



Telephone +254 721 635 957

LEADERSHIP OFFICE STAFF

3D Printing & Prototyping Lead

Norisha Foundation | We are certified | 3D printing and physical prototypes

Work arrangement: On-site in Nairobi; CAD preparation may be remote

Reporting: Home Office Lead; accountable to the Founder for approved technical or creative work

Applicable office(s): Founder home office

Funding and activation conditions

Enrolment records interest only. Progression, activation, placement and starting work depend on confirmed funding, approved staffing budgets, strategic priorities, resource planning and deployment readiness. Dates are planning targets, not guaranteed employment.

Purpose and scope

Turn approved designs into safe, documented prototypes and miniature-city components.

Responsibilities

1. Lead planning, quality checks, safe methods and documented review of the assistant's work; obtain approvals before release.
2. Prepare CAD meshes, check dimensions and tolerances, orient parts and document slicer profiles and support strategies.
3. Choose materials within manufacturer limits and approved project specifications; estimate time and material before production.
4. Operate printers only after commissioning and model-specific induction; manage hot parts, moving equipment, ventilation and consumables under the approved safety procedure.
5. Record print settings, batch identifiers, failed runs, inspections, maintenance and finished-part handovers.
6. Coordinate post-processing and fit tests; escalate faults. Do not claim medical, load-bearing, electrical or child-safe certification for untested prototypes.





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Qualifications, evidence and application

Required qualifications and experience

Master's degree in additive manufacturing, industrial design, product design, manufacturing technology or a closely related field. A verifiable portfolio and practical competence in the advertised work are essential. Minimum 10 years of relevant, progressively responsible experience, supported by verifiable work and references.

Portfolio and evidence

Provide three printed projects with CAD/slicer evidence, materials, tolerances, faults resolved and clear authorship.

Selection assessment

Explain a failed print, prepare a small test model and present a safe printing and inspection method using available approved equipment.

Expected delivery

Traceable prototypes, verified dimensions, reusable settings, material accountability and documented quality checks.

Enrol first and submit the full application

Enrol at www.norisha.org/registration/careers and save your reference. Send a cover letter, CV, relevant academic/professional certificates, permitted portfolio links and two referees with permission to mark@norisha.org. Subject: NORISHA LEADERSHIP OFFICE | reference | office | role | preferred location. Prefer PDF attachments below 10 MB total. Do not submit passwords, ID/passport copies, KRA PINs, SHA, bank or medical information at this stage. No recruitment fee.

Rolling review and final selection

Closing: 30 November 2026, 23:59 EAT. Missing information receives correction guidance; an unsuccessful decision includes specific reasons. Suitable applications stay in a confidential consideration pool without an early passed message. Final comparison takes place after closing; up to ten suitable candidates per role family may be retained if enough qualify. Other work requires a defined role, candidate agreement and separate written terms.

Appointment, authenticity and privacy

Target: each applicant receives an outcome or outstanding-check status by the morning of 1 December 2026. Cleared appointees receive their role, duty station, reporting contact and written start instructions before deployment. Planned start: 1 December 2026 for cleared appointees with written offers. Salary in KES, contract, duty station, equipment and remote-work terms are agreed in writing. Only genuine, verifiable credentials are accepted. Authorised reviewers handle application data; unsuccessful records are reviewed for deletion six months after closing unless retention is required. Contact mark@norisha.org for correction or assistance. Initial enrolment is not appointment.

