

Price Schedule for Smart Irrigation Items in PemaGatshel Dzongkhag for FY 2023-2024

					Total Price in Figure [In Nu.]			
Item No.	Name and Description of Item	Unit	Qty	Technical Specification	DRUK HORTICULTURE PRIVATE LIMITED (77784166)	GAMANA ENTERPRISE (77454661)	D2D BrightSight Infotech (7285700)	SUNRISE ENTERPRISE (17722906)
1	Inline drip	meter	1	LDPE 16mm, 23.6 inch spacing	22.000	39.000	4399.000	35.000
2	SMART irrigation controller	set	1	Solar power system (complete set) based on ESP 32 and 8266 mcu. Inbuilt 8 watering zones with option to add 72 additional zones. Capacity to control master pump. 80 Watt solar panel, 18-26 AH rechargeable battery, 10 Amp digital charge controller.	84208.000	22349.000	0.000	580000.000
3	Pump relay switch	set	1	With Microcontroller interface	8772.000	2879.000	0.000	4500.000
4	Solenoid valve	pcs	1	25 mm	2402.000	3449.000	0.000	8000.000
5	Wifi router	set	1	3/4 G SIM base wifi router	1950.000	3349.000	3799.000	6800.000
6	MCB Switch	Pcs	1	16 Amp	957.000	189.000	229.000	230.000
7	Copper wire	roll	1	4 mm sq	7193.000	4869.000	0.000	4700.000
8	MCB Switch box	Pcs	1	2 ways	1211.000	179.000	0.000	280.000
9	Float Switch	set	1	Output capacity: 1-30 HP pump max, Cable length 4 meter	1053.000	2879.000	0.000	6000.000
10	Screen filter	pcs	1	25 m cube, 100 micron	4474.000	1499.000	0.000	6500.000
11	CPVC pipe	pcs	1	25 mm	825.000	499.000	559.000	545.000
12	CPVC pipe	pcs	1	32 mm	1229.000	836.000	629.000	880.000
13	CPVC pipe	pcs	1	20 mm	536.000	324.000	499.000	330.000
14	CPVC Elbow	pcs	1	25 mm	64.000	37.000	89.000	45.000
15	CPVC Elbow	pcs	1	32 mm	120.000	84.000	149.000	80.000
16	CPVC Elbow	pcs	1	20 mm	36.000	18.000	87.000	25.000
17	CPVC Tee	pcs	1	32 mm	151.000	106.000	179.000	120.000
18	CPVC Tee	pcs	1	20 mm	51.000	31.000	69.000	35.000

19	CPVC end cap	pcs	1	21 mm	30.000	14.000	0.000	20.000
20	CPVC MTA	pcs	1	MTA 25 mm	193.000	324.000	699.000	260.000
21	CPVC brass FTA	pcs	1	20 X 15 mm	137.000	79.000	689.000	250.000
22	CPVC FTA	pcs	1	20 mm	115.000	202.000	499.000	250.000
23	CPVC FTA	pcs	1	50 mm	653.000	1822.000	1799.000	880.000
24	CPVC ball valve	pcs	1	32 mm	404.000	479.000	0.000	880.000
25	CPVC ball valve	pcs	1	20 mm	36.000	163.000	0.000	180.000
26	CPVC reducer cap	pcs	1	32 X25 mm	106.000	76.000	0.000	120.000
27	CPVC reducer cap	pcs	1	50 X 32 mm	274.000	151.000	0.000	180.000
28	CPVC reducer cap	pcs	1	25 X20 mm	127.000	36.000	0.000	110.000
29	HDPE MTA step reducer	pcs	1	20mm-12mm	27.000	1989.000	0.000	280.000
30	CPVC gum	pcs	1	medium size tin	548.000	199.000	489.000	220.000
31	High pressure pump	PCS	1	1 HP, Single phase, 240 V AC	14386.000	9449.000	4999.000	7800.000
32	Air releasing valve	PCS	1	20 mm in-out	416.000	2349.000	0.000	4500.000
33	Shuttering Plyboard	PCS	1	18 mm	2827.000	2879.000	0.000	1800.000
34	Ceiling Fan	PCS	1	100 watts, 240V ac	2807.000	2989.000	0.000	4200.000
35	Copper wire	roll	1	1.5 mm sq	3641.000	2249.000	0.000	2300.000
36	Power relay switch	PCS	1	With Microcontroller interface (4500 watts)	8772.000	1949.000	1999.000	8000.000
37	Zip lock clamp	pcs	1	20 cm length	229.000	24.000	479.000	460.000
38	Wifi-IoT base Temperature/Humidity thermostat	pcs	1	Device access through Wi-Fi network and IoT system, Temperature range: 0-100 0C, Humidity 0-100%, Output load capacity: 4500 watts max, 240V AC	13158.000	8799.000	0.000	15000.000