

PROJECT : PROPOSED REPAIR OF FIRE HYDRANT SYATEM AT
ADMIN, CHSS & EBLH
LOCATION : UP MINDANAO CAMPUS, MINTAL, DAVAO CITY
CONTRACT DURATION : 60 C.D.


TECHNICAL SPECIFICATIONS

A. GENERAL CONDITIONS OF PLANS AND SPECIFICATION:

1. The Contractor shall bear the responsibility to check all numbers and units as may be indicated in the Plans, Bill of Quantities (BOQ), and Specifications. It is understood that the contractor shall install the actual required units as approved on the Plans, BOQ and Specifications.
2. Materials and workmanship deemed necessary to complete the works but not specifically mentioned in the Specifications, Working Drawings, BOQ, or in the other Contract Documents, shall be supplied and installed by the Contractor without extra cost to the Owner. Such materials shall be of the highest quality available and installed or applied in a workmanlike manner at prescribed or appropriate locations.
3. Only the Engineer shall interpret the Plans and Specifications. The Contractor is enjoined to confer with the Engineer on items for clarification before submitting his bid. No excuses shall be entertained for misinterpretation of the Plans and Specifications after the award of the contract.
4. One set of clean Plans and Specifications shall always be kept at the job site to be available to the inspectors upon request during the construction period.

B. SCOPE OF WORKS:

General Condition:

1. The Contractor/Project Administrator shall conduct thorough inspection and shall familiarize himself with the existing job site condition.
 2. The Scope of Work shall include all works to implement the whole set of approved plans, working drawings, Bill of Quantities (BOQ) and specifications.
 3. Final Cleaning is a Prerequisite to Final Acceptance.
 4. The contractor shall be responsible for the safety and safe working practices of its respective employees, servants and agents.
 5. The owner may at any time without invalidating the Contract make changes by altering, adding to or deducting from the work as covered by the drawings and changing the specifications through Variation orders.
 6. The contractor shall proceed the work upon the approval of the Variation Order.
 7. The contractor shall prepare as-built plans and all other paper work required by the approving authorities.
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C. REPAIR OF FIRE HYDRANT SYSTEM

1. The Contractor shall visit the site acquaint himself with the existing site conditions.
2. All materials and equipment furnished shall be new and in accordance with the Philippine National Standards (PNS).
3. Pipes shall be "galvanized iron pipes, schedule 40, screwed-jointed with malleable iron fittings. The interior surfaces of all piping and equipment shall be clean and free of all dirt, loose scale, rust, and other foreign material before installation.
4. Pipe ends shall be reamed to remove all burrs, and pipe sections shall be cleaned inside to all chips and foreign materials prior to making up joints. Approved joint compound shall be applied to the threads of the pipe and not in the fitting when making up joints. Pipe shall not extend into the waterway of the fitting.
5. When welding pipe on job site, the fire hazard of the welding process shall have suitable safeguards.
6. Pipe Supports. All piping shall be of approved quality, capable of supporting load, sizing, and spacing. Installation shall be in accordance with National Fire Protection Association Standard.

B. LABOR

It is understood that the work shall be done and executed in accordance to the good engineering methods and practices.

C. COORDINATION

All works shall be coordinated with the Owner/Project Engineer for proper implementation of the Drawings and Specifications.

