SCOPE OF WORKS AND SPECIFICATIONS

PROJECT: **DESIGN & CONSTRUCTION OF ACCESS ROAD, EXTENDED FENCE HEIGHT AND SLOPE PROTECTION**

LOCATION: Septage Treatment Plant, Brgy. Palo Alto, Calamba City, Laguna

DATE: January 20, 2023

The Scope of Work includes the furnishing of all labors, materials, equipment and tools including technical supervision necessary to complete the project.

A. ACCESS ROAD/ROAD DEVELOPMENT WORKS

The Contractor shall be responsible for the following:

- Site clearing. No tree is to be removed without the written permission from the Project-in-charge.
- Grading, leveling and compaction works.
- Provision for soil poisoning.
- Provision for gravel bedding, base course.
- Formworks and rebar works. Use 10mm dia x 6m corrugated bars. For steel grating, use 2 ½".
- Concreting works: For access road, use 4000psi. For concrete gutter, use 3000psi.
- Provision for open canal with precast pavers (see details)

B. EXTENDED FENCE HEIGHT

The Contractor shall be responsible for the following:

- For the extension of fence height due to embankment, use the following:
  Rebar works: 12mm and 16mm diameter for footing and column
  Formworks: ½" thk x 4' x 8' phenolic board and 2" x 3" x 12' coco lumber
  Masonry works: 5" thk Concrete Hollow blocks
  Plastering Works: Thickness of plaster shall not be less than 20mm
  Painting works: Painting works shall be in accordance to standards. Colors shall be coordinated with the Project-in-charge prior to ordering and application.

C. SLOPE PROTECTION/RIPRAP CONSTRUCTION

The Contractor shall be responsible for the following:

- Site clearing. No tree is to be removed without the written permission from the Project-in-charge.
- Grading, leveling and compaction works.
- Provision for gutter railing, gutter insert with filter and clean out. For railings, use 2”x3”, 2”x2” & 1”x1” tubular bar.
- Construction of weepholes.
- Use grouted riprap.
- Support and protection shall be provided by the Contractor.