



Republika ng Pilipinas
Lungsod ng Quezon
CITY ENGINEERING DEPARTMENT

5th, 6th, 7th Floors, QC Civic Center Building "B"
Telephone Nos. 8988-4242 Local 8538



PROJECT NAME: **PROPOSED CONSTRUCTION OF STAGE AT RAMON MAGSAYSAY HIGH SCHOOL**

LOCATION: **BARANGAY PALIGSAHAN, DISTRICT 4, QUEZON CITY**

20-00136

TECHNICAL SPECIFICATIONS

I. General Requirements

- a. Comply with the current and existing laws, ordinances and applicable codes, rules and regulations and standards. Any works perform contrary to the existing laws, rules and regulations, ordinances and standards without notice shall bear all cost arising therefrom.
- b. The quality of materials shall be of the best grade of their respective kinds for the purpose. The work shall also be performed in the best and most capable manner in accordance with requirements of the plans and details. All materials not conforming to the requirements of these specifications shall be considered as defective.
- c. All equipment and installations shall meet or exceed minimum requirements of the standards and codes.
- d. Mobilization and Demobilization (if applicable)
 - i. Mobilization shall include all activities and related costs for transportation of personnel, equipment, and operating supplies to the site; establishment of offices, buildings, and other necessary general facilities for the operations at the site.
 - ii. Demobilization shall include all activities and costs for transportation of personnel, equipment, and supplies not anymore required within the construction site including the disassembly, removal and site clean-up of offices and other facilities assembled on the site specifically for this contract.
- e. Execute work in strict accordance with the best practices of the trades in a thorough, substantial, workmanlike manner by competent workmen. Provide a competent, experienced, full-time supervisor who is authorized to make decisions on behalf of the Contractor.
- f. Temporary Facilities and Utilities
 - i. All facilities shall be near the job site, where necessary and shall conform to the best standard for the required types.
 - ii. Temporary facilities shall be provided and maintained including sanitary facilities and first aid stations.
 - iii. Temporary utilities shall be sufficiently provided until the completion of the project such as water, power and communication.
 - iv. Temporary enclosure shall be provided within the construction site with adequate guard lights, railings and proper signages.
 - v. Upon completion of the work, the temporary facilities shall be demolished, hauled-out and disposed properly.
- g. Adequate construction safety and health protection shall be provided at all times during the execution of work to both workers and property.
- h. Necessary protections to the adjacent property shall be provided to avoid untoward incidents / accidents.

- i. Final cleaning of the work shall be employed prior to the final inspection for certification of final acceptance. Final cleaning shall be applied on each surface or unit of work and shall be of condition expected for a building cleaning and maintenance program.

II. Site Works

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- a. All grades, lines, levels and dimensions shall be verified as indicated on the plans and details. Any discrepancies or inconsistencies shall be reported before commencing to work.
- b. Removal / demolition of existing structures shall be done in accordance to safety procedures.

III. Civil / Structural Works

- a. Concrete Works
Concrete works must be done using 2 bagger mixers with Grade 40 or Grade 60 reinforcing bars as specified in the plan and program of works.
- b. Steel Works
All structural work shall be in accordance with the AISC Specification for the Design, Fabrication and Erection of Structural Steel for buildings.
- c. Roofing Works
All roofing works must be Rib type G.I. Roofing Gauge 24 with G.I. Flashing, tek screw, and silicon sealant with complete accessories as specified in the plan and program of works.

IV. Architectural Works

- a. Tile Works
 - Both broken and unbroken old tiles must be chip-off
 - Surface should be smoothen & clean.
 - Ceramic tiles shall be soaked in clean water prior to installation.
- b. Ceiling Work
All ceiling works must be 6mm thick fiber cement board with metal furring as specified in the plan and program of works.
- c. Painting Works
 - Old & uneven paints should be scrap, surfaces should be thoroughly clean & dried.
 - Masonry or plaster shall be completely dried before any sealer or paint is applied.
 - Metal shall be clean, dry and free from mill scale, oil, grease and rust.
 - Cleaned metal shall be primed with quality epoxy metal primer paint, red lead or red oxide primer.
 - Two (2) coatings of paints should be applied until the desired coat is achieved.
- a. Fabricated Materials
All doors and windows must be in approved quality as specified in the plan and program of work

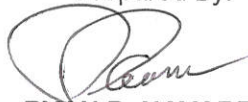
V. Plumbing Works

- a. Comply with the current applicable codes, ordinances, and regulations of the authority or authorities having jurisdiction, the rules, regulations and requirements of the utility companies (as applicable).
- b. Workmanship and installation methods shall conform to the best modern practice. Employ skilled tradesmen to perform work under the direct supervision of fully qualified personnel.

VI. Electrical Works

- a. Lighting fixtures should energy saving, like Lighting Emitting Diode (LED) bulbs to comply with Energy Efficient Law.
- b. Electrical Fixtures and rough-ins including wirings must be in approved quality as specified in the plan and program of works.

Prepared By:



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