1700 SERIES SAMPLE SPECIFICATION

AS MANUFACTURED BY ISTEC CORPORATION
5 PARK LAKE ROAD, SPARTA, NJ 07871

The contractor shall furnish and install as shown on the plans a multi-wing turbine type Flowmeter. The Flowmeter shall be factory assembled, calibrated and tested, incorporating the following features:

BODY

The Flowmeter shall have a line size of _____ inch(s)/_____mm(s). The body shall be constructed of brass from ½" (15mm) to 1-1/2" (40mm) or cast iron 2" (50mm).

FLOW INSERT

The Flow Insert shall be the "single-jet" type on the ½" (15mm) and ¾" (20mm) sizes. It shall be the "multi-jet" style on the 1" (25mm) through 2" (50mm) sizes. The insert assembly shall be capable of being replaced without removing the meter body.

COUNTER

The unit shall have a hermetically sealed "dry-type" mechanical counter. The counter will read in U.S. gallons (metric counters available) and shall be non-resettable.

ACCURACY

The Flowmeter shall have an accuracy of ± 1.5%.

FLOW RANGE

The Flowmeter shall have a minimum flow rating of _____ gpm (_____ lph/or m^3ph). It shall have a continuous flow rating of_____ gpm (_____ m^3ph). The peak flow, which the meter can not be subjected to for more than one hour per day, shall be_____ gpm (_____ m^3ph).

PULSER

The Flowmeter shall provide a "pulse" type output of 1 contact closure for every 1/10/100 gallon(s) of flow (metric counters provide 1 pulse for every 1/10/100 liters of flow).