
PRESS INFORMATION

Ref. BWM OTT 0074

OTT wins national water level sensors contract



1 OTT PLS Sensor

Following a competitive tendering process, the Environment Agency has awarded OTT Hydrometry (UK) with a national contract to supply submersible pressure sensors to be used in water level measurement applications associated with surface water, groundwater and tidal water monitoring.

The contract is part of a joint procurement exercise with SEPA (Scottish Environment Protection Agency) and NRW (Natural Resources Wales).

The contract applies to Lot 6 of a telemetry and control equipment tender, which covers digital output ceramic diaphragm sensors with SDI:12 and Modbus output, for use where sensors require regular cleaning or where surrounding water is susceptible to freezing during the winter.

Under the contract, OTT will supply the OTT PLS sensors until November 2022, with options to extend for a further two periods of 12 months thereafter. The PLS is a robust ceramic pressure cell, providing long-term measurement stability. Resistant to physical force (5 x burst pressure) and with an enclosure made of high-quality saltwater resistant steel, the PLS is suited to a wide variety of freshwater and marine applications.

As a vented probe, the PLS maintains measurement accuracy by automatically compensating for changes in barometric pressure, and a built-in microcontroller compensates for temperature effects. The sensor also applies correction values for gravitational acceleration and water density. The sensor's robust cable has a Kevlar core, and with flexible output formats, it can be connected to a wide variety of dataloggers and outstations.

ENDS

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For further information, please contact:

OTT Hydrometry Ltd
Unit 19 Jessops Riverside
800 Brightside Lane
Sheffield S9 2RX
Tel. 01246 573480
Fax. 01246 813873
Email: uksales@otthydromet.com
Web site: www.ott.com

Note to editors:

- The **OTT Hydromet Group** manufactures products that enable water professionals to monitor the planet's most precious resource. Through the delivery of accurate reliable data, OTT's instruments and services provide essential tools to help protect the environment.

From precipitation through surface and ground water to marine monitoring applications, OTT's measurement and communication technologies provide a complete picture of the water cycle. OTT and Hydrolab have been longstanding members of the OTT Hydromet Group. Adcon Telemetry was acquired in 2011; Sutron and Lufft joined the group in 2015, and Kipp & Zonen joined in 2017, which means that the company is able to offer the best sensors and data handling technology for every application.

Completely focused on hydro-meteorology and water quality, OTT products have been market leaders for over 140 years and coupled with modern communications technology provide remote access to continuous monitoring data. Further information is also available at www.otthydromet.com