

# TANZANIA ATOMIC ENERGY COMMISSION

## PROPOSED LABOLATORY ARCHITECT





The laboratories will include:

- (i) Nuclear Analytical Laboratories comprising of Alpha, Beta and Gamma Spectrometry, XRF, XRD, Mossber and Radiochemistry Laboratories;
- (ii) Tests and Calibration laboratories consisting of Secondary Standard Dosimetry Laboratory (SSDL);
- (iii) Personal Monitoring and cytogenetic laboratory;
- (iv) Non Destructive Testing (NDT) Laboratories;
- (v) Nuclear Instrumentation Maintenance Laboratory;
- (vi) Nuclear Safety, Security, Safeguards and Emergency Response;
- (vii) Inspection, Enforcement, Mining, Safety Matters, Authorization, and Enforcement;
- (viii) Physical Analysis Laboratory;
- (ix) Earth and Mineral Analysis Laboratory;
- (x) Radioactive Wastes Analysis Laboratory;
- (xi) Consumables for each laboratories
- (xii) Radiation Protection for in-house training and outreach programs