



PHILIPPINE GENERAL HOSPITAL
The National University Hospital
University of the Philippines Manila
OFFICE OF ENGINEERING AND TECHNICAL SERVICES
Taft Avenue, Manila

*PHIC-Accredited Health Care Provider
ISO 9001:2015 Certified*

**Project Title : PROPOSED RE-ROOFING OF E.R. BUILDING AND REPAINTING OF
ROOFING OF LEFT REAR WING QUADRANT BUILDING**
Location : PGH COMPOUND TAFT AVENUE, ERMITA, MANILA

SCOPE OF WORKS & SPECIFICATIONS

GENERAL REQUIREMENTS

1. GENERAL CONDITIONS

- 1.1 The Contractor shall furnish all the materials, labor, tools, equipment, and supervision for the completion of all the works of the Project as indicated on the plans, specifications and contract documents.
- 1.2 The Contractor shall visit and carefully examine the site and check all the possible interference and conditions affecting the works.
- 1.3 Extra care must be observed during dismantling works to avoid damage on the existing facilities such as Telephone and Internet Lines, Paging System Accessories, Medical Gas Lines, Sewer and Water Lines, etc. Any damaged thereof should be restored to its original status at the expense of the Contractor within two (2) weeks. Otherwise, construction activity will be stopped.
- 1.4 The Contractor shall engage under him, a registered Civil Engineer or Architect to supervise his work. The Project Engineer or Architect shall remain at all times in the construction sites. He/she is required to submit a regular status report on the progress of work in accordance to the submitted Gantt chart of activities to track timely accomplishments.
- 1.5 The Plans and Specifications shall be interpreted only by a competent registered Engineer. The Contractor is enjoined to confer with the Project Engineer or OETS on drawing/items he failed to understand before submitting his bid. No excuses shall be entertained for misinterpretation on the Plans and Specifications after the award of the

Contract. All work as deemed provided by the OETS shall be carried out properly by the Contractor.

- 1.6 The Plans and Specifications are complimentary to each other, whatever is not mentioned in one but mentioned on the other shall be considered as if mentioned on both and shall be carried out properly by the Contractor.
- 1.7 Any inconsistency or discrepancy between the Plans and Specifications shall be brought immediately to the attention of the OETS Project Engineer/s who shall decide the correct version of the two with concurrence of the end-user/administration.
- 1.8 No addition or alteration that will result in a change order from the contract shall be allowed without the approval of the PGH Administration. The Contractor shall bring the case to the OETS Project Engineer/s.
- 1.9 One set of the Plans, Specifications and Log Book shall always be kept at the jobsite to be available to the Project Inspector or his representative upon his request during the construction period.
- 1.10 Prior to the installation of any item or material the Contractor shall submit sample with complete specifications to OETS for evaluation and approval of end-users/administration. In case of testing, the Contractor shall notify the OETS and End-user at least one week in advance of making the required tests so that the arrangements can be made for their presence to witness the tests. The necessary materials, labor, devices and all others required to conduct such tests at no additional cost the Owner.
- 1.11 The Contractor is solely responsible for the safety, protection, and security of his personnel, the works, equipment, installations and the like. The Contractor shall adopt or apply the protective measures in accordance with the standards set by the Safety Organizations and the Department of Labor Standards.
- 1.12 The Contract Period of this project is **ONE HUNDRED TWENTY (120) CALENDAR DAYS.**

2. SITE WORKS

2.1 Dismantling

The procedures proposed for the accomplishment of salvage and dismantling or removal works shall be submitted for approval. The procedures shall provide for safe conduct of the work, removal and disposition of materials specified to be salvaged, protection of property which is to remain undisturbed, coordination with other work in progress and timely disconnection of utility services.

2.2 Extent of dismantling/ removal

Removal/dismantling

- Dismantling of Roofing sheet and accessories (ER)

2.3 Scraping of scaling Roofing paints (Left Rear Wing Quadrant)

-Scraping of scaling paints, this work includes the materials to be used in the said work before repainting.

2.4 Disposition of dismantled materials

- a. Regular disposal of debris must be done to avoid accumulation. Cleanliness must be observed and maintained always. Dismantled materials that could still be recycled will be turn-over to OETS while the others will be for the disposal of the Contractor with the proper clearance of all concerned including the Disposal and Awards Committee (DAC).

3. ROOF FRAMING

Restoration of Existing roof framing of Emergency Room

- Remove and replaced damaged steel roof frames (trusses, purlins, fascia board etc.)

4. ROOFING WORKS

Replace the Existing roofing,

Use the following materials

- a. Panel- 0.60mm thk x 1080mm Pre-painted Corrugated G.I. sheet
- b. Bended accessories
 - 0.60mm thick x 610mm Pre-painted G.I. Ridge Roll
 - 0.60mm thk x 915mm Stainless Spanish Gutter
 - 0.60mm thk x 610mm Pre-painted G.I. wall flushing
 - 3" diameter PVC strainer down Spout
- c. Insulation - Single Bubble double foil insulator (Reflectivity: 97%)
 - Aluminum duct Tape 3" x 40m
- c. Hardware Accessories- 3" Tekcrew, 5/32" x 3/8" Blind rivets, silicon sealant (clear) and Touch up paint.

5. REPAINTING

QUADRANT (ROOFING)

- Surface preparation for pre-painted galvanized iron sheets, scuff sand surface using sandpaper and wipe the surface with clean rag before applying paint. Spot prime if necessary.
- For G.I. sheets with paint in good condition, clean surface of dirt and dust by washing and apply two coats of gloss acrylic, water-based roof paint.

EMERGENCY ROOM (ROOF FRAME)

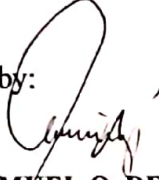
- Before repainting make sure that the metal surface are free from dust, dirt, grease, rust and other foreign substances.
- Apply two coats of metal Primer paint to the existing roof frame

6. RESTORATION WORKS

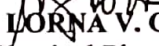
RESTORATION WORKS

- Restoration of all damages' affected during renovations.
- Application of sealant at Quadrant Roofing


Prepared by:


13 JUNE 2019
ENGR. JIMUEL Q. DEL MONTE JR.
Engineer II, Project Management Unit


Reviewed by:


ENGR. LORNA V. GRAVOSO
Head, Physical Plant Section


Favorably Endorsed:


6/14/19
ENGR. GENESIS H. JIMINEZ
Chief, OETS

Recommending Approval:


A'ERICSON B. BERBERABE, MD
Coordinator for Flagship and Special projects

JUN 17 2019


MA. TERESA JULIETA U. BENEDICTO, MD
Deputy Director for Administration

Approved:


GERARDO G. LEGASPI, MD
Director, UP-PGH

JUN 27 2019