

Republic of the Philippines
Department of Health
EAST AVENUE MEDICAL CENTER
East Avenue, Quezon City

DIVISION 1: GENERAL REQUIREMENTS
SECTION 1010: SUMMARY OF WORKS

Project : **CONVERSION OF NICU AREA TO ICU/ISOLATION
ROOMS/HEMODIALYSIS AREA**
Location : East Avenue Medical Center 3rd Floor "B" CERID BUILDING

SECTION 1010 : SUMMARY OF WORKS

1010.1 : GENERAL SCOPE OF WORKS

Furnish all labor, materials, equipment, plant tool and other facilities to complete the entire works which includes Architectural, Civil, Sanitary, Electrical, Mechanical and Auxillary Works and render ready for use in accordance with the plans and specifications and contract documents.

1010.2 : GENERAL REQUIREMENTS

- i. Construction safety and health
- ii. Temporary Enclosure/Board-up
- iii. Project Billboards/COA billboard

1010.3 : DEMOLITION WORKS

- i. Removal/demolition of existing partitions. (Masonry & Drywall).

1010.4 : CONCRETE/MASONRY WORKS

- i. Provide concrete floor topping.
- ii. All comfort rooms shall be enclosed with CHB from floor to floor soffit.
- iii. Perimeter walls shall be plaster with plain cement finish.

1010.5 : WALLS and PARTITION

- i. Provide drywall on all partition except comfort rooms.
- ii. All drywall frames shall be light weight metal frames.
- iii. All drywall partitions shall be in accordance with the existing specifications.
- iv. All works shall be in accordance with the plans and specifications.

1010.6 : DOORS and WINDOWS

- i. Provide doors and jambs for all doors.
- ii. Follow as per plan and specifications.

1010.7 : CEILING WORKS

- i. Provide moisture resistant gypsum board with light gauge metal framing on ICU, ISOLATION & HEMODIALYSIS AREA and other rooms.
- ii. Provide acoustic tiles ceiling board on powder coated aluminum framing at hallways and other areas indicated in the plans.

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- iii. All existing ceiling on areas affected by the construction such as sewer line installation and electrical works shall be restored.

1010.8 : FINISHES

FLOOR and WALL

- i. Provide anti-bacterial roll form vinyl flooring with sideskirt of atleast 200mm high for ICU and ISOLATION AREA.
- ii. Provide granite tiles for hallways and others areas not covered by roll vinyl.
- iii. For comfort rooms and janitorial closet flooring provide ceramic floor tiles.
- iv. Provide polished wall tiles for comfort rooms and janitorial closet.
- v. Elevator frontage wall shall polished wall granite tiles finished. Verify existing.
- vi. Countertop finish for reception and nurses' station shall be slab granite finish.

PAINTINGS

- i. Provide flat paint on gypsum board ceiling.
- ii. Interior shall be applied with skim coat treated and painted finish, color shall be the same with the existing unless otherwise specified by the engineer/end-user.
- iii. Restored ceiling shall properly painted.
- iv. Follow as per plan and specifications.

WALL PROTECTION

- i. Provide wall guard protection at hallways corridor.
- ii. Provide polished granite baseboard.

1010.9 : CARPENTRY WORKS

- i. Provide nurses' station counter.
- ii. Provide wash area with granite slab counter with base cabinet at various areas.
- iii. Provide Cabinet/shelves at all storage.
- iv. Nurses' station counter shall be granite slab counter finish.

1010.10 : ROOM SIGNAGES

- i. All rooms shall be provided with signages.
- ii. Entrance signage shall larger than the room signages.
- iii. LED exit lights shall be provided in all specified area.
- iv. Follow as per plan and specifications for room signages.

1010.11 : PLUMBING WORKS

SEWER LINE

- i. All sewer lines shall be series 1000 PVC pipes and fittings.
- ii. All sewer shall be provided with proper ventilation system.
- iii. Clean-out shall be floor type unless otherwise indicated in the plan or directed by the Engineer.

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- iv. Every cubicle for ICU shall be provided with separate drain **WITHOUT P-TRAP** and pipe size shall be 3 inches (75mm) minimum and also provided with cover.
- v. Provide floor drain **with P-TRAP** on every cubicle with brass/stainless type floor drain strainer.
- vi. Dialysis area shall be provided with drain tapping point.

COLD WATER LINE

- i. Cold water line shall be Polypropylene Random (PPR) pipe and fittings with a minimum of PN20 standard thickness.
- ii. Provide ceramic lavatories with complete fittings and accessories in every ICU cubicle.
- iii. All fixtures installed shall be provided with proper fittings and accessories.
- iv. Provide separate line for dialysis machine connection in every ICU cubicle – PROVISION ONLY.
- v. Provide provision for separate water connection for Reverse Osmosis (RO) machine.
- vi. Provide WATER METER for dialysis area.
- vii. Follow as per plan and specifications to complete this item of works.

PLUMBING FIXTURES

- i. All provided watercloset shall be of tank type with bidet.
- ii. Provide stainless steel deep sink with complete fittings and accessories for all nurses' stations.
- iii. Provide ceramic lavatory sink with goose neck type stainless faucet and with complete fittings and accessories.
- iv. Floor clean-out shall be provided with stainless steel cover.
- v. Floor drain shall be of minimum 100x100mm stainless / brass type.

1010.12 : MECHANICAL WORKS

OXYGEN, AIR & VACUUM

- i. All rooms shall be provided with individual isolation valve.
- ii. Provide complete medical gas system.
- iii. (Wall outlet, Zone Valve with complete pressure gauge and alarm system).
- iv. Provide proper hanger and bolts for all installations.

AIRCONDITIONING & VENTILATION SYSTEM

- i. All Intensive Care Unit Rooms shall be provided with atleast 1HP split type aircon with complete drain system.
- ii. Corridors shall be provided with ceiling cassette type airconditioning system.
- v. Provide complete ceiling type exhaust fan and hood.
- vi. Follow as per plan and specifications.

FIREPROTECTION SYSTEM

- i. Provide complete fireprotection; sprinkler heads and Firehose Cabinet with complete accessories and fire extinguisher.

EQUIPMENT

- i. Provide 750kVA silent type diesel engine generator including wires/cable connection to LVSG.
- ii. Provide hospital bed, 21 person/1600kgs capacity elevator complete with indicators and other safety features and permits.

1010.13: ELECTRICAL WORKS

- i. Provide panel board and breakers.
- ii. Provide feederlines & sub-feeder.
- iii. All cables and wires shall be provided including conduits and accessories.
- iv. Provide brand new wiring devices.
- v. Follow as per plan and specifications.

1010.14: AUXILIARY WORKS

- i. Provide telephone unit and complete system.
- ii. Provide Close Circuit Television System. (digital video recorder, LED CCTV monitor)
- iii. Intercom system with master control.
- iv. Public address system. (ceiling type speaker with volume control)
- v. Conference room speaker system.
- vi. Fire alarm and detection system.
- vii. Follow as per plan and specifications.

1010.15 : DISPOSAL / HAULING

- i. All debris and wastes from construction shall properly dispose by the contractor.

1010.16 : OTHER WORKS

- i. Provide access or connection from basement of NEW BUILDING TO OB WARD.
- ii. Other works not mentioned herewith but indicated in the BOQ, plans and specifications necessary for the execution and completion of works shall be included.
- iii. Protect all salvage materials of value taken from the demolition. They shall be the property of the owner the contractor shall be responsible for the salvage materials until the completion of the project.
- iv. Protect from damage all existing utilities within the sites and adjoining areas. Any existing that maybe damage shall be repaired / replaced by the contractor without extra cost to the owner.
- v. TEMPORARY BOARD-UP shall be provided on all areas affected by the construction.

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1010.17 : PERMIT, TAXES, ETC.

- i. The contractor shall obtain all permits required by the end user or the administration. Works shall not be started unless said authorities have approved the plans.
- ii. The Contractor shall carry all expenditures for temporary water, power, telephone supply and all required all required testing for materials, etc. for this project and shall included in the Contractor's proposal.

1010.18 : EQUIPMENT

- i. Make use of necessary equipment for the works to complete the project.

1010.19 : TIME OF COMPLETION

- i. The proposed project shall be completed, thoroughly cleaned rendered ready for use not later than **ONE HUNDRED FIFTY CALENDAR DAYS (150 CD)** in accordance with the plans, specifications, supplemental drawings, bid bulletin/s instruction during construction, shop drawings, summary of works of ARCHITECTURAL, CIVIL, ELECTRICAL, SANITARY, MECHANICAL and AUXILLARY and other contractor documents.

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