

PART E
SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

E1.1 These Specifications shall apply to the Work.

E1.2 The following Drawings are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing</u>
001	Sampler Mount Detail For Information Only

E2. GOODS

E2.1 The Contractor shall supply and deliver twelve (12) wastewater samplers complete with all appropriate port fittings and tube adapters and five (5) automated cycle controllers in accordance with the requirements hereinafter specified.

E2.2 Item No. 1 - wastewater samplers shall be either the 25cc Bristol Isolok Model SAB-29-09-03 Sampler or the 25cc In2 Process Quantum Sampler, with the features specified herein.

E2.2.1 The sample volume shall be 25cc.

E2.2.2 Samplers shall be pneumatically operated plunger or poppit style automatic samplers of all stainless steel construction.

E2.2.3 Samplers shall be configured to mount on an existing line adapter spool by means of a 75mm ferrule flange on body that mounts against an existing ferrule flange sampler mount on the line adapter spool connected with an S-Line clamp (Tri-Clover). The existing ferrule flange on the line adapter is 75mm NPS manufactured by Waukesha Cherry-Burrel, Model No. 14MPW, WELDING FERRULE, TANK SPUD (HEAVY) and is shown on Drawing 001.

E2.2.4 The sample discharge port shall come complete with a 32mm (1 ¼") O.D. stainless steel rubber tube adapter.

E2.2.5 Samplers shall be supplied complete with all necessary air line connectors, port fittings and tube adapters.

E2.2.6 Measurement and payment will be made on a unit basis, the amount to be paid will be the total number of units supplied at the Contract Unit Price for "25cc Wastewater Samplers", which price shall be payment in full for supplying all materials described herein, and all other items incidental to the Work.

E2.3 Item No. 2 - automatic cycle controllers shall be either Bristol Model P2-RTC-AEEDD-X2-CSA or Vanko Analytics Ltd. Model CONTROL-VAN-GP1, with the features specified herein.

E2.3.1 Controllers shall come complete with all required air lines and connectors. A distance of 5.0 metres between the controller and the sampler shall be assumed.

E2.3.2 Measurement and payment will be made on a unit basis, the amount to be paid will be the total number of units supplied at the Contract Unit Price for "Automatic Cycle Controllers", which price shall be payment in full for supplying all materials described herein, and all other items incidental to the Work.

E2.4 The Contractor shall supply three (3) copies of Operation and Maintenance Manuals written in English, for the Wastewater Samplers and Automatic Cycle Controllers. No extra payment will be made for the manuals and they shall be considered incidental to the Contract. The

Contractor shall supply the operation and maintenance manuals when the goods are delivered, in accordance with E3.2.

E3. DELIVERY

E3.1 Goods shall be delivered f.o.b. destination, freight prepaid, to :

Laboratory Services
North End Water Pollution Control Center
2230 Main St., Winnipeg, MB
R2V 4T8
c/o Mr. Robert Ross

E3.2 Goods shall be delivered within sixty (60) Business Days of the placing of an order, except where otherwise agreed at the time of ordering.

E3.3 The Contractor shall promptly report any delay or change to an agreed delivery date to the User.

E3.4 Goods shall be delivered between 9 :30 a.m. and 3:30 p.m. on Business Days.