



CAMPUS PLANNING, DEVELOPMENT & MAINTENANCE OFFICE

UNIVERSITY OF THE PHILIPPINES MANILA

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CPDMO



U.P. MANILA

PROJECT TITLE : **SUPPLY AND INSTALLATION OF LABORATORY FURNITURE**
3rd Floor Pharmacology
Salcedo Hall, College of Medicine
University of the Philippines Manila

SUBJECT : **SCOPE OF WORKS AND SPECIFICATIONS**



CPDMO10003440

Division 1 - General

Section 01000 General Requirements

1. The Supplier shall furnish all materials, equipment, tools, apparatus, appliances, accessories, transportation, labor and supervision required for the complete construction of the subject project, as shown on the drawings and called for in these specifications, ready for use.
2. All Suppliers 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 Supplier's expense.
3. The Supplier shall coordinate his work with all parties to ensure proper phasing or schedule of works. The Supplier shall engage under him, a Technical Representative to supervise his work. He shall remain at all times in the installation 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 construction 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.
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.

SUPPLY AND INSTALLATION OF LABORATORY FURNITURE
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Planning and Development

Received by: Sign

Date : 7/11/19



Leonora Paras
OVCA, UP Manila
05 2019

7. Complete specifications with product sample shall be submitted by the 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 Supplier and photos shall be taken before commence of work to ensure such status. Any damage on the areas due to the supplier's on-going work shall be refurbished at his expense.
10. The Supplier shall provide a complete copy of "As built plans/Furniture Layout" of the project/unit concerned 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 an A3 sheet for checking and approval of Project Architect/Engineer. Final "As built plans/Furniture Layout" shall be submitted with soft and hard copies.
11. The Supplier shall promptly remove from the premises all rubbish, trash, debris, and all superfluous building materials weekly. After the completion of all works, 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.

Division 2 – Site Construction

Section 02290 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.

Section 02500 Utility Services

Utility Service/Consumption

- Provision of electric and water meter shall be included in the quotation to be charged to the Supplier'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 Cash Office after the installation period presenting the statement of account issued by Accounting upon recommendation of the Chief of CPDMO.

Division 12 – Furnishings

Section 12500 Furniture

General

- All casework shall be of modern design and constructed in accordance with the best practices of the wood furniture industry. Construction and design will result in "built-in" installations of cabinetry that have the appearance of flush overlay construction without protuberances.

Standard Material Specifications:

PREP ROOM

LABORATORY SIDE TABLE (U-SHAPE)

ELEV: 1A, 1B, & 1C

Dimension: 2700mm, 2500mm, 2700mm(L)x700mm(W)x900mm(H)

*Countertop: Solid Phenolic Resin Top

26mm thick finished with 13mm thick acid, heat, scratch and stain resistant, phenolic resin countertop

*Base Cabinets/Carcass: Type: Post-formed - HPL"

*With laminated finished based cabinet with breakdown as follows:

base cabinet@2700mm-length

*One (1) unit two swing door cabinet with pullout drawers and adjustable shelves.

*One (1) unit one swing door cabinet with pullout drawers and adjustable shelves.

*One (1) unit legroom with pullout drawers.

*Two (2) units two gang electrical outlets.

base cabinet@2500mm-length

*Two (2) units two swing door cabinet with pullout drawer and adjustable shelves.

*One (1) unit legroom with pullout drawers.

*Three (3) units two gang electrical outlets.

base cabinet@2700mm-length

*With molded resin bowl on top with drainboards

*One (1) unit sink cabinet with fixed panel and three swing door cabinet

*One (1) unit gooseneck waterfaucet

*One (1) unit acrylic pegboard with molded resin pegsticks

*One (1) unit two swing door cabinet with pullout drawers and

*One (1) unit two gang electrical outlet.

HOT ROOM

LABORATORY SIDE TABLE (U-SHAPE) ELEV. 2A, 2B, 2C

Dimension: 2700mm, 6500mm, 2700mm(L)x700mm(W)x900mm(H)

*Countertop:Solid Phenolic Resin Top

26mm thick finished with 13mm thick acid, heat, scratch and stain resistant, phenolic resin countertop

*Base Cabinets/Carcass: Type: Post-formed - HPL"

*With laminated finished based cabinetwith breakdown as follows:

base cabinet@2700mm-length

*One (1) unit four drawer cabinet

*One (1) unit legroom with pullout drawers.

*Two (2) units two gang electrical outlets.

base cabinet@6500mm-length

*Two (2) units one swing door cabinet with pullout drawer and adjustable shelf.

*Three (3) units two swing door cabinet with pullout drawer and adjustable shelf.

*Four (4) units legroom with pullout drawers.

*Four (4) units two gang electrical outlets.

base cabinet@2700mm-length

*One (1) unit two swing door cabinet with pullout drawer and adjustable shelves.

*One (1) unit sink cabinet with three swing out doors and fixed panel

*One (1) unit molded sink bowl complete with traps and drainfittings

*One (1) unit gooseneck waterfaucet.

*One (1) unit acrylic pegboard with molded resin pegsticks.

*One (1) unit two gang electrical outlet.

LABORATORY CENTER TABLE - ELEV 3

Dimension: 660mm(L)x660mm(W)x900mm(H)

***Countertop: 13mm Solid Phenolic Resin Top**

26mm thick finished with 13mm thick acid, heat, scratch and stain resistant, phenolic resin countertop

***Base Cabinets / Carcass: Type: "Post-formed -HPL"**

*with laminated finished base cabinet w/ breakdown as follows:

base cabinet@600mm-length

*With Powdercoated metal framed supports with laminated finished backing

*One (1) unit swing door with pullout drawer

BIO ANALYTICAL ROOM

**LABORATORY CENTER TABLE W/ SINK
AND REAGENT RACK - ELEV. 4**

Dimension: 3850mm(L)x1500mm(W)x900mm(H)

***Countertop: 13mm Solid Phenolic Resin Top**

26mm thick finished with 13mm thick acid, heat, scratch and stain resistant phenolic resin countertop.

***Base Cabinets / Carcass: Type: "Post-formed -HPL"**

*with laminated finished base cabinet w/ breakdown as follows:

base cabinet@3850mm-length

*With Powdercoated metal framed supports with laminated finished backing

*Two (4) units open-type legroom with pullout drawers

LABORATORY SIDE TABLE - ELEV. 5

Dimension: 2950mm(L)x700mm(W)x900mm(H)

***Countertop: 13mm Solid Phenolic Resin Top**

26mm thick finished with 13mm thick acid, heat, scratch and stain resistant phenolic resin countertop.

***Base Cabinets / Carcass: Type: "Post-formed -HPL"**

*with laminated finished base cabinet w/ breakdown as follows:

base cabinet@2950mm-length

*With Powdercoated metal framed supports with laminated finished backing

- *Two (2) units one swing door cabinet with pullout drawers and adjustable shelves.
- *One (1) unit four drawer cabinet.
- *Two (2) units legroom with pullout drawers.
- *Two (2) units two gang electrical outlets.

FUMEHOOD 59" - ELEV. 6

Dimension: 59"(L)x30"(W)x94"(H)

- *With 38mm thick finished, acid resistant 13mm Phenolic Resin Top.
- *Vertically sliding flexi-glass door with rigid frame and handle.
- *Using fiber glass interior casing and acid resistant baffle.
- *Epoxy white paint finished G.I. sheet upper casing.
- *One (1) unit vapor proof bulb 220V
- *Two (2) unit heavy duty electrical switch (for motor blower and light)
- *One (1) unit 2-gang electrical outlet, 220V
- *Laminated finish wooden base cabinet with three (3) units swing out door and laminated baseboard.
- *One (1) unit imported glass spicket.
- *One (1) unit imported gooseneck waterfaucet.
- *One (1) unit fiber glass molded cup sink complete with p-trap and drain fittings.
- *Fiber glass finished front panel.
- *Fiber glass blower housing.
- *1/2 HP imported electrical motor (US brand), 220V, 60Hz single phase cont. type.
- *One (1) unit 8" dia. PVC duct (10 ft. long) w/ accessories.
- *Good for 1 storey building ducting installation.

EMERGENCY SHOWER AND EYEWASH STATION

emergency shower

- *Rod operated emergency shower with self draining shower head.
- *With "stay open" ball valve with high flow rate.
- *With strong wall flange and lead-in.
- *With strong construction-all powder coated metal
- *Wall mounted in brass with chemical resistance, polycoat, bottom.

emergency eye wash

- *Hand operated eye wash.
- *With strong construction-powder coated frame.
- *With "stay open" ball valve with high flow rate.
- *With soft rubber cups for protection of the eyes.

TOXICOLOGY ASSAY ROOM

EMERGENCY SHOWER AND EYEWASH STATION

Dimension: 4850mm(L)x1500mm(W)x900mm(H)

***Countertop: 13mm Solid Phenolic Resin Top**

26mm thick finished with 13mm thick acid, heat, scratch and stain resistant phenolic resin countertop.

***Base Cabinets/Carcass: Type: Post-formed - HPL"**

*w/ laminated finished base cabinet w/ breakdown as follows:

base cabinet@4850mm-length