Scope of Works	
1. Supply, delivery, installation, and commissioning of the and appurtenances unit at site.	
2. Management and supervision on the installation of the units and appurtenances	
3. Provision of recommended installation drawing.	
4. Manpower, local pipe, fittings, and valve materials for the Installation that will be custom to site.	
5. After Sales Service • Service response within twenty-four (24) hours upon receipt of the report from any of the Calamba Water District's Authorized Representative • Monthly Preventive Maintenance Service **6. Warranty –** One (1) year warranty on replaceable parts and complete replacement of the equipment and its components, upon identification of a possible defect, by the Calamba Water District (Absolute) - Twice a week inspection of the equipment and its components **Warranty Validity –** From Three Month-Period of Evaluation plus Twelve (12) Months, for a total of Fifteen (15) months from date of Final Testing and Commissioning	

SUBJECT: AUTOMATIC SELF-CLEANING IN-LINE SCREEN

FILTERSPECIFICATIONS:

DISCHARGE PIPE SIZE	FLOW	FILTER SIZE
4" Ø	15 LPS	4" Ø, 130 mic

1. **FILTER TECHNICAL SPECIFICATIONS**

Auto Flush Screen Filter	4" Auto screen Filter
Features	**Data**
Flow Discharge capacity*	15 lps (54 cubic meter per hour)
In-Out Diameter	4"; 100mm
Maximum Working Pressure	2-10bar; 145psi
Filter Element	Stainless Steel Screen AISI 316L mesh supported by a PVC cylinder
Flushing Trigger	By Time setting or Manual Over ride
Pre-Treatment	Sand blasting up to Sa 2.5 grade
Housing	Carbon Steel ST37.2
Interior and Exterior Coating	Electrostatic oven baked polyester-epoxy powde coating with thickness of 150-200micron
Control/Power Supply	Analog FT1 Controller, DC Type / 6V DC

Note: The reflected discharge capacity of the Filter are based on clean water flow at less than 2 PSI head loss across the screen element. The custom-to-site discharge and auto-flush interval settings will be based on the actual sand-loading and pressure demands downstream.

2. **FILTER SPECIFICATIONS:** Automatic Self-Cleaning In-line Screen Filter

Model	In/Out Diam. (inch)	D1 (inch)	L (mm)	(inch)	L1 (mm)	(inch)	H (mm)	(inch)
Auto 4"	4"	8"	675	26.6	881	34.7	487	19.2

3. **TYPICAL INSTALLATION SCHEME REFERENCE – AUTOMATIC SELF CLEANING IN-LINE SCREEN FILTER: Including Bypass Connection:**

NOTE:

To Provide Reducer (6"x4") for Barangay Milagrosa Pump Station

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