



**Project Title:**

“A Home She Deserves” — Rwamagana Home Renovation Project

**Implementing Organization:**

Izere Property Brothers

Building Skills. Building Futures. Building Communities.

Partner Organization:

Narrow Road Ministries

**1. Project Overview**

Izere Property Brothers, a youth-driven construction and skills development program, proposes a community service project in Rwamagana District, Eastern Province, Rwanda, to renovate and modernize the home of Mrs. Jiraneza Jeanet, a 58-year-old widow, mother of five, and grandmother of three.

Since the loss of her husband in 1995, Mrs. Jeanet has sustained her family through a lifetime of small-scale work, from housemaid to market vendor and salon assistant, always guided by faith and integrity. Despite her resilience, her home, a two-bedroom mud-brick structure, has deteriorated due to age, termite damage, and limited maintenance.

Through a partnership between Izere Property Brothers and Narrow Road Ministries, this initiative aims to restore her dignity by renovating her home and constructing a new private toilet and shower block, designed for accessibility and long-term usability.

**2. Site Information**

Location: Rwamagana District, Rwanda

Plot Size: 500 m<sup>2</sup> x 800 m<sup>2</sup> (approx. 400 m<sup>2</sup> usable building area)

Existing Structure: Two-bedroom single-storey dwelling (approx. 72 m<sup>2</sup>) built with sun-dried bricks and iron sheet roofing.

**Site Condition:**

Uneven ground with partial soil erosion near the kitchen area

Cracks on wall corners due to poor foundation compaction

Old timber trusses and rusted roofing nails

Shared external pit latrine in poor condition

**3. Project Scope of Work**

A. Renovation Works (Main House)

Demolition and Deconstruction:

Partial removal of damaged wall sections and roof sheeting

Removal of deteriorated timber door and window frames

Structural Rehabilitation:

Foundation underpinning using compacted hardcore and 15cm thick concrete blinding

Replacement of cracked masonry with solid burnt bricks (230mm wall thickness)

Reinforced ring beam (150mm x 200mm) for wall stability

**Roofing System:**



New corrugated iron sheets (28 gauge) with anti-rust coating  
Timber truss replacement using treated eucalyptus wood (100x50mm sections)  
Ridge cap and fascia board installation

**Internal and External Finishes:**

Internal plastering with sand-cement ratio 1:4, smooth finish  
External plaster with roughcast texture for weather resistance  
Two coats of emulsion paint (ivory interior, cream exterior)  
Floor screeding (cement-sand ratio 1:3) and vinyl tile finish

**Electrical and Plumbing Retrofitting:**

Replacement of existing wiring with 1.5mm<sup>2</sup> twin cable and new switch points  
New PVC conduit system for future solar integration  
Basic plumbing with ½" GI pipes for kitchen sink and shower area

**B. Sanitation Facility Construction**

A modern toilet and shower unit will be constructed separately, designed for elderly accessibility.  
Size: 2.5m x 3m (7.5 m<sup>2</sup> built area)  
Foundation: 150mm reinforced concrete base  
Superstructure: 230mm solid brick wall  
Roofing: Corrugated iron sheets with timber truss

**Finishing:**

Ceramic tiles (anti-slip floor)  
Flush toilet system connected to a septic pit  
Handwash basin with small PVC water tank (250L)  
Exterior rendered and painted

**4. Workforce and Implementation**

Role	Personnel	Description
Site Engineers	2	Oversee site setting-out, quality control, safety compliance
Mason Supervisors	2	Guide trainees in brickwork, plastering, flooring
Izere Property Brothers Trainees	7	Engage in hands-on learning under mentorship
Plumber & Electrician	2 (part-time)	Install plumbing and lighting systems
Community Volunteers	3	Provide manual labor (clearing, mixing, carrying materials)

Duration: 21 working days (3 weeks)  
Supervision: Izere Property Brothers Construction Team Lead



## 5. Bill of Quantities Summary (Estimated USD 5,000)

Category	Description	Estimated Cost (USD)
A. Construction Materials	Cement (80 bags), Sand (10 trips), Bricks (4,000 pcs), Iron sheets (20 pcs), Paint (60L), Nails, Timber, Tiles, PVC & GI pipes, Electrical fittings	3,000
B. Labour & Technical Supervision	Engineer supervision, mason wages, trainee stipends, safety equipment	1,200
C. Logistics & Transport	Material transport, site clearing, waste disposal	400
D. Documentation & Media Coverage	Photography, video, community handover event	400
Total Estimated Budget		5,000 USD

## 6. Expected Outcomes

Safe and renovated home for Mrs. Jeanet and her family  
Improved sanitation and hygiene through a modern toilet and shower  
Practical field experience for 7 Izere Property Brothers trainees in renovation and site management  
Strengthened partnership between Izere Property Brothers and Narrow Road Ministries  
Inspirational media content highlighting community transformation

## 7. Sustainability and Impact

This initiative reinforces Izere Property Brothers' core vision — to empower youth through construction skills while building stronger communities.  
The renovated house will serve as a training case study for future Izere trainees, emphasizing social impact through craftsmanship.  
Mrs. Jeanet's family will be supported with a basic maintenance guide, ensuring sustainability of the improvements.

"We build more than houses, we build hope, dignity, and skills for the next generation."

Ezra Kwizera, Founder, Izere Property Brothers