



IF NOT YOU, THEN WHO?

PROJECT BROCHURE & FEASIBILITY REPORT

Small School Building for Remote Areas on Solar System

Standalone, solar-powered schools (Class I–VIII) with IT & Science labs — 02 new schools every year

Sindh Ajrak Welfare Trust

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About the Trust & Executive Summary



Sindh Ajrak Welfare Trust

A Sindh-based non-profit working under the motto “If Not You, Then Who?”, registered with the Pakistan Centre for Philanthropy (PCP) and the Sindh Charity Commission, Government of Sindh — dedicated to the social, educational and economic uplift of underserved communities across Sindh.



The Project

Construct and operate small, standalone, solar-powered school units (Class I–VIII) in remote, off-grid villages of Sindh — each with a science lab, an IT lab, clean water and sanitation — at a pace of 02 new schools every year.

7.4M

Out-of-school children in Sindh

44%

of Sindh's school-age population is out of school

02

New solar-powered schools every year

The Problem: Sindh's Rural Education Crisis

Sindh's crisis is not mainly about first enrolment — it is the collapse of continuity once children finish the primary level, especially in remote villages far from any middle school.

- **Shortage of middle/secondary schools**
Villages often have only a primary school (or none); the nearest middle school can be kilometres away, so children — especially girls — drop out after Class 5.
- **No reliable electricity**
Load-shedding or total absence of grid power makes it difficult to run lighting, water pumps, computer or science labs in existing school buildings.
- **Teacher shortages & absenteeism**
A 2023 review found tens of thousands of teachers on Sindh's payroll attending school only irregularly, especially in far-flung areas.
- **Flood damage & poverty**
Recurring floods have damaged thousands of school buildings; poverty and child labour further pull children out of class.

Sources: UNICEF Pakistan; Pakistan Today (2026); Gulf News (2026); Gallup Pakistan; The Friday Times (2025).

Reality on Ground: Studying Without a School

Across remote villages in Sindh, children often study in the open — sitting under a tree, on bare ground, with no classroom, no lab, and no protection from heat, rain or dust.

- No nearby middle school beyond Class 5, so families are left with no option once children finish primary level
- No electricity for lighting, fans, clean water or a functioning IT/science lab
- Long, often unsafe daily walking distances to the nearest functioning school



Illustrative artwork — for the printed brochure, the Trust should replace this with its own consented field-visit photographs from target villages.

Our Solution: A Solar-Powered Small School

A self-contained, community-based school campus — fully powered by its own off-grid solar system, independent of the local electricity supply.



Class I – VIII

Full primary + middle education on one campus, aligned to Sindh Textbook Board / National Curriculum standards



Off-grid Solar Power

~5 kW system with battery backup — runs lighting, fans, water pump, and both labs



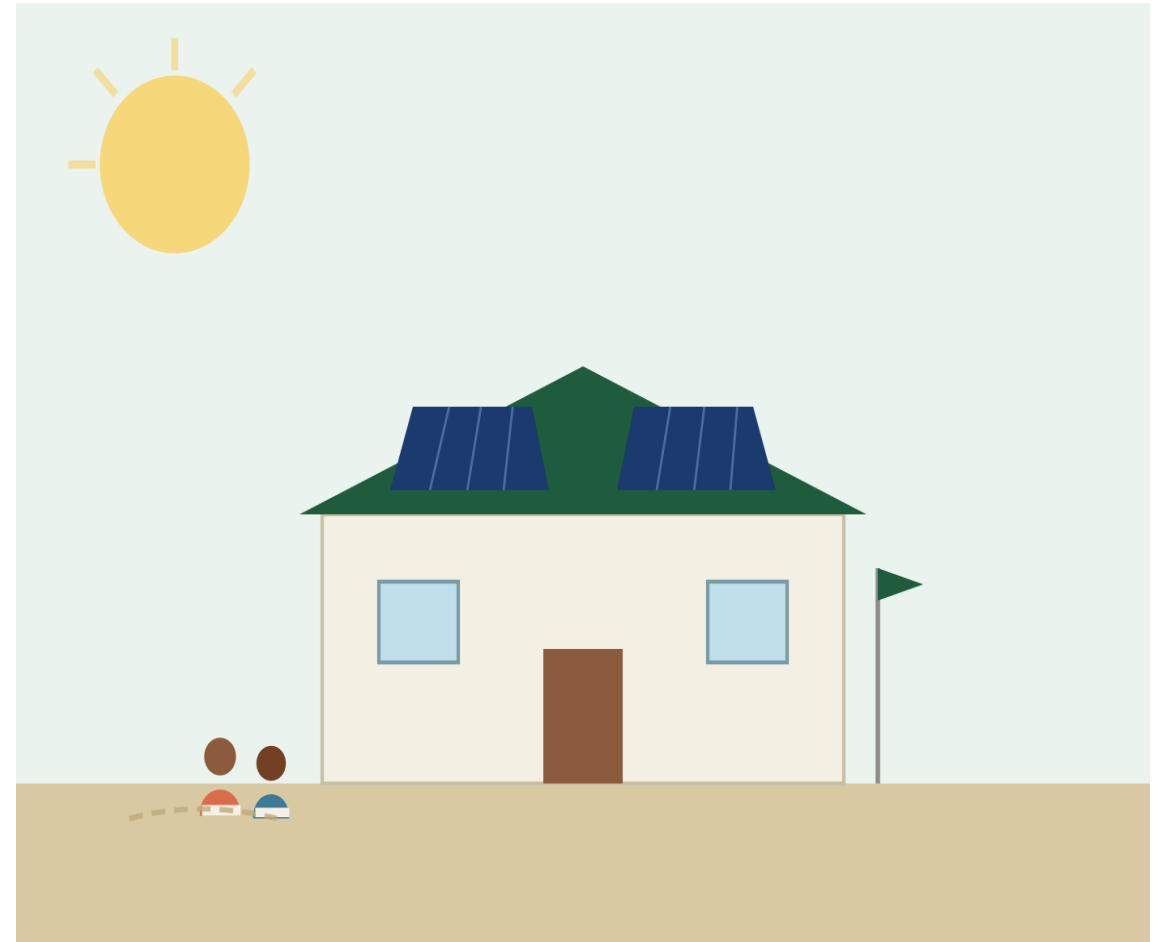
IT Lab

Computers, networking & internet connectivity for digital literacy from Class I–VIII



Science Lab

Age-appropriate demonstration kits so science is taught practically, not just from textbooks



Human Resource Plan (Per School)

Position	Staff	Monthly (PKR)	Annual (PKR)
Head Teacher / School Coordinator	1	45,000	540,000
Class Teachers (Class I–VIII, multi-grade)	6	30,000 each	2,160,000
IT & Science Lab Instructor	1	35,000	420,000
Support Staff (Chowkidar / Sanitation)	1	20,000	240,000

Total per school: 9 staff | PKR 280,000 / month | PKR 3,360,000 / year

Salary levels are indicative planning estimates based on prevailing rural-Sindh private/NGO-school compensation; to be finalized against the Trust's HR policy at implementation.

Construction & Setup Cost (Per School, One-Time)

Cost Head	Amount (PKR)
Civil Works — School Building (~3,500 sq. ft. @ PKR 3,000/sq. ft.)	10,500,000
Off-grid Solar Power System (~5 kW, with battery backup)	950,000
IT Laboratory (computers, furniture, networking)	1,000,000
Science Laboratory (equipment & furniture, Class I–VIII)	500,000
Furniture & Fixtures (desks, chairs, whiteboards, storage)	800,000
Boundary Wall, Water Supply & Sanitation (WASH)	1,000,000

Subtotal: PKR 14,750,000 Contingency (5%): PKR 737,500

Total Construction & Setup Cost per School: PKR 15,487,500 (≈ PKR 15.5 million)

Based on 2026 market rates for basic single-storey rural construction (PKR 2,800–3,500/sq. ft.) and a 5 kW off-grid/hybrid solar system (PKR 850,000–1,100,000). Confirm with local vendor quotations before disbursement.

Operating Cost & Total for 02 Schools / Year

Cost Head	Monthly (PKR)	Annual (PKR)
Staff Salaries	280,000	3,360,000
Learning Materials & Stationery	15,000	180,000
Maintenance (building, solar, labs)	15,000	180,000
Internet & IT Lab Consumables	15,000	180,000
Admin & Contingency	5,000	60,000

Total Operating Cost per School: PKR 330,000/month | PKR 3,960,000/year

TOTAL YEAR-1 COST — 02 SCHOOLS

PKR 38.9M

(PKR 38,895,000)

Construction (2 schools): PKR 30,975,000

Operating cost (2 schools, Yr 1): PKR 7,920,000

From Year 2 onward, each new cohort of 2 schools adds ~PKR 31M in construction, while every school already running continues to need ~PKR 3.96M/year in operating cost.

Impact on the Community



Higher enrollment & retention

Directly addresses Sindh's dropout-after-Class-5 pattern, especially for girls



Uninterrupted schooling

Solar power keeps lights, labs and water running regardless of grid status



Digital & scientific literacy

Early exposure to computers and science practicals children would otherwise never get nearby



9 direct jobs per school

Local teaching and support staff employment drawn from or near the community



Reduced child labour

A credible, nearby schooling option reduces pressure to send children to work instead



Community trust & ownership

A well-built, functioning campus rebuilds parental confidence in schooling

Sustainability, Monitoring & the Way Forward



Local School Management Committees involving parents and community elders provide day-to-day oversight.



Transparent reporting consistent with the Trust's PCP "Seal of NPO Good Practice" and Sindh Charity Commission registration.



Maintenance budgets are built into annual operating costs to keep the solar system, labs and building fully functional.



The Trust will pursue linkages with the Sindh education department for teacher training, curriculum alignment and co-funding as the model scales.

Sindh Ajrak Welfare Trust invites donors, philanthropic partners and government stakeholders to support this initiative.

“ IF NOT YOU, THEN WHO? ”



Registered with PCP | Registered with Sindh Charity Commission, Government of Sindh

