

CAGAYAN DE ORO CITY WATER DISTRICT

Corrales Avenue, Cagayan de Oro City

TECHNICAL SPECIFICATIONS

Project Title:

PR No. 14-19775 – Supply and Delivery of 10 Units Data Logger with Built-in Pressure Transducer.

Specifications:

Inputs	3 Channel
Pressure Inputs	Input Range: 0 - 100m or 0 – 200m +/-0.5% accuracy/resolution
Digital Inputs	Up to 2: Pulses counted over, and recorded at, preset levels. Tamper/status and event recorded supported
GSM Modem	Quad band: 900MHz, 1800MHz / 850MHz, 1900MHz Integral antenna. Optional external antenna
Data Transmission	SMS or GPRS. 15mins, 30mins, 1 hour, 1 day, 1 week or monthly at programmable date and time
Serial Port	Type: Full duplex, asynchronous Data rate: 1200, 2400, 4800, 9600 bps
Memory	Size: 128K, allocable between channels as required (max 64K per channel) Type: Solid state, non-volatile
Clock	Type: Crystal controlled calendar clock with leap year adjustment Accuracy: 100 seconds per monthly maximum error over operating Temperature range Synchronization: Option to synchronize clock to GSM network
Supply	Type: Internally powered by a replaceable lithium cell. Internal back up cell maintains logging and local communications when battery pack is discharged Life: Typical battery life > 5 years depending on mode of use
Recording	Recording interval: programmable between 1 second and 1 hour Data storage: Rotating store or store until full Supports average and statistical recording (min, max, mean, standard deviation) over a defined logging interval
Alarm dial-out	High/low threshold and profile alarms independently configurable on each channel Option to update data on alarm and more frequently thereafter Operating ambient temperature: -20°C to +50°C
Environmental	Protection classification: IP68 (submersion at 1m depth for > 24 hours)
Dimensions	Dimensions: 191mm x 140mm x 150mm Weight: 1 kg
Accessories included	3 way mil-spec Cable Helicoil Pressure hose with 1/4 quickfit connector, 2 Programming Cables
Software	Compatible with PMAC Software
Other Requirements/Conditions Includes:	Warranty 5 units 100m & 5 units 200m Prepaid simcards with Php500.00 load each

Other Requirements:

Delivery : 60 calendar days upon receipt of Purchase Order.
Freight : FOB COWD Warehouse, Kauswagan, CDOC
Payment : 15 calendar days after completion and final acceptance

NOTE: Please provide your specifications on a separate page using your own letterhead.