumps will be specified at time of purchase, however a minimum each pump capacity is 1 L/sec @ 20m head (this requires a 1.5kW motor size).
- 3.0 Centrifugal type pump. Positive displacement type pump (helical rotor pump) is not hydraulically compatible and will not be approved).
- 4.0 Suitable for raw sewage.
- 5.0 Grinder impeller.
- 6.0 Desirable to be pedestal mounting, however free standing is acceptable provided the pump has restraining mounting to stop turning of the pump on start-up.
- 7.0 240 VAC operation, 3 pin plug.
- 8.0 Pump well capacity to be minimum 750 L.
- 9.0 Level control for start-stop of pump(s)
- 10.0 High water level alarm red light.
- 11.0 Minimum 50mm uPVC pipework, brass isolating valves and brass non-return valves.
- 12.0 Control panel with red light high water alarm visible on outside of the panel.

13.0 Large access cover on pump well.

14.0 Corrosion resistant pump lifting arrangement (galvanised chain not suitable)

15.0 Local authorised pump service agent.

Prepared by

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Endorsed by

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EXECUTIVE MANAGER COMMERCIAL SERVICES.