

CONSTRUCTION OF A TVET CENTER AT THINADHOO CITY

REGION/ISLAND: THINADHOO CITY

TYPE OF BUILDING: EDUCATIONAL INSTITUTE

Building	Institute Block
No. of storeys	3 storey
Foot print	766.07 sq.m
Facilities	Multi-Purpose workshop Administrative Offices Reception Waiting lounge Bathroom (Female, Male & for Disabled) 7 Classrooms ICT Lab Prayer rooms (Female & Male) Study rooms Student services Staff room Store room Pantry Auditorium (100PAX) Meeting Rooms Library
Intended Use	The Institute is designed as an educational facility dedicated to delivering both theoretical and practical learning experiences for students. It will serve as a hub for academic instruction, hands-on training, and skill development, ensuring that students receive a well-rounded education. The institute will be equipped with modern classrooms and other essential facilities to support a comprehensive learning environment.

EXISTING SERVICES AND TEMPORARY SERVICES NEEDED.

Utilities such as Electricity, Water, Sewer or Data are not available at the site. Contractor will need to make arrangements for such services through the utility companies.

MATERIAL STORAGE:

The land plot has no existing buildings, but there is enough space to build temporary storage and staff accommodation within the construction plot area. Contractor will need to make temporary facilities for storage and accommodation.

WORKS INCLUDED IN THE SCOPE

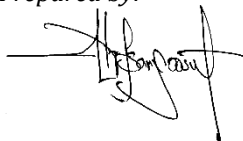
Major works to be included in the project:

- Preliminaries
- Ground works
- Concrete works
- Roofing
- Masonry, plastering and screed
- Boundary wall (concrete, masonry, plastering and painting)
- Flooring & tiling
- Doors & windows
- Wood work & ceiling
- Painting
- Metal work
- Hydraulics & drainage (rainwater collection / disposal)
- Electrical installations
- Air conditioning system supply and install
- Data and security system and network
- Firefighting system
- Supply and installation of Furnitures.
- Supply and installation of TVET workshop materials/equipment.
- Landscaping

Major Works Sequence:

- Site Clearing: Vegetation clearance and disposal and preparation of the site for construction.
- Temporary Services: Arrangement of utility services for the construction process.
- Temporary Buildings: Construction of staff accommodation (or arrangement outside the site), material storage and site offices.
- Ground Works: Excavation and earth works.
- Concrete Works: Foundation and concrete works of the buildings.
- Masonry Works: Masonry works of the buildings.
- Roofing Works: Roof structure and fixing of roofing sheets.
- Plastering Work: Plastering of interior and exterior walls.
- Cabling, Piping & Screed: Laying of cables and pipes for the utilities (plumbing, electric, data, fire, AC, sound system and security).
- Finishing works: Finishing works for the walls, soffit, floor (painting, tiling, ceiling).
- Fixtures and Main Connections: Fixing of the fittings (plumbing, electric, data, fire, AC, sound system and security).
- Furniture: Supply and installation of furniture.
- TVET Workshop – supply & installation
- Boundary Wall: Excavation, masonry, plastering, painting works for the plot boundary.
- Landscaping: Landscaping for the plot area.

Prepared by:



Ali Nifsan

(Engineer)

Approved by:



Mohamed Hilaal

(Project Manager)