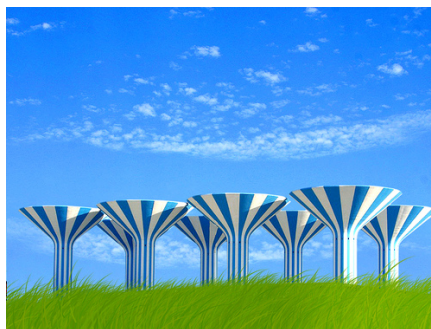


The Tank People

If you need a tank, we're your people.



This proposal is based on the *MultiCare Emergency Department & Cancer Center Expansion* bid documents, dated 11.28.2007.

Based on the drawings, specifications, project schedule, and site constraints as noted below, we are pleased to present the following lump sum proposal of: **\$154,990.**

ASSUMPTIONS & CLARIFICATIONS

The following scope of work represents the basis of our estimate:

Tank

20,000 gallon below-grade single compartment tank (35'L x 10'-5"W x 10'-5"H) for the project's rain cistern system.

Features include:

- The Bruiser is a very tough multipurpose tank. It can be used as a septic tank, a pump chamber or as a cistern tank for potable water. Backfill to be completed with native soils with no additional water requirements.
- Rugged, OcTank design
- Light weight for easy transport and installation

Filtration

This filter has a unique dual cascade design that provides a high level of filtering efficiency, independent of flow rate. This self cleaning, low-maintenance filter provides continuous filtering of dirt particles up to .55mm. Filter housing is composed of high quality plastic with secondary mesh made from durable stainless steel.

- As rainwater arrives, the water level builds up until it overtops the filter lip, providing equal distribution across the full width of the filter cascade.
- Larger debris is removed by the filter cascade and washed downstream with a small amount of rainwater.
- Pre-filtered water falls through the filter cascade and flows over a secondary filter sieve (mesh size 0.55 mm) removing the finer particles. Due to the special structure of the sieve mesh, any dirt is washed directly downstream making the filter self cleaning, with minimal maintenance required.
- Cleaned water flows to the rainwater storage tank. Dirty water flows downstream.

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- Floating inlet filter with flexible suction hose
- An air-filled ball suspends the floating inlet filter just below the water surface where the cleanest water resides. The filter is connected to a high quality flexible suction hose that is specially formulated to resist biological activity. The hose has a 1" diameter and is 6' long. The filter is comprised of lead-free brass with a 1.22 mm stainless steel screen and a built-in check valve.

Pump System

Goulds 115V ½ HP pump & base

- 115V 1/2HP multi-stage, bottom-inlet, high head submersible pump with base. Pump base has a 1" brass barbed fitting.
- Smart Press automatic pump controller: Electronic Controller with integral flow regulation turns pump on and off when points of use are opened and closed. The Smart Press provides constant pressure without the need for additional pressure vessels, also provides dry run protection.

Additional Clarifications:

- Water enters the storage tank through the 'calmed inlet'. The inlet prevents the disturbance and re-suspension of fine sediments that gather on the bottom of the tank. Another important function of the inlet is the introduction of oxygen into the lower layers of the tank which maintains a fresh supply of water while preventing anaerobic conditions from forming.
- Standard overflow siphon.
- The innovative overflow siphon creates a skimmer effect at the max tank level to remove particles that float slowly to the water surface. Removing this floating layer of surface pollutants through regular overflow from the tank is important in order to maintain high quality water. This overflow siphon also includes a rodent-proof mechanism
- Excludes WSST
- Excludes Permits

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Date: January 13, 2010
Location: MultiCare - Tacoma, Washington
Project Name: MultiCare - Emergency Department & Cancer Center Expansion



Labor Burden	52.16%	\$15,405
Small Tools	4.00%	\$1,181
Taxes and Insurance	1.44%	\$1,906
General Conditions	10.00%	\$13,419
Fee	5.00%	\$7,380
Subtotal (without WSST)		\$154,990
Kingston State Sales Tax	9.5%	\$14,724
Total (including WSST)		\$169,714