

PROPOSED CONSTRUCTION OF SQUASH COURT

This Scope of work is supplemental to the drawings but not limited to the following:

1. General

- a. Site preparation for construction activities
 - i. Mobilization of supplies, manpower resources and utilities
 - ii. Erection of temporary facilities
 - iii. Installation of project billboards
 - iv. Construction of perimeter fence

2. Earthworks

- a. Concrete Breaking
- b. Excavation
- c. Application of Pest Control methods – Soil Poisoning / Termite Treatment
- d. Dewatering
- e. Foundation Backfill
- f. Hauling of waste materials

3. Civil Works

- a. Concrete Works
 - i. Fabrication and installation of reinforcing bars
 - ii. Concreting for footing column tie beam, beam and mezzanine, roof beam and slab on fill.
 - iii. Floor Topping for slab on fill and mezzanine.
- b. Masonry Works
 - i. Laying of 6" Concrete Hollow Blocks (CHB)
 - ii. Plastering of exterior and interior walls.
 - iii. Application of plain cement finish for exterior and interior walling.
 - iv. Construction of concrete countertops at the comfort rooms.
- c. Hauling and disposal of debris and unwanted structures.

4. Formworks and Scaffolding

- a. Fabrication and installation of forms prior to concreting.
- b. Installation of scaffolding.

5. Architectural Works

a. Doors and Hardware

- i. Supply and installation of 1.0m x 2.10m wooden panel doors including door jamb and all necessary accessories.
- ii. Supply and installation of 0.9m x 2.10m wooden panel doors including door jamb and all necessary accessories.
- iii. Supply and installation of 0.7 m x 2.10m PVC doors including door jamb and all necessary accessories.
- iv. Supply and installation of 1.8m x 2.10m x ½" thk. tempered glass door in powder coated aluminum frame including all necessary accessories.
- v. Supply and installation of 1.0m x 2.10m x ½" thk. tempered glass door in powder coated aluminum frame including all necessary accessories.
- vi. Supply and installation of 0.9mx 2.10m x ½" thk. tempered glass door in powder coated aluminum frame including all necessary accessories.
- vii. Supply and installation of hinges, lockset, and all necessary hardware.

b. Windows

- i. Supply and installation of 0.5mw x 1.5mh awning windows including all necessary accessories.
- ii. Supply and installation of 0.8mh x 2.628mw awning windows including all necessary accessories.
- iii. Supply and installation of 0.8mh x 4.548mw awning windows including all necessary accessories.
- iv. Supply and installation of 0.8mh x 1.54mw awning windows including all necessary accessories.
- v. Supply and installation of 0.8mh x 1.00mw awning windows including all necessary accessories.

c. Tile Works

- i. Supply and installation of 16" x 16" x 10mm thk. homogeneous tiles

d. Ceiling Works

- i. Supply and installation of ¾" x 2" metal furring nailers @ 0.40m o.c.
- ii. Supply and installation of ¼" thk moisture resistant fiber cement board light for ceiling boards.
- iii. Supply and installation of 2" by 2" wood cornice at the ceiling.

e. Partition Works

- i. Supply and installation of 1" x 3" metal studs @ 0.40m o.c.
- ii. Supply and installation of ½" thk moisture resistant fiber cement board light for double wall drywall partitions.

- iii. Supply and installation of 12mm thk phenolic board partition including stainless accessories for urinals & toilets at the comfort rooms.

f. Painting Works

- i. Painting of interior and exterior walls, ceiling, doors, door jambs and all steel members.

g. Specialty Works

i. Signages

- 1. Supply and installation of metal wall composite.
- 2. Supply and installation of 11 letters Stainless Plate 304 "SQUASH COURT"
- 3. Supply and installation of 23 letters Stainless Plate 304 "PHILIPPINE SPORTS COMPLEX"

ii. Squash Court

- 1. Supply and installation of imported squash flooring and wall partitions for Jumbo Squash Court and Singles and Doubles Standard Squash Court in accordance with the World Squash Federation (WSF) International Standards.

a. International Singles Squash Court

i. Critical Dimensions:

Length of Court	9750 mm
Width of Court	6400 mm
Tin height	480 mm

b. International Competition Width Doubles Squash Court

i. Critical Dimensions:

Length of Court	9750 mm
Width of Court	8420 mm
Tin height	330 mm

c. International Jumbo Squash Court

i. Critical Dimensions:

Length of Court	13716 mm
Width of Court	7620 mm
Tin height	430 mm

6. Roofing Works

- a. Fabrication and installation of steel trusses, c-purlins, insulation and roofing sheets.
- b. Supply and installation of roofing accessories.

7. Electrical Works

- a. Roughing-in of electrical lines including all necessary accessories and support.
- b. Supply and installation of service lighting and electrical outlets as indicated in the electrical plans.
- c. Supply and installation of feeder lines.
- d. Supply and installation of all panel boards.
- e. Conduct insulation testing on all wirings and panel boards.
- f. Conduct ground testing and resistance reading.
- g. Conduct illumination test and submit the data.
- h. Installation of Architectural Lighting
 - i. Installation of monumental exterior lighting
 - ii. Installation of specialty interior lighting
 - iii. Installation of sports lighting
 - iv. Installation of emergency and egress lighting
- i. Supply and installation of perimeter lighting
- j. Design and fabrication of lighting fixtures
- k. Auxiliary Systems
 - i. Installation of communications systems
 - ii. Installation of lighting and sound control panels
 - iii. Installation of a Private Automatic Branch Exchange (PABX) network
- l. Testing and commissioning.

8. Steel Works

- a. Installation of steel column and steel beam for mezzanine with steel decking and steel railing.

9. Plumbing Works

- a. Supply and Installation of plumbing fixtures and equipment.
- b. Roughing-in of Plumbing Works
- c. Drainage
 - i. Roughing-in of Soil Pipes and Sanitary Works
 - ii. Construction of Storm Water Drainage System
- d. Plumbing civil works
 - i. Construction of reinforced concrete cistern tank and septic tank
 - ii. Waterproofing food grade (3 coatings) of cistern tank
 - iii. Disinfection of cistern tank and water line
- e. Testing and commissioning.

10. Mechanical Works

- a. Ducting and insulation works including all necessary accessories and support
- b. Supply and installation of air conditioning system.

11. Fire Protection System including Automatic Fire Detection and Alarm System (FDAS)

- a. Fire Detection and Alarm System
 - i. Supply and Installation of Conduits and Fittings with necessary pull wires
 - ii. Supply and Installation of Wires, Cables, and Wiring Devices
 - iii. Supply and Installation of Annunciators, Strobes, and Manual Triggering Devices
 - iv. Supply and Installation of Addressable Fire Alarm Control Panel with back-up batteries and surge protection devices
 - v. Testing and Commissioning
- b. Fire Suppression System
 - i. Removal and Disposal of Existing Obsolete Piping and Devices
 - ii. Supply and Installation of New B.I. Piping including Fitting, paintings, and other materials to complete for Wet Standpipe System
 - iii. Supply and Installation of New B.I. Pipe for Wet Standpipe System
 - iv. Supply and Installation of New Manifold Connections and Street Connection for Fire Department Connection
 - v. Supply and Installation of Fire Hose Cabinets with all accessories to complete
 - vi. Testing and Commissioning of Fire Suppression System