

**ENHANCING THE QUALITY OF SECONDARY SCHOOL EDUCATION (EQSEE) IN  
ZANZIBAR, TANZANIA, THROUGH A HOLISTIC APPROACH (2018-2022)****ANNEX I: STATEMENT OF WORKS (SOW)****Executive Summary**

KOICA is undertaking a programme that is geared towards enhancing the quality of secondary education in Zanzibar. Following a scoping assessment exercise and subsequent submission of the report, KOICA and the Ministry of Education in Zanzibar decided to prioritize a total of eleven (11) secondary school sites for new construction. The programme aims at improving the quality of education in Zanzibar, by building new laboratories, water, sanitation and Hygiene (WASH) facilities in the selected schools. This programme is to be undertaken in Unguja and Pemba.

KOICA has engaged UNOPS to support the implementation of the programme. Under the infrastructure component, there are various facilities to be upgraded and improved by building new structures. One of the facilities chosen for enhancing is Jongowe Secondary School, Unguja.

The scope of the project will include;

1. Construction of new typical Laboratories
2. Construction of new Wash Facilities (Boys 4, Girls 4, Disabled 2)
3. New external works (water tanks)

**1) Construction of new Laboratories**

The construction of the new laboratory building will include

- i. Excavation works for a new foundation
- ii. Backfilling
- iii. Foundation works for the stone strip foundation
- iv. Structural works, (column bases, ground beams, ring beams, beams, lintels, staircases and columns
- v. 20cm solid concrete block walling
- vi. 12 mm thick plaster to internal and external surfaces walls
- vii. Painting to both internal and external surfaces

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- viii. Terrazzo floor finish
- ix. Concrete worktops finished with self-leveling epoxy as specified in the drawings and B.O.Qs
- x. A roof consisting of steel roof structure and IT5 iron sheet covering with ridge cap, hardwood fascia, UPVC gutters and downpipes, gypsum ceiling).
- xi. Wooden and metallic doors complete with all accessories (locks, hinges and handles) and finished as specified in the drawings and B.o.Q
- xii. Windows complete with all accessories and finished as specified in the B.o.Q
- xiii. HVAC Installations as per drawings.
- xiv. Electrical installations & fittings (cabling, conduits, switches , bulbs, sockets, earthing, , distribution board sockets, consumer unit, light fittings)
- xv. Solar system (Installation of solar security lights and back up lighting on solar)
- xvi. Sanitary fittings ( wash hand basins, water taps)
- xvii. Plumbing Installations (,PPR plumbing pipe work, floor traps)
- xviii. Firefighting equipment (as specified in the B.o.Q)

## **2) Construction of new Wash Facilities (Boys, Girls, Disabled and Teachers)**

The construction of the new wash facility building will include

- xix. Excavation works for a new foundation
- xx. Backfilling
- xxi. Foundation works for the stone strip foundation
- xxii. Structural works, (column bases, ground beams, ring beams, beams, lintels, staircases and columns
- xxiii. 20cm solid concrete block walling
- xxiv. 12 mm thick plaster to internal and external surfaces walls
- xxv. Painting to both internal and external surfaces
- xxvi. Terrazzo floor finish
- xxvii. Concrete worktops finished with terrazzo as specified in the drawings and B.O.Qs
- xxviii. A roof consisting of steel roof structure and IT5 iron sheet covering with ridge cap, hardwood fascia, UPVC gutters and downpipes, gypsum ceiling).
- xxix. Wooden doors complete with all accessories (locks, hinges and handles) and finished as specified in the drawings and B.o.Q
- xxx. Windows complete with all accessories and finished as specified in the B.o.Q

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- xxxi. Electrical installations & fittings (cabling, conduits, switches , bulbs, sockets, earthing, , distribution board sockets, consumer unit, light fittings)
- xxxii. Sanitary fittings (water closets, wash hand basins, water taps)
- xxxiii. Plumbing Installations (,PPR plumbing pipe work, floor traps)

### 3) **New external works**

The external works will include

- i. Construction of a 6m high water tank tower as specified in the drawings and B.o.Qs
- ii. Construction of a bases for the ground water tanks as specified in the drawings and B.o.Qs
- iii. Supply and installation of UPVC ground plastic water tanks as specified in the drawings and B.o.Qs
- iv. Construction of a Water reticulation system.
- v. Providing new precast concrete paving slab to protect building foundation
- vi. New Security lights on solar system
- vii. Construction of a Sewer reticulation system
- viii. Construction of Man Holes.
- ix. Construction of a gas cylinder cage.
- x. Construction of Dilution Chambers
- xi. New solar security lights