



TENDER

Specifications for a building at the Church Point Waste Water Treatment Plant

#150 Lighthouse Road

Erect a building on top of an existing U.V. Disinfection Tank (12' X 16')

FOUNDATION

1. 8" wide X 24" high concrete walls around the perimeter with 25 MPA.
2. ½" Rebar to be drilled and epoxied to existing wall (to be drilled 4" deep, 16" o.c.)
3. Two rows of ½" horizontal rebar to be attached to the uprights (4" from the bottom and top of the wall).
4. Pressure treated plate to be embedded into the concrete with anchor bolts spaced at a maximum of 8' intervals, 2" X 4" plate.
5. Bentonite water stop strip is to be installed on top of the existing concrete wall before pouring the concrete for the new wall. (Bentonite strip is approximately 1" square)
6. The bottom of the entry door to be 9" higher than the top of the existing tank.

WALL

1. Walls to be studded with 2" X 6", 16" o.c. with a finished ceiling height of 6'-2" (approximately) from the top of the new concrete wall to the underside of the ceiling.
2. Window and door lintels to be 2 pcs. 2" X 4".
3. Both jack studs to be pressure treated if in contact with concrete (for door only).
4. Exterior sheathing to be ½" plywood.
5. Insulation to be R-20 batt insulation.
6. Vapour barrier to be 6-mil poly properly sealed with acoustical sealant or Tuck Tape.
7. Inside is to be strapped with 1" X 4", 16" o.c.
8. Inside is to be covered with Munelex PVC Panels with the required accessories (walls and ceilings). The 16" panels with the locking lip are to be used, white in color.
9. Top of the front window to be the same height as the top of the door. Top of the rear window to be 8" lower than the front window.
10. The top of the concrete wall is to have a 1 ¾" X 1 ¾" cant strip to cover the remaining concrete. The cant strip is to be flashed with white aluminum, extending 4" under the Munelex PVC panels and extending 1" on the interior face of the concrete wall.
11. Inside window and door trim to be ¾" X 4" PVC trim, white colour. Any window or door jamb returns to be PVC as well.

12. Exterior siding to be cement board, hardy plank or equivalent product, Allura 8.25" X 12', wall to be strapped to provide an air space. Thickness will depend on the siding manufacturers installation instructions (siding colour sterling grey).
13. Air barrier to be Tyvec or equivalent product, properly sealed with tuck tape.
14. Corner boards to be made with 2" X 6" clad with the white aluminum.
15. Windows and doors to be flashed with white aluminum.
16. Door to have a "lever type" keyed door knob with a satin nickel finish.
17. Both windows to be Allsco, W=36", H=48" with the top part fixed and bottom part an awning.
18. Door is to be a white steel door with PVC jamb. A 36" left hand inswing with an openable window.

ROOF

1. Roof will consist of engineered roof trusses. They are to be attached with Hurricane Clips and the approved fasteners. The trusses are to extend past the exterior wall face to provide a 12" finished soffit. (5" in 12" pitch)
2. Roof sheathing to be 5/8" plywood.
3. Roof is to be covered with Cool Grey Synthetic Underlayment (or equivalent product).
4. Eave protection to be one strip ice and water shield.
5. Roof shingles to be Everest 42, BP Shadow Black.
6. Ridge vent to be installed the entire length of the building.
7. Starter Strips to be 4", white aluminum.
8. Soffit eaves to be covered with white vinyl perforated soffit. Soffit rakes to be covered with white vinyl non-perforated soffit.
9. Facia boards to be covered with white vinyl facia boards.
10. Foam Truvents are to be installed under the roof sheathing between each truss, extending into the soffits and above the top of the attic insulation.
11. Attic to be insulated with R-20 batt.
12. Ceiling is to have a 6-mil ploy vapour barrier sealed with acoustical sealant or Tuck Tape.
13. Ceiling finish is to be Munelex, same specifications as for the walls.
14. Attic hatch, 22" X 36".

**** Any electrical and plumbing will be supplied by the Municipality****

For any information, please contact Jody Comeau at 902-769-7458.

The Contractor shall provide proof of Liability Insurance and Workman Compensation or private insurance coverage.

The Contractor shall ensure that all construction safety requirements of the Department of Labour, Occupational Health and Safety Division, are complied with.

The Contractor is responsible for the removal of all construction debris from site and disposal at the Municipal Transfer Station.

Every precaution shall be taken to ensure the safety of the public and staff using the building during normal working hours.

Completion Date: April 30th, 2017