

Drip Irrigation Technology - Indicative Bill of Quantities for 0.2 ha at farmer's field

SN	Component/ Lateral to Lateral x Dripper spacing (mxm)	Unit	12x12	10x10	9x9	8x8	6x6	5x5	4x4	3x3	2.5x2.5	2x2	1.5x1.5	2.5x0.6	1.8x0.6	1.5x0.6	1.2x0.6	
Control Unit																		
1	Screen filter 10 m3/hr / Disc filter	No.	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1
2	Ventury & manifold (1 1/2")	No.	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1
3	Air release Valve 1"	No.	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1
4	Non Return Valve - 1.5"	No.	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1
5	By-pass Assembly - 1.5"x1.5"	No.	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1
Field Unit																		
6	PVC/HDPE* Pipe 50 mm, class-III; 6 kg/cm2	m	-	-	-	-	-	-	-	-	-	48	48	48	48	48	48	48
7	Lateral 12 mm, Class II ; 2.5 kg/cm2	m	-	-	-	-	-	-	-	-	-	¹⁰¹⁰ 1347	1347	20	27	32	40	40
8	Emitting Pipe 12 mm; Class II: (0.6 m x 1 to 4lph)	m	-	-	-	-	-	-	-	-	-	0	0	808	1122	1347	1683	1683
9	Emitter/ Dripper 4/ 8 lph	No.	-	-	-	-	-	-	-	-	-	¹⁰²⁰ 907	907	0	0	0	0	0
10	Control Valve 50 mm	No.	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1
11	Flush Valve 50 mm	No.	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1
12	Throttle Valve - 1.5"	No.	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1
13	Fittings/Installation & Accessories @5%	set	-	-	-	-	-	-	-	-	-	5%	5%	5%	5%	5%	5%	5%

