

Technical Specifications

DESCRIPTIONS/SPECIFICATIONS		<u>STATEMENT OF COMPLIANCE</u> (State “Comply or not Comply” for each item description and specifications and attach your company shop/drawing and or brochures / and or Literatures)
PR No. 16-02-08-034: 1 Lot Supply, Delivery and Energization of Five Units Electromagnetic Flow Meter with Data Logger, Including Wires and Cables, Flanges and Bolts and Necessary Fittings		
SENSOR	Type	: Remote, Battery Operated and Flange Type
	Size	: 10" Ø
	Installation Requirement	: U0D0 (Buriable)
	Standard	: ISO 4064:2005 or OMIL R-49:2013 compliance
	Dynamic Range	: R 200 (minimum) with Class 1 accuracy
	Conductivity	: $\geq 5\mu S/cm$ (minimum)
	Protection Class	: IP68
	Meter Body	: Carbon or Stainless Steel
	Meter Display	: Flow rate, forward, reverse and net totalizer, pressure (internal or external)
	Coating	: Anti-resistant epoxy coating
	Data Logger	: Internal or External
	Measured Volume	: Water
	Lining	: Polyurethane, hard rubber, PTFE, Ebonite, Elastomer or PP Material
	Electrode	: Alloy types such as SST 316L or 316 Ti, Hastelloy C, Titanium or Tantalum
	Flow Rate Units	: m3/hr, USGPM, l/s
	Operating Temp.	: 35°C (minimum)
	Pressure	: 1.6 Mpa, 16 Bars (minimum)
	Flange Material	: Corrosion resistant material
	Grounding	: Using ground rings or grounding rods if applicable
	Battery Life	: 5 years (minimum) and replaceable
Warranty	: 2 years	
CONVERTER	Converter material	: Corrosion Resistant material
	Display	: 7 Digits LCD (minimum)
	Basic alarms	: Battery level, empty pipe detection, etc.

	Converter Installation	: Wall Mounted	
	Output	: Pulse output	
ACCESSORIES	Cables	: Not less than 10 meters and protected by Braided copper shielding	
	Pressure transducer	: External Type (PN16) if data logger is internal or built-in.	
	Software	: Free for charge software	
DATA LOGGER	Data Logger Sending	: via SMS or GSM/GPRS	
	Transmission	: SMS or GPRS. 15mins., 30mins., 1 hour, 1 day, 1 week or monthly at programmable date and time. Can be downloaded on site	
	Logging Interval	: Capable for 1 second minimum logging interval	
	Memory Size	: 128kb (minimum)	
	Battery Life	: 5 years (minimum)	
	Protection Class	: IP68	
	Channel	: 3 channel (minimum)	
	Data storage	: Rotating store or store until full support s average and statistical recording (min, max, mean, standard deviation) over a defined logging interval	
CONDITIONS:	1. Provide preventive maintenance and trouble shooting and repair training at least 1 to 2 days.		
	2. Provide sim card with Php500.00 worth of load each for the 5 data loggers (for testing purposes).		