

CAMPUS PLANNING, DEVELOPMENT & MAINTENANCE OFFICE

UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

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CPDMO



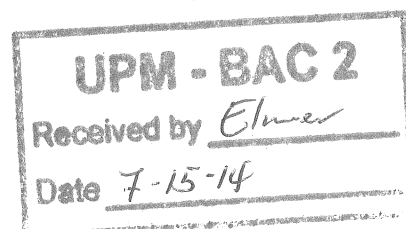
REFERENCE NO. : WD094NPG06172014
REVISION NO. : 1ST-JUNE 17, 2014
PROJECT TITLE : **PROPOSED RENOVATION OF FACULTY ROOM (PHASE 1)**
Ground floor, Department of Epidemiology,
Paz Mendoza Building, College of Medicine
University of the Philippines Manila
SUBJECT : **SCOPE OF WORKS AND SPECIFICATIONS**

Division 1 - General

01000 General Requirements

1. The Contractor shall furnish all materials, equipment, tools, apparatus, appliances, accessories, transportation, labor and supervision required for the complete construction/assembly of the subject project, as shown on the drawings and called for in these specifications, ready for use.
2. All Contractors submitting proposal for this project shall first examine the site. All proposals shall take into consideration all such conditions that may affect the work under this contract. The specifications and plans shall form part as one. Anything mentioned on plans and not mentioned on the scope of work and specifications and vice versa shall be properly consulted to the CPDMO Project Architect/Engineer for clarification. Any work or materials not in accordance with the drawings or specifications shall be replaced with new at the Contractor's / Supplier's expense.
3. The Contractor shall coordinate his work with all parties to ensure proper phasing or schedule of works. The Contractor/ Supplier shall engage under him, a registered Engineer or Interior Designer/ Architect to supervise his work. He shall remain at all times in the project site.
4. A logbook shall be available at the site. It shall contain the daily activities in the site, including weather condition, delivery, manpower and other matter pertaining to the condition of the project. It will also serve as data for Supplier and the Project Inspector.
5. Identification Card of installer/workers and engineer/representative shall be supplied by CPDMO with corresponding fees; it should be worn at all times while inside the building/campus premises. Those without IDs shall not be allowed to enter the premises for security purposes.

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6. No alteration or additional work that will result in an additive or deductive cost change from the Contract shall be allowed without the approval of the chancellor.
7. Complete specifications with product sample shall be submitted by the contractor/supplier to CPDMO and end-user for evaluation. Inspection of the Project Architect/Engineer in-charge shall be required prior to installation of any item/material on the construction.
8. Regular coordination meeting shall be conducted with CPDMO, Supplier and End-user for proper project monitoring.
9. Existing condition of the work site shall be documented by the contractor and photos shall be taken before commencement of work to ensure such status. Any damage on the areas due to the contractor's on-going work shall be refurbished at his expense.
10. The Contractor shall provide a complete copy of "As built plans" of the project/unit concerned which shall include all the civil, architectural, plumbing, electrical and other related layouts in 20" x 30" original sheets. It should be properly drawn indicating all the specifications, layouts, tables and necessary data. An initial layout should be submitted in a B4 sheet for checking and approval of Project Architect/Engineer. Final "As built plans" shall be submitted with soft and hard copies.
11. After completion of all works, the Supplier shall promptly remove from the premises all rubbish, trash, debris, and all superfluous building materials and restore all areas that were damaged as affected by the construction works and leave the site clean to the satisfaction of the Project Inspector or his representative and End-user.
12. All materials removed from the unit shall be properly documented prior to turn-over to the End-user for proper safe keeping.

01510 Temporary Facilities / Safety Signage

- Provide temporary enclosure/canvas on all areas for building protection. Such coverings shall be adequate enough to cover all the building facilities throughout the span of the project.
- Changes for the restoration or replacement of any damage facility, equipment, material and the like shall be made on the contractor due to his negligence in providing suitable temporary covering.
- Provide the appropriate scaffoldings, board ups, safety nets and related items to ensure proper installation of all framing system and protection on the area, at the expense of the contractor as its basic equipment.

Division 2 – Site Construction

02100 Site Preparation

Mobilization / Demobilization

- This work includes mobilization process, provision for warning signs, including barricades, temporary facilities, temporary fences, warning lights and similar safeguards shall be provided by the Supplier as they are required for protection of his manpower and others during the construction life of this project.
- Demobilization procedure shall include clearing of the affected areas from all rubbish, trash, debris, and all superfluous building materials and restore all areas that were damaged as affected by the works and leave the site clean to the satisfaction of the Project Inspector or his representative and End-user.

02200 Site Demolition

Mobilization / Demobilization

- This work includes demolition/dismantling of all existing structures not necessary on the new features of the rooms but shall be coordinated properly with the project architect to ensure the effect and safety of such demolition/dismantling with the adjacent and connecting structures.
- Restoration and rehabilitation shall be done according for the improvement of the structures.

02230 Site Clearing

- Clear the area from all obstructions or as affected by the construction works, Except those structures indicated on the drawings or designated by the project architect/engineer to be left standing. It shall be properly protected from incidental damage due to construction works by the erection of suitable barriers upon approval of the project architect/engineer.

02240 Site Monitoring

- Site monitoring shall be a must to the supplier for the effective implementation of the project. Any discrepancies on plans and actual site conditions shall be properly coordinated with the Project Architect/Engineer concerned for verification.
- Regular coordination meeting shall be done between the supplier or its representative and the Project Architect/Engineer concerned at CPDMO.

02500 Utility Services

Utility Service/Consumption

- Provision of electric and water meter shall be included in the quotation to be charged to the contractor's overhead. All utility consumption shall be provided with meters to limit the usage of such during working period. Payments of bills shall be made thru the Cashiers Office after the renovation period presenting the statement of account issued by Accounting upon recommendation of the Chief of CPDMO.

Division 9 – Finishes

09500 Ceiling

Scope of Work

- The work covered by this item shall consists of furnishing all ceiling finishes, equipped with fixing accessories in accordance with plan and/or shop drawings and as herein specified.

Material Requirement

- Use 4.5mm thick Fiber Cement Board ceiling on white powder coated tee runners
- Gauge #12 hanger rod, adjustable clip, power load, drive pin, 1-1/2" x 1/8" steel angle accessories. Provide support at a maximum of 1.20m x 1.20m spacing both ways.
- Submit sample for approval of design.

Construction Requirements

- Provide all necessary preparation of ceiling
- Hanger rod with adjustable clip shall be at 1.00m maximum interval both ways but provide additional hanger and support on critical areas.
- Provide all the necessary accessories and framing for proper installation.
- Ensure adequate hanger and support to all the utilities on the area.
- Restore all affected areas.

09600 Flooring

Scope of Work

- This item shall consist of furnishing all floor finishes, adhesive materials, labor, tools, equipment and the satisfactory performance in undertaking the proper installation of Porcelain tile flooring as shown on the plans and in accordance with this specifications.

Material Requirement

- (FF – 01) – 600mm x 600mm white superwax, porcelain tiles
Location: Staff Room, Lounge, Conference room, Library room & Pantry
- (FF – 02) – 600mm x 600mm beige matte, porcelain tiles
Location: Comfort Rooms
- Provide tile adhesive/Grout.

Construction Requirements

- Setting out the installation should be at the center of the main entrance opening.
- For tile layout / pattern, refer to floor finishes layout.
- For floor termination and junction of floor finishes, refer to details as shown on plan.
- Contractor should ensure proper leveling of floor substrate prior to the installation of floor finishes.
- Contractor should ensure proper installation, termination and junction of finishes to existing wall and floors as per building proper standards.
- Layout tiles after surface have been prepared for the work. Tiles shall be free from lamination, serrated edges, chipped of corners and other imperfections affecting their appearance and strength. Sample of all tiles shall be submitted to the quality Project Architect/ Engineer and End-users for approval of color, texture and quality.
- Submit sample and layout of tiles for approval of CPDMO the Project Architect/ Engineer and End-users.

Division 10 – Specialties

10600 Partitions

- This item shall consists of supply of all demountable partitions and operable partition including labor, tools, equipment and the satisfactory performance in undertaking the proper installation of partitions as shown on the plans and in accordance with this specifications

Material Requirement

- Double Wall Partition – 6mm THK. Fiber cement board on metal studs.
- CHB Wall Partition – 6 "THK. CHB Wall Partitiion Plaster Finished

15400 Plumbing System

Scope of Work

- This item shall consist of supply of all plumbing system with accessories including labor, tools, equipment, testing, commissioning, and the satisfactory performance in undertaking the proper installation of the system as shown on the plans and in accordance with this specification.

Material Requirement

A. Waterline / Water Distribution

Material:

- Use PPR type system for waterline pipes and fittings, confer to project architectthe brand and approved equivalent in conformity with the existing lines.
- Provision for proper hangers and supports.
- Provide sample for approval.

Application:

- Make the necessary preparation works for the installation of water system on the specified area.
- Existing area and lower floor level shall be considered on the chipping works that additional precautionary measures shall be done.