



Project: Construction of Thinadhoo City Council Main Hall – Ground Works and Structural Works up to First-Floor Slab

SCOPE OF WORKS

1. General Scope

The scope of work covers the construction activities specified in the provided Bill of Quantities (BOQ) for the Thinadhoo City Council Main Hall. The works include site preparation, excavation, backfilling, foundation construction, ground-floor reinforced concrete (RCC) structural works, reinforcement, formwork and associated damp-proofing and waterproofing works listed in the BOQ.

All works shall be carried out in accordance with the approved drawings, structural specifications, relevant standards, and the instructions of the supervising consultant or engineer.

2. Detailed Scope of Works

2.1 Site Preparation and Ground Works

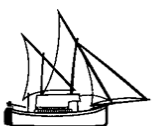
- Clear the construction site of rubbish, vegetation, roots, stumps, and other obstructions.
- Excavate for foundations and tie beams to the required dimensions and levels.
- Carry out necessary dewatering, temporary support, and disposal of surplus excavated material as required by the BOQ specifications.
- Backfill with suitable earth material, including levelling, grading, and compaction to the required density.

2.2 Foundation and Substructure Works

- Provide 50 mm thick lean concrete beneath footings and tie beams.
- Construct reinforced concrete isolated footings, tie beams, foundation columns, stair starters, grade slabs, and grade beams.
- Provide and install the specified formwork for footings, tie beams, columns, stair starters, and grade beams.
- Supply, cut, bend, place, and fix the specified reinforcement bars, including T12, T16, T10, and R6 bars, as applicable to the listed items.
- Include reinforcement fixing accessories, tying wire, laps, supports, and wastage in accordance with the BOQ requirements.

2.3 Ground-Floor Structural Works

- Construct ground-floor RCC columns, attached beams, slabs, and staircase elements.
- Provide and remove formwork for columns, attached beams, slabs, and staircase elements as required.





- Supply and install reinforcement specified for the ground-floor columns, attached beams, and slab, including the bar sizes and quantities listed in the BOQ.
- Carry out concrete placement, compaction, curing, and required testing in accordance with the structural specifications.

2.4 Damp-Proofing and Waterproofing

- Install the specified 500-gauge heavy-duty polythene damp-proof membrane beneath the footings and tie beams, including appropriate laps and sealing.
- Apply two coats of bituminous waterproofing to concrete surfaces below ground level in accordance with the manufacturer's instructions and project specifications.

3. Materials, Workmanship and Quality Control

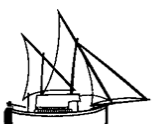
- Use materials that comply with the approved project specifications and structural drawings.
- Ensure concrete mixes comply with the mix ratios and requirements specified by the structural engineer.
- Carry out reinforcement installation, formwork, concrete placement, curing, and testing in accordance with the approved drawings and applicable standards.
- Provide the necessary inspections and quality-control records for the works undertaken.

4. BOQ and Measurement Basis

- The BOQ shall be the basis for identifying the work items and quantities covered by this scope.
- Only items included in the supplied BOQ shall be priced and included in the BOQ revision.
- Quantities shall be checked against the supplied drawings wherever sufficient information is available.
- Any quantity that cannot be verified from the supplied drawings shall be clearly identified for further review.
- Rates and amounts shall be calculated according to the agreed BOQ rate-adjustment instructions.

5. Exclusions and Clarifications

- Any work not listed in the supplied BOQ is excluded unless separately instructed and approved.
- Architectural finishes, electrical installations, plumbing, mechanical services, external works, and other items not expressly listed in the BOQ are excluded from this scope.
- Although the BOQ title refers to the ground floor and first floor, the listed structural items primarily cover ground works, foundations, and ground-floor structural elements. **Separate first-floor structural items are not clearly listed in the supplied BOQ.** The first-floor slab and associated structural works should therefore not be assumed to be included unless confirmed by the project drawings and a revised or supplementary BOQ.





6. Completion

The contractor shall complete the listed works in a safe and professional manner, rectify defects identified during inspections, and obtain the required approvals from the supervising consultant or engineer before proceeding to subsequent construction stages.

