

INVITATION TO TENDER “ITT” No. PS20161432  
CONTRACTOR FOR WATERLESS TOILET BUILDINGS AT FRASERVIEW AND MCCLEERY

QUESTIONS AND ANSWERS NO. 2

ISSUED ON Oct. 6, 2016

Q1	What is the installation sequence of the waterless toilet system chambers? In other words are the chambers installed / assembled in the toilet tank rough openings through the access hatches in the suspended concrete slab or before the suspended concrete slab is cast?
A1	It is expected that the waterless toilet system tank will be in place prior to concrete floor being cast. Manufacturer has confirmed waterless toilet system tank cannot support concrete slab and formwork may not be placed inside tank. Formwork design by contractor. Formwork may be abandoned if required by toilet tank installation and floor slab casting process. The use of galvanized metal deck as formwork is acceptable subject to formwork engineering review by contractor. Depth of concrete tank may be increased to suit formwork and recommended waterless toilet tank installation procedure as per Carscadden addendum #1 (Oct 5 2016). Contractor to confirm/coordinate waterless toilet system and floor slab installation with manufacturer.
Q2	Section 10 80 00.3.4.2.5 called for Fabbback Acrylic Sheet Mirror. Drawings in reference sheet 4/am3.0 indicated Mirror and Shelf. Please clarify.
A2	Shelf details shown on 1/Af4.0 and 1/Am4.0. Mirror mounted above shelf as noted on 4/Am3.0 and 4/Af3.0.
Q3	Please address comment from specified Solar Panel supplier: “They currently have the roof of the buildings oriented the wrong direction for proper solar exposure”.
A3	The orientation has been reviewed with the Solar Panel supplier. Solar Panel supplier to supply panels in a quantity appropriate for current orientation. No changes to roof orientation will be made at this time.
Q4	Please specify how the polyethylene tanks are secured in the concrete chamber. Please specify how concrete slab is placed over the polyethylene tank.
A4	Polyethylene tanks are to be secured as per manufacturer recommendations. Concrete slab can be placed over tank as per clarifications in current Addendum.

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Q5	Please provide specifications for Damproofing to pit walls, Rigid insulation around the pit walls, Exterior hollow metal washroom doors, Locker
A5	See AMD 2.