

Republic of the Philippines
METRO ROXAS WATER DISTRICT
MRWD Bldg., Km. 1, Roxas City 5800, Philippines

November 21, 2019

SUPPLEMENTAL/ BID BULLETIN

NAME OF THE PROJECT: CONTRACT FOR THE PROCUREMENT OF INFRASTRUCTURE PROJECT FOR THE CONSTRUCTION OF CONCRETE CHEMICAL WAREHOUSE EXTENSION

This Addendum No. 1 is issued to modify or amend the Section V - Special Conditions of Contract and Section VI- Specification of the Bidding Documents, under the CONTRACT FOR THE PROCUREMENT OF INFRASTRUCTURE PROJECT FOR THE CONSTRUCTION OF CONCRETE CHEMICAL WAREHOUSE EXTENSION. This shall form an integral part of the Bidding Documents.

Amended Section V- Special Condition of Contract:

GCC Clause	
10	The site investigation report is: 1. Location and Invert Elevations of Existing Utilities

Amended Section VI- Specification:

GENERAL CONSTRUCTION SPECIFICATIONS

This set of specifications shall govern the method of construction and the materials to be used for the proposed building shown in the plans and detailed drawings.

The plans, detailed drawings and these specifications shall be considered as complementing each other so what is mentioned or shown in the plan shall be considered both in case of conflict between the two; the same shall be referred to the supervising engineer for resolutions.

GENERAL CONDITIONS

All part of the construction shall be finished with the first class workmanship to the fullest talent and meaning of the plans these specifications and to the entire satisfaction of the engineer and the procuring entity.

These instructions shall conform to the requirements of the National Building Code as well as local Rules and Regulations of the Municipality of Panitan Philippines.

STAKING OUT THE BUILDING

The building lines shall be staked out and all lines and grades shown in the drawings established before any excavation is started. Batter board and reference marks shall be erected at such placed that they will not be disturbed during excavation of the building.

EXCAVATION

All the excavations shall be made to the grade indicated in the drawings. Where the building is covered with any kind of fill, the excavation of footing should be made deeper until the stratum for safe bearing capacity is reached. Whenever water is encountered in the excavation process, it shall be removed by pumping. Care should be taken that the surrounding soil particles are not distorted or removed.

BACKFILLING

After concrete for foundation is hard enough to withstand pressure resulting from fills, the materials removed from excavations shall be used for backfill around them.

Backfill and fills shall be placed in layers not exceeding 150mm, in the thickness and each layer shall be thoroughly compacted by wetting, tamping, and rolling.

CONCRETE WORKS

All concrete shall be mixed thoroughly until there is uniform distribution of cement and aggregates and shall be deposited as nearly as practicable in its final position. Care being taken to avoid segregation of aggregates. Water to be used for mixing concrete shall be clean and free from injurious amount of oil, acids, alkalis salt and other organic matters.

All concrete works shall be done in accordance with standard specifications for plain and reinforced concrete as adopted by government. Cement to be used shall be Portland cement.

The following proportion of concrete mixtures shall be used for various part of the building:

Columns and Footing – Class A (1:2:4)

CHB Footings – Class A (1:2 :4)

Reinforced Concrete Beams and Slabs – Class A (1:2:4)

Concrete Slab on Fills – Class C (1:2:4)

Concrete slab on fill shall be poured on a gravel bed of not less than 100mm thick. Each concrete course to be poured shall not be more than one (1) meter wide and each course shall be poured alternately to the indicated floor finishes.

FORMS FOR CONCRETE WORKS

All forms for concrete works shall be properly braced or tied together so as to maintain the correct position and shape of the concrete members. Forms shall be constructed sufficiently tight to prevent bulging and seepage of water.

Forms shall be removed until the concrete has attained sufficient strength to support its own weight and any loads may be placed in it. Side forms for beams and girders may be removed earlier from the bottom forms but additional post or shoring may be placed under the beams or girders until they have attain there strength.

When preparing concrete for roof deck, it should be waterproof by adding water proofing compound cement. The proportion shall be one pack of water proofing compound cement for every bag of cement on class A concrete mixture.

STEEL REINFORCEMENT BARS

All steel reinforcing bars to be used in this construction shall be round deformed bars with lugs or projections on their side to provide greater bond between steel. All steel reinforcing bars to used shall have a minimum Grade 33.

All steel reinforcing bars to be used shall be accurately placed and secured against displacements by tying them together to each bar intersection with No. 16 tie wire.

Steel reinforcing bars indicated for footings, columns, slab, beams, girders and other concrete members shall all conform to the number, size and spacing as indicated in the drawing or schedule of steel reinforcements.

CONCRETE HOLLOW BLOCKS

All exterior concrete hollow blocks to be used shall be at least 100mm thick.

It shall be laid and cells filled with cement mortar consisting of one part Portland cement to three parts sand by volume. They shall be reinforced with 10mm diameter deformed bars spaced not more than 600mm on centers both ways.

ELECTRICAL WORKS

The electrical installation shall be in accordance with the approved plans and under direct supervision of a duly licensed professional electrical engineer or master electrician.

All electrical works and materials shall conform to the provisions of the latest edition of the Philippines or National Electrical Code.

The electrical wiring shall be installed thru PVC electrical conduit fittings and appurtenances conform to ISO dimensions.

The type of electrical services supplied to the building shall be 220v-230v, single phase.

PAINTING

All painting works in this project except herein specified shall be done with latex paint whose specification hereby declared and made as part of the specifications with the same force effect as it is written herein in full.

Before painting is done, all surface shall be clean, smoothed and free from dust, grease, mortar, rust and other foreign substance and all parts where paints removed has been used shall be washed off with or lacquer thinner. All paint shall spread evenly and carefully.

All paint and painting materials shall be delivered to the building site in unbroken packages.

for: 
ATTY. DANTE A. ARCANGELES
Chairperson
Bids and Awards Committee


Carlos Limboy Jr
25 November 2019