

Section VII: Technical Specifications

Item	Specification	Statement of Compliance
1.	WATER METER (BRAND NEW, CLASS B) 1,600 Pieces	Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause Error! Reference source not found. and/or GCC Clause Error! Reference source not found.
	Type: Multi-jet/Velocity type	
	Transmission: Magnetic-Direct	
	Accuracy: B- Horizontal	
	Working Temperature: 50°C The meter can work without deterioration on temperature at local climate.(with supporting documents)	
	Installation Set-up: Horizontal	
	Body: Rust proof, heavy duty in metallic composition with threaded connections.	
	Register: Dry Type, hermetically sealed, and it must be encapsulated in anti-magnetic rust proof metallic container (Copper Tin Can 99.98% Cu with supporting document)	
	Magnetic Protection (Shielding): Must be made from rust proof material(electroplated-acceptable)	
	Meter Length w/o tailpiece: 165mm with ± 5mm tolerance	
	Tailpiece length: 45mm	
	Height: 100-115mm	
	Width: 74-80mm	
	Weight w/ tailpiece: 0.875 (with tailpiece at one end)	
	Connection thread: 19mm	
	Metrological Classification	
	A. Maximum Flowrate(Qmax):3cu.m/hr Accuracy: + or-2%	
	B. Normal Flowrate(Qn):1.5 cu.m/hr Accuracy: + or-2%	

	C. Transitional Flowrate(Qt):0.12 cu.m/hr Accuracy: + or-2%	
	D. Minimum Flowrate(Qmin):≤0.03cu.m/hr Accuracy: + or-5%	
	Maximum Working Pressure: 150 psi	
	Regulating Sealing Screw: Brass made	
	Regulating Screw: Must be easy to manipulate without the need to remove the internal chamber. Made of high density engineering plastic	
	Flow: Non Uni-directional / Bi-directional	
	Standard of Compliance:	
	Product: ISO 4064-1:2005-with supporting Certificate duly Authenticated by the Consul.	
	<p>Quality Management System: ISO 9001:2008 with supporting Certificate duly Authenticated by the Consul.</p> <p>ISO 14001:2004 with supporting Certificate duly Authenticated by the Consul.</p>	
	Testing Method & Calibration: Calibration Laboratory ISO/IEC 17025:2005	
	<p>Manufacturing Process: OIML de Conformance R49/2006- with supporting Certificate duly Authenticated by the Consul.</p> <p>Patent Test certificate from an independent body, authenticated by the Philippine Consulate.</p> <p>Certificate of Port of Origin of the meter being offered.</p>	
	Body: High quality materials for maximum resistance to wear and tear.	

	<p>Upper body casing is Plastic (ABS Resin) and lower casing solid brass (with supporting technical/material composition from the third party laboratory)</p> <p>Qmax & flow direction marked on both sides of the body.</p> <p>Maximum Working Pressure: 16 bars Mesh Filter for added protection against debris.</p> <p>Serial Number: Engraved or embossed on the side of the body & on the top upper body casing</p> <p>Security: Must be hermetically sealed. Copper Tin Can & Glass Assembly of anti-tampering tape.</p> <p>Regulator outside meter casing for external calibration.</p> <p>Sealing Mechanism: Compliant to IP68 Standard (with supporting certificate from the third party laboratory).</p> <p>Guarantee :</p> <p>Availability of spare parts and gaskets</p> <p>Availability of sets of measuring inserts</p> <p>Availability of meter cover and its pin</p> <p>LWUAA Accredited</p> <p>Note : Tailpieces not included</p> <p>The water meter must have the NWD logo and meter no. inside and NWD + meter no. engraved on the outside.(see attached drawing)</p> <p>Bidders must submit an itemized water meter spare parts/components shop drawing with corresponding prices.</p>	



2. SERIAL NO. WITH NWD

1. LOGO OF NORWD

NWD-2022111441

1.5 m³/h 30°C

LXS-13D

m³

X2,000