

Project Title : **REHABILITATION OF HRDC BUILDING PHASE 5**
 Location : Leyte Normal University
 Tacloban City
 Duration : **180** Calendar Days
 Amount : ₱ **84,154,321.91**

SCOPE OF WORKS

A GENERAL REQUIREMENTS

1.0 General Requirements

1.1 PERMITS AND LICENSES

The CONTRACTOR, with assistance from the LNU Engineering Office shall secure and pay all construction permits and licenses necessary for the execution of the work, or of any temporary work and easements in relation thereto.

1.2 PROVISION FOR SCAFFOLDINGS FOR ALL INTERIOR WORK

CONTRACTOR shall provide metal scaffolding to complete all works requiring such system. Interior works refers to all construction activities within the perimeter walls of the HRDC Building as shown in the plans. Other scaffolding requirements for exterior works has been included under specific items in the Bill of Quantities.

1.3 AS-BUILT PLANS

CONTRACTOR shall submit as-built plans upon completion of the project. They are record drawings which reflect all changes made in the specifications and working drawings during the construction process, and show the exact dimensions, geometry and location of all elements of the work completed under the contract.

1.4 TESTING OF MATERIALS

CONTRACTOR shall provide such equipment and facilities as are required for conducting field tests and for collecting and forwarding samples in connection with the following materials:

1. Soil compaction
2. Pipe and structural bedding
3. Materials delivered to the site, not otherwise required by the Specifications
4. Concrete and grout

For all other materials, the CONTRACTOR may present manufacturer's data to the LNU Inspecting Team for verification and approval.

1.5 CLEARING, HAULING AND DISPOSAL OF CONSTRUCTION WASTES, GARBAGE AND DEBRIS

The CONTRACTOR shall be responsible to bring all construction wastes to the city's dumping area. Garbage generated by LNU that are currently dumped in the HRDC Left Wing area shall also be disposed.

1.6 GENERAL CLEANING

CONTRACTOR shall perform general cleaning of the Theater and all interior spaces accessible by users prior and after final installations of carpets, chairs and all interior equipment. This includes removing dusts with a vacuum machine.

1.7 WATER AND POWER UTILIZATION

1.8 HANDLING OF MATERIALS

This refers to the delivery, movement, storage and control of materials and actually form part of the logistics management of the project. CONTRACTOR will be responsible and will pay costs in connection with material handling.

SCOPE OF WORKS

2.0 Mobilization / Demobilization

CONTRACTOR shall perform all activities and associated costs for transportation of contractor's personnel, equipment and operating supplies to site; establishment of office and other necessary facilities for the contractor's operations at site

B ARCHITECTURAL WORKS

The Plans, Detailed Drawings, Specifications, Bill of Quantities, Terms of Reference and Contract Agreement shall be considered as complementing each other. What is mentioned or shown in one, although not mentioned in the other, shall be considered as appearing in all.

3.0 PUMP ROOM

CONTRACTOR shall provide 150mm thk CHB wall, Roofing, Thermal Roofing Insulation, Doors including Jambs & Finish Hardwares, Floor Finishes, Wall Finishes and Ceiling Finishes.

5.0 THEATER HALL

CONTRACTOR shall provide Steel Catwalk, Doors including Jambs and Finish Hardwares, Floor Finishes, Wall Finishes, Repair of Ceiling, Paint Coatings and Chairs.

6.0 MAIN STAGE AND ORCHESTRA PIT

CONTRACTOR shall provide Floor Preparation, Floor Finishes and Wall Finishes.

7.0 COMFORT ROOMS

CONTRACTOR shall provide Waterproofing, Doors including Jambs and Hardwares, Floor Finishes, Wall Finishes, Countertop and Specialty Works which includes Toilet Partitions and Urinal Screens.

8.0 STEEL FIRE EXIT

CONTRACTOR shall provide Metal Works for fire exit including Metal Doors w/ Metal Jambs and Panic Lockset Hardwares.

9.0 PWD COMFORT ROOMS

CONTRACTOR shall provide Doors including Jambs and Hardwares, Wall Finishes, Floor Finishes and Specialty Works which include Installation of Stainless Grab Bar.

12.0 FIRE EXIT

CONTRACTOR shall provide Doors including Jambs and Hardwares, Floor Finishes, Wall Finishes and Minor Repairs of Stairways.

16.0 PWD RAMP

CONTRACTOR shall provide Warning Tactile Blocks, Paint Finishes, Signages and Slip-Resistant Materials.

17.0 ELEVATED WATER TANK

CONTRACTOR shall provide RC Raised Platform for Water Tank with Stainless Steel Railings on top and Steel Ladder with Fall Guard. Also provide Stainless Water Tank @ 10,000L storage capacity including Plumbing System Pipelines.

18.0 FIRE CISTERN TANK

CONTRACTOR shall provide a 25cu.m. Capacity Concrete Cistern Tank in 5000 PSI Concrete.

21.0 SITE DEVELOPMENT AT FAÇADE AREA

CONTRACTOR shall provide Overhang Ceiling Repair, Landscaping and Restoration of HRDC Landmark.

SCOPE OF WORKS

22.0 MINOR REPAIRS FOR HRDC ROOF

CONTRACTOR shall carry out all repair works such as leaks, rusty fasteners and roof sheets. Repair works includes replacement of damaged roofing materials.

C MEPFS WORKS

23.0 FIRE PROTECTION SYSTEM

CONTRACTOR shall Supply and Install Fire Pump equipment, Jockey Pump, Supply and Installation of Fire Protection Distribution System, Testing and Commissioning and Miscellaneous items necessary to complete Fire Protection System.

24.0 PLUMBING WORKS

CONTRACTOR shall provide Plumbing Fixtures and Accessories for Theater Comfort Rooms, Provide and Install Centrifugal High Head Pump and Miscellaneous items necessary to complete Plumbing Works.

25.0 HEATING, VENTILATION AND AIRCONDITIONING SYSTEM

25.1 MOBILIZATION/DEMOBILIZATION

25.2 AS-BUILT PLANS

25.3 SITE SUPERVISION

25.4 AIR CONDITIONING EQUIPMENT

CONTRACTOR shall Supply and Install Air Conditioning Equipment, Installation Materials including Electrical and consumables, Ducting Works and Miscellaneous items necessary to complete installation of Air Conditioning Equipment.

25.5 INSTALLATION MATERIALS, ELECTRICAL AND CONSUMABLES

25.6 DUCTING WORKS

CONTRACTOR shall provide Air Conditioning System Duct Works, and Installation of Air Ventilation System.

25.7 MISCELLANEOUS

This includes all the items not listed in the BOQ but necessary to complete HVAC works.

26.0 ELECTRICAL WORKS

CONTRACTOR shall provide Electrical Power Generating and Storing Equipment, Lighting Devices, Electrical Materials and Installations at Mezzanine Floor Control Room, Supply and Installation of LED Video Wall and Miscellaneous items needed to complete Electrical Works.

D COMMUNICATIONS

CONTRACTOR shall provide Telephone and Data Equipment, and Public Address/Background Music Audio Equipment.

E ELECTRONIC SAFETY AND SECURITY

CONTRACTOR shall provide Video Surveillance CCTV System, Fire Detection and Alarm System, LAN and Internet.

SCOPE OF WORKS

F CONSTRUCTION SAFETY & HEALTH

During the execution of his work, the CONTRACTOR shall ensure safety of his personnel and the general public. PPE's and other safety requirements will be regularly checked by the LNU Engineering Unit during the course of construction. At an event where a problem on safety is observed, work shall be temporarily stopped until the problem is resolved.

Prepared by:

Sgd. **CARLITO A. ELLAZAR**
Infra. Engineer

Concurred by:

Sgd. **REYNALDO B. GARNACE, DA**
CAO - Administration

Reviewed by:

Sgd. **CAESAR RODERICK L. TADO**
Planning Officer

Recommending Approval:

Sgd. **EVELYN B. AGUIRRE, D.A.**
VP-Administration & Finance

Approved:

Sgd. **JUDE A. DUARTE, DPA**
University President



Republic of the Philippines
LEYTE NORMAL UNIVERSITY
Tacloban City



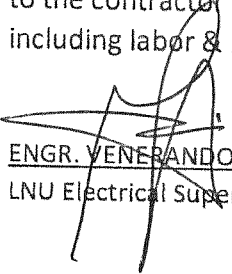
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TERMS & CONDITIONS:

1. All electrical materials must have a PS or ICC mark
2. All wiring layout must follow color codes.(single phase line: red or brown, single phase neutral: black or blue, single phase protective ground or earth: green or green with strips with yellow),
3. All spare circuits must contain at least 20A circuit breakers with 2-3.5 mm² THHN 1-2.0 mm² THHN layout to a pull box as indicated in the schedule of loads
4. All 2 way and 3 ways switches must come in pair
5. All hallways and ramps must have a 2 way switching using 3way methods installed at the entrance of the hallway and at the end of the hall way.
6. All stairs must have 2 way switching using 3 way methods
7. Contractor shall provide their own transformer.
8. Concrete pouring shall only be done after electrical inspection by the LNU electrical supervisor and should have a written approval of pouring signed by the electrical supervisor.
9. Ceiling shall be covered only after the inspection has been done and a written approval signed by the LNU electrical supervisor.
10. All convenience outlet shall be vertically layout 10cm from the edge of the window (if near the window) and 30 cm above the floor.
11. Switches shall be 10 cm from the edge of the door and 122 cm above the floor.
12. All home run shall be layout inside an electrical conduits 20 cm below the ceiling or inside the ceiling with pull boxes directly above the door switch of the entrance door.
13. All home run shall not have an splicing in between unless it is more than 150 meters or necessary with the coordination and approval of LNU electrical supervisor.
14. All conduits shall be coupled to a junction boxes, pull boxes or utility boxes with male adapter with lock.
15. Using flexible pvc hose or conduit are not allowed in any part of electrical installation.
16. All splicing must be inside an splicing box or junction box, No electrical wire shall be exposed in any part of installation.
17. All Lighting fixture must have a junction boxes.
18. Program of work for electrical shall be submitted to the electrical supervisor before the start of construction.
19. Contractor's electrician should have at least 3 years experienced on similar electrical works with TESDA certificate.
20. A weekly submission of progressive as built plan shall be submitted to the electrical supervisor in autocad form through his email every friday.
21. Contractor must provide an electrical site engineer.
22. No existing LNU installations network and electrical must be remove or cut without written permission from the LNU Electrical supervisor & project & implementation officer . All damages to this installation will be charge to the contractor and must be restore in 7 days from the date of incident.

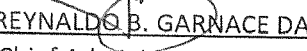
23. Coordination meeting with the site electrical engineer, LNU electrical supervisor, LNU project engineer, project planning, & implementation officer, every Monday, 9 am on the first and third week of the month.
24. Site inspection with the site electrical engineer & project engineer every Friday.
25. Non compliance of this terms & conditions, the LNU management has the right to give sanction to the contractor such as; replacement, demolished, & re-opening in which all expenses including labor & materials will be charged to the contractor.



ENGR. VENERANDO R. PALEJARO
LNU Electrical Supervisor

NOTED:


ENGR. CAESAR RODERICK TADO
Planning & Project Implementation Officer

Recommending Approval:


DR. REYNALDO B. GARNACE DA
Chief Administrator


DR. CLEMELLE L. MONTALLANA DM.
VP Admin & Finance

Approved:


DR. JUDE A. DUARTE, DPA
President