

# CONSTRUCTION OF A TVET CENTER AT FUVAHMULAH CITY.

TYPE OF BUILDING: EDUCATIONAL INSTITUTE

## FACILITIES:

### **Institute Building**

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

## BUILD UP AREA:

Institute Block: 755 sqm (3 storey)

## 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
- Firefighting system
- Furnitures supply and install
- Auditorium sound system supply and install
- 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, 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.
- Boundary Wall: Excavation, masonry, plastering, painting works for the plot boundary.
- Landscaping: Landscaping for the plot area.