

PERIMETER WALL REPAIR PROJECT

PROJECT NO 2014-003

1.0 PROJECT DESCRIPTION

1. PROJECT SYNOPSIS

The project is described as “reinforce and extend existing perimeter wall “related to the embassy compound perimeter wall.

The Contractor should furnish all necessary materials, labor, transportation, equipment, investigation and supervision, etc. Work will performed within in fixed-price contract.

2. BACKGROUND

Currently the peripheral wall of the embassy has various cracks (surface cracks, partial cracks, deep cracks)

The reinforcement of the wall structure are exposed (the rebar are rusted).

Concrete beams are detached some parts of brick wall

The trees roots are pushing the wall

3. SOLUTION

- Contractor to remove all loose concrete and exposed, rusted rebar as needed.
- Install new 1 meter wide footer at exterior of existing wall where shown in the construction drawings.
- Contractor to drill existing wall and epoxy new rebar into wall to secure new wall to existing.
- Install new poured concrete wall with steel reinforcement as called out in the drawings.
- Remove existing security wire and metal from existing walls where extending the wall, extend the wall with steel reinforced poured concrete. Install new steel security bars and wire where wall has been extended.
- No concrete block will be allowed in construction. No sand or shells with be allowed in concrete, ONLY gravel will be allowed. Any work found to not follow this will be removed and replaced at contractor expense.