

TENDER DOCUMENT

NOTICE INVITING TENDER (NIT)

Tender Ref. No.: [GRN No. 135]

Date: [22-09-2026]

AROH Foundation, an ISO Certified organization of national repute working towards social upliftment in multiple sectors like education, livelihood, health & sanitation, women empowerment, skill development, environment, and community development, invites sealed quotations/tenders from eligible vendors/agencies/service providers for the requirement mentioned below.

1. Tender Details

- **Name of Project:** HRDP_Thadlaskein P0858 (2026-2027)
- **Nature of Work:** Establishment of 3 STEM Science Laboratory at Government Schools
- **Project Location:** Thadlaskein, West jaintia Hills, Meghalaya.
- **Tender Type:** Open
- **Contract Period:** 03 Months
- **Last Date for Submission:** [15-10-2026]
- **Tender Opening Date:** [22-09-2026]

2. About AROH Foundation

AROH Foundation is an ISO Certified organization of national repute working towards social upliftment in multiple sectors such as education, livelihood, health & sanitation, women empowerment, environment sustainability, and community development through various CSR and development sector initiatives across India.

3. Scope of Work

The Detailed Scope of Work:

The selected vendor/agency shall be responsible for the Supply, Installation, Testing, Commissioning, Training, and Handover of a complete STEM Science Laboratory in the identified Government Schools of Block Thadlaskein, West Jaintia Hills, Meghalaya.

Detailed Scope of Supply and Installation

Biology

- Ear Model
- Brain Model
- DNA Model

- Eye Model
- Heart Model
- Kidney Model
- Lungs Model
- Respiratory System Model
- Stomach Model
- Microscope
- Prepared Slides: Amoeba, Hydra and Paramecium
- Assembling Box (Complete Set)

Physics

- AC Generator Model
- Conductors & Insulators Model
- Dynamo Model
- Eddy Current Model
- Electric Circuit Model
- Faraday's Law Apparatus
- Fleming's Left-Hand Rule Model
- Galvanometer
- Gold Leaf Electroscope
- Hydro Power Model
- Light Reflection Model
- Newton's First, Second & Third Law Models
- Parallel Connection Model
- Series Connection Model
- Reflection of Sound Model
- Rectifier
- Solar LED Light Model
- Solenoid Model
- Wind Turbine Model
- Wind Mill Model
- Pulley
- Screw Gauge (2 Nos.)
- Petrol Engine (4-Stroke Demonstration Model)
- Bar Magnet
- U-Shape Magnets (4 Nos.)
- Simple Pendulum Model
- Spring Balance (0–250 gm)
- Stopwatch / Timer
- Wave Machine

Robotics

- Robotic Starter Kit (1 No.)
- Soldering Iron with Soldering Station
- Basic Hand Tool Kit
- Basic Electrical Components Kit
- Craft Stick Pack (100 Pieces)

Artificial Intelligence

- Coding Kit
- Artificial Intelligence Kit
- Integrated AI and Robotics Learning Kit

Electronics

- Capacitors (2 Nos.)
- Digital Multimeter
- LED Bulbs (Pack of 500)
- Resistors
- Small Screwdriver Set
- Wire Stripper
- Hot Glue Gun
- P-N Junction Diode Apparatus
- Ohm's Law Apparatus

Astronomy

- Solar System Model
- Motorized Solar System
- Solar Lunar Eclipse Model (Electric)
- Phases of Moon Model (Electric)
- Day & Night Model (Electric)
- Time Indicator Model (Electric)
- Seasons Apparatus (Electric)
- Earth Layer Model
- Globe (8 Inch)
- Telescope
- Solar Energy Kit Model

Fluid Mechanics

- Density & Floating Model
- Hydraulic Brake Model
- Newton's Colour Disc
- Primary Colours Model
- Steam Engine Model

Mathematics

- Metal Geometry Compass
- Formula Charts
- Geometrical 3D Models
- Mathematics Laboratory Kit
- Measuring Tape
- Protractor
- Ruler
- Label Marker
- Magnetic Fraction Discs
- Fraction Bars
- Pattern Blocks
- Algebraic Identity Kit
- Triangle Kit
- Area of Circle Kit
- Pythagoras Theorem Model
- XY Axes Coordinate Geoboard
- Angle Sum Property of Triangle Model
- Polyhedron & Nets
- Charts: $(a+b)^2 - (a-b)^2 = 4ab$ and $(a+b)^3$

Chemistry

- Beakers (100 ml – 2 Nos.)
- Beakers (500 ml – 2 Nos.)
- Boiling Tubes
- Bunsen Burner (2 Nos.)
- China Dish (2 Nos.)
- Conical Flask (250 ml – 2 Nos.)
- Droppers (Big & Small)
- Glass & Plastic Funnels (Big & Small)
- Gas Jar
- Glass Rods
- Measuring Cylinder
- Lab Thermometers
- Petri Dishes
- Test Tubes with Rack
- Test Tube Holder (2 Nos.)
- Test Tubes (Set of 10)
- Periodic Table Wall Chart
- States of Matter Chart
- Display Charts

- Hydrochloric Acid (Dilute & Concentrated)
- Litmus Paper (2 Packs)
- Magnesium Ribbon (Pack)
- Sulphur Powder (Pack)
- Scissors

Optics

- Convex Lens
- Concave Lens
- Convex Mirror
- Concave Mirror
- Plane Mirror
- Glass Prism
- Magnifying Glass
- Needle
- Pinhole Camera Model
- Slides & Cover Slips (Box)

Safety Equipment

- ABC Type Fire Extinguisher (2 Kg)
- Standard School First Aid Kit

Infrastructure, Civil and Electrical Works

- Experiment Tables (4 ft × 4 ft) – 2 Nos.
- Plastic Round Seating Stools – 10 Nos.
- Whiteboard – 1 No.
- Complete electrification including wiring, switches, sockets, distribution board and safety fittings.
- Painting of laboratory walls with Astronomy and STEM themes (15 ft × 15 ft room).
- Installation of wall-mounted shelves for laboratory equipment.
- Supply and installation of 20 educational standees (6 ft × 8 ft).

Installation, Testing and Commissioning

- Transportation of materials to project site.
- Installation of all equipment and models.
- Testing of electrical and scientific equipment.
- Commissioning and demonstration of the complete STEM laboratory.
- Handover of the laboratory after successful testing.

Teacher Training and Capacity Building

- Operation of laboratory equipment.
- Safe handling of science instruments and chemicals.

- Demonstration of Biology, Physics, Chemistry and Mathematics models.
- Use of Robotics and AI Kits.
- Basic troubleshooting and maintenance.
- Activity-based STEM teaching methodology.
- Training manuals and demonstration sessions for teachers.

Deliverables

Deliverable	Description
Supply of Equipment	Complete STEM laboratory equipment as per specifications.
Installation	Installation and wall mounting of all equipment and shelves.
Infrastructure Works	Furniture, electrification, painting and branding completed.
Testing & Commissioning	Fully functional STEM Science Laboratory handed over.
Teacher Training	Hands-on training with user manual and demonstration.
Documentation	Installation report, photographs, warranty documents and handover certificate.

Technical Specifications & Quality Standards

- All equipment shall be new, branded, and educational-grade.
- Materials shall conform to NCERT/SCERT/STEM laboratory standards wherever applicable.
- Electrical installations shall comply with Indian safety standards.
- Laboratory furniture shall be durable and suitable for school use.
- Painting and branding shall be washable and long-lasting.
- Applicable manufacturer warranties shall be provided for all equipment.

Completion Timeline

The entire scope of work shall be completed within 30 days from the date of issuance of the Work Order and approval by AROH Foundation.

Warranty and Support

- Minimum one-year warranty on laboratory equipment, robotics kits, AI kits, electrical installations, and furniture.
- Free replacement/repair for manufacturing defects during warranty period.
- Technical support during warranty period.

4. Eligibility Criteria

- Valid PAN Card
- GST Registration Certificate

- Company/Firm/Agency Registration Certificate
- Minimum 5 years of relevant experience
- Experience of working with NGOs/CSR/Government projects preferred
- Submission of previous work orders/completion certificates
- Financial stability and operational capacity
- Ability to execute the assignment within the prescribed timeline

5. Documents Required

- Company/Firm Profile
- PAN Card
- GST Registration Certificate
- Registration Certificate/Incorporation Certificate
- Previous Work Orders/Completion Certificates
- Audited Financial Statements/ITR
- Signed Tender Document
- Financial Quotation
- Declaration Letter

6. Technical Proposal

The technical proposal should contain:

- Understanding of project requirement
- Execution methodology/work plan
- Timeline for completion
- Team composition/manpower deployment
- Relevant organizational experience

7. Financial Proposal

The financial quotation should include complete details in the prescribed format with GST mentioned separately.

Rates should remain valid for a minimum period of 15 days.

8. Evaluation Criteria

The tender/proposal shall be evaluated based on:

- Technical competency
- Relevant experience
- Financial competitiveness
- Past performance

- Compliance with tender terms & conditions

AROH Foundation reserves the right to accept or reject any proposal without assigning any reason.

9. Terms & Conditions

1. Incomplete or late submissions shall not be considered.
2. The selected agency/vendor shall comply with all statutory norms and legal compliances.
3. Payment terms shall be finalized mutually and released against invoice and supporting documents.
4. The organization reserves the right to terminate the contract in case of unsatisfactory performance.
5. The bidder shall maintain confidentiality of all project-related information.
6. Any dispute arising out of this tender shall be subject to the jurisdiction of Noida, Uttar Pradesh.

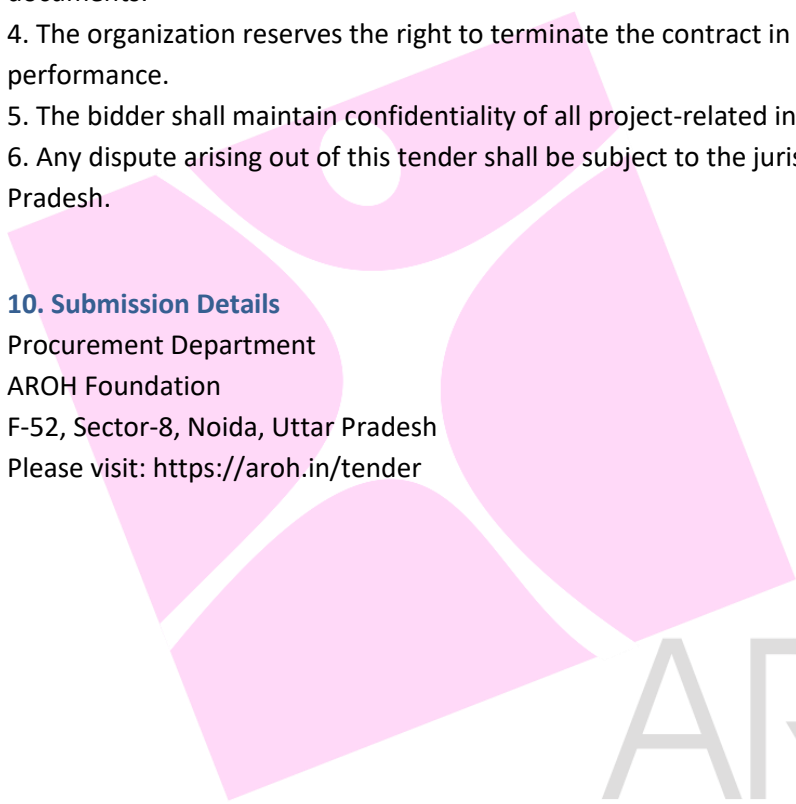
10. Submission Details

Procurement Department

AROH Foundation

F-52, Sector-8, Noida, Uttar Pradesh

Please visit: <https://aroh.in/tender>

The logo of AROH Foundation is a large, stylized letter 'A' composed of several overlapping pink and light purple geometric shapes. To the right of this graphic, the word 'AROH' is written in a large, grey, sans-serif font. Below 'AROH', the word 'FOUNDATION' is written in a smaller, grey, sans-serif font, with each letter spaced out. The final letter 'N' in 'FOUNDATION' is highlighted with a pink square background.

AROH
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