RAINWATER HARVESTING SYSTEM DETAIL

1. Rainwater collection point (roof drains, gutters, etc)
2. Inteva Purin hydraulic jump prefilter (possible 97% collected)
3. QCS Cistern
4. Smoothing inlet – flow calming device to eliminate turbulence from incoming water
5. Cistern overflow/filter reject – pipe to storm drain or BMP
6. Floating stainless steel suction filter
7. Cistern level sensor 4-20 mA output
8. Transfer pump controlled by day tank level + daily transfer @ 4 a.m.
9. Check valve
10. Judo Self-Cleaning Sediment Filter
11. ATS UV Sterilizer
12. Rotoplas Day Tank – size for daily demand
13. Day Tank level sensor – 4-20 mA
14. Building pump
15. Non Slam check valve
16. Hydro-accumulator tank
17. Day tank overflow (pipe to storm drain)
18. Control panel fills buffer tank daily, and as required, maintains building pressure.
19. City Water Supply at Design Pressure + 10 psig maximum
20. Approved backflow prevention device
21. Gauge
22. Actuated valve controlled by daytank level
23. Sediment filter backwash to storm drain

For pricing contact 404-991-0404

ABOVE GROUND TANK, END SUCTION TRANSFER PUMP, UV TREATMENT, DAY TANK, END SUCTION BUILDING PUMP WITH HYDRO-ACCUMULATOR, BUFFER TANK FILL STANDBY CONNECTION