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UPGRADING OF ELECTRICAL SYSTEM AT NFTI (TERMS OF REFERENCES)

1. General Requirement

The Upgrading of Electrical System shall be covered with the appropriate electrical workmanship and professionalism in the field of Electrical Engineering and Methodology.

2. GENERAL CODE AND STANDARDS

The design and specifications shall conform to, but not limited to the following standards set by the:

- a. Philippine Electrical Code of the Philippines (PEC) latest edition;
- b. Applicable Local Regulations and Ordinances.

With respect to the actual construction, applicable rules and regulations prescribed by the following agencies and/or embodied in the following shall be observed:

- a. Department of Public Works and Highways
- b. Department of Environment and Natural Resources
- c. Applicable Building and Electrical Laws and Ordinances in the City of Calamba

MAN POWER CAPABILITY

STAFF REQUIREMENT

The contractor shall provide adequate and qualified staff to perform the services required herein. The key professionals and the respective qualifications of the IMPLEMENTING PERSONNEL shall be as follows:

ELECTRICAL ENGINEER/RME

The Electrical Engineer/Master Electrician must be a Registered Professional Electrical Engineer or Registered Master Electrician with at least five (5) years' experience in the design of exterior lighting and knowledgeable in developments in emergent efficient lighting technologies and energy management.

The key professionals and the respective qualifications of the CONSTRUCTION PERSONNEL shall be as follows:

PROJECT MANAGER (1)

The Project Manager shall be a licensed Electrical Engineer/High Voltage Foreman and a practicing professional in the field of electrical engineering with at least ten (10) years of relevant experience in projects involving energization and protection and other similar or comparable projects.

FOREMAN (1)

The Foreman must have at least five (5) years' experience related in his/her field of specialization and have appropriate license.

LINE MAN (5)