

SEforALL Technical Specifications

Supply and Storage of Institutional Scale Electric Pressure Cookers (EPCs) in Tanzania

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1. SEforALL Background

Sustainable Energy for All (SEforALL) is a quasi-international organization working with leaders in government, the private sector and civil society to drive further, faster action toward achievement of Sustainable Development Goal 7 (SDG7), which calls for universal access to sustainable energy by 2030, and the Paris Agreement, which calls for reducing greenhouse gas emissions to limit climate warming to below 2° Celsius.

Achieving these goals will require a radical rethink of the way we produce, distribute, and consume energy. SEforALL is at the heart of this foundational shift to ensure no one is left behind. Drawing on data and evidence, we identify a critical path to success in achieving SDG7.

Former UN Secretary-General Ban Ki-moon launched the Sustainable Energy for All initiative in 2011. Now an independent organization, we maintain close links with the UN, including through a relationship agreement, partnerships with UN agencies and with SEforALL's CEO acting as the UN Secretary-General's Special Representative for Sustainable Energy for All and Co-Chair of UN-Energy. These roles include advising the UN Secretary General and his staff on issues relating to sustainable energy and the implementation of SDG7 and supporting the coordination of sustainable energy issues in the United Nations system.

The ambitions of SDG7 are extraordinary. Aiming to achieve them in the context of the Paris Agreement on climate change involves transformation at a scale never undertaken before. Swift action must be taken by Leaders in governments, private sector companies, institutions, financiers, development banks, unions, communities, entrepreneurs, and civil society. As we enter the final decade to achieve SDG7, SEforALL has strategically chosen to strengthen global agenda-setting while expanding its activities to an engagement model that prioritizes data-driven decision-making, partnerships with high-impact countries and implementation on the ground. The new SEforALL three-year business plan outlines "results offers" that scope out our planned interventions and demonstrate to our funding partners the impact of their support. <http://www.seforall.org>.

2. Objective

The procurement of EPCs aims to support approximately 25,000 students across up to 50 schools in Tanzania, ensuring each institution has appropriately sized units for daily meal preparation in a school setting.

Suppliers are invited to propose a fit-for-purpose solution that effectively meets schools’ bulk cooking needs (i.e., rice and beans).

3. Scope of Supply

3.1. Summary of Requirements

The electrical pressure cookers must be energy-efficient, durable, and suitable for institutional use in schools in Tanzania. They should meet international and national standards for safety, efficiency, and environmental sustainability.

3.2. Technical Specifications for Goods

Item No	SEforALL minimum technical requirements	Quantity	Is Bid compliant? Bidder to complete	Details of goods offered. Bidder to complete
EPC Stove (primary unit)	<ul style="list-style-type: none"> ● Cooking Units: EPCs with a minimum capacity of 40 liters, that will be used for staples, sauce, and porridge in large schools. ● Material and Design: <ul style="list-style-type: none"> - Robust and durable stainless steel construction - Insulated body to minimize heat loss and maximize energy efficiency - Ergonomic design for ease of use and cleaning ● Electrical Specifications: Single-phase connection; voltage 220-240V, 50Hz; plug type UK Standard (Type G) ● Control and Operation: <ul style="list-style-type: none"> - Customizable Language: User interface must be customizable for Swahili language operation - Digital or analog temperature control with a clear display - Adjustable cooking time and heat settings - Simple interface for ease of operation by school staff ● Smart Meter: The inbuilt smart meter must function reliably under standard grid conditions and support near real-time monitoring with secure data transmission. Data should be provided in a specified tabular format, either via IoT-enabled technology or manual download. Smart meters must also feature backup data storage to ensure data integrity. 	Up to 500 units	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details of goods offered, including specifications and brand/model offered if applicable

	<ul style="list-style-type: none"> ● Safety Features: <ul style="list-style-type: none"> - Overheat protection mechanism - Automatic shutoff function - Safe and insulated handles to prevent burns - Sturdy and non-slip base for stability ● Compliance and Certification: <ul style="list-style-type: none"> - Certification from recognized international bodies such as IEC 60335-2-15 (Household and similar electrical appliances - Safety - Particular requirements for appliances for heating liquids), ISO 9001 (Quality Management Systems), and ISO 14001 (Environmental Management Systems) or equivalent. 			
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3.3. Delivery and Storage Requirements

SEforALL Requirements		Is Bid compliant? Bidder to complete	Details Bidder to complete
Delivery time	Bidder shall deliver the goods as per 3.4 below	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Delivery place and Incoterms rules	DPU (Delivery at Place Unloaded)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
Storage facility	Bidder shall provide safe and secure storage facilities for the goods until no later than 31 December 2025	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details
SEforALL Right to vary requirements	At the time the contract is awarded, SEforALL reserves the right to vary the quantity of the goods and associated services specified above, without any change in the unit prices or other terms and conditions of the ITB.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Insert details

3.4. Delivery Timelines

Bids should account for phased delivery to align with project timelines and supplier capacity. Bidders must clearly outline production and shipping lead times, confirm availability and their ability to meet the specified delivery schedule, recognizing that order quantities are subject to budget constraints and may be adjusted downward. Additionally, bidders should indicate any existing stock available within Tanzania. While a mix of EPC sizes may be required, capacities should generally range between 40 and 80 liters to optimize efficiency and practicality, avoiding an excessive number of smaller units unsuitable for large-scale use. 50% of total units are expected to be delivered within 90 days. See table below.

Capacity (liters)	Insert details	Insert details	Insert details
Unit Price (USD)	Insert details	Insert details	Insert details
In Stock (units)	Insert details	Insert details	Insert details
30 days delivery (units)	Insert details	Insert details	Insert details
60 days delivery (units)	Insert details	Insert details	Insert details
90 days delivery (units)	Insert details	Insert details	Insert details
90+ days delivery - specify (units)	Insert details	Insert details	Insert details

3.5. Related services requirements

Service	UNOPS minimum requirements for services	Quantity	Physical unit	Place where services will be performed	Final completion date(s) of services
Storage Requirements	Safe and secure storage of EPCs prior to distribution to school	All stoves	Number of stoves procured	Supplier's Storage Facility	31 December 2025
Technical setup	Installation of EPCs and Smart Meter Technology	All stoves	Number of stoves procured	Dar Es Salaam, Tabora, Kigoma and Dodoma regions	Within 30 days of arrival
After Sales Services	Minimum one (1) year comprehensive warranty covering parts and service. Provide maintenance and technical support through regional technicians.	x	N/A	Dar Es Salaam, Tabora, Kigoma and Dodoma regions	Minimum one year after EPC / Smart Meter Deployment
User Manual Development	Develop and deliver user manuals in Swahili and English, detailing functioning and care	1	1	N/A	Within 60 days of contract signing
Training of Project Partners	Train end users and project partners on EPC and smart meter use and maintenance. Trainers should be fluent in Swahili and English.	1	1	Tanzania	Within 30 days of arrival

4. Eligibility Criteria and Qualification Requirements

4.1. Eligibility Criteria

- The bidder must be incorporated and maintain all required licenses and certifications to operate as required by law in the country of registration (scanned copy of the Certificate of Incorporation to be submitted).
- The bidder must be eligible to work in Tanzania.
- Completed and signed SEforALL Bank Details Form.
- Audited financial statements for the last two years
- Signed Statement of Confirmation.
- Bid validity 90 days.

4.2. Qualification Requirements

The applying organization must demonstrate the following criteria:

- In-country presence to provide support on maintenance, repair, training and installation in a timely manner.
- Financial capability - Liquidity: the ratio average current assets/current liabilities over the last two (2) years must be equal or greater than 1. The bidders must include in their bid audited balance sheets covering the last two (2) years. If the financial statements for 2024 are not available yet, the oldest financial statements accepted for this criterion will be for the year 2023 and 2022.
- Financial capability: The bidders should have annual sales turnover of minimum USD 100,000.00 in any one of the last two years. If the financial statements for 2024 are not available yet, the oldest financial statements accepted for this criterion will be for the year 2023 and 2022.

5. Bidding and Evaluation Process

Interested and qualified bidders must submit one Technical Bid and one Financial Bid as separate documents. Proposals must be submitted either in PDF or PPT format and should include the following:

Technical Bid (Annex II)

- Brief background about your organization.
- The organization's experience in supplying similar goods and services.
- Earliest possible delivery dates.
- Product catalogues and technical documentation.
- Three (3) relevant organizational/client references.
- CVs of proposed trainers.

Financial Bid (Annex III), outlining the costs associated with carrying out the scope of supply, including:

- Equipment costs.
- Storage costs.
- Training costs.
- Other costs.
- All costs must be in USD and inclusive of all taxes.

Evaluation Process

- The evaluation of bids will be based on the lowest cost, technically acceptable bid. Details of the technical evaluation criteria are outlined in Annex I.

6. Submission of Bids

Please submit your proposal to procurement@seforall.org by **28 April 2025, 17:00 Central European Summer Time (CEST)**. In case of questions or queries please contact SEforALL at procurement@seforall.org

Annex I – Evaluation Criteria

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1. Compliance with eligibility criteria: Pass/Fail

2. Technical Evaluation Criteria: Pass/Fail

- Goods offered in the bid are technically acceptable and do not contain any material deviation(s) from the minimum required as included in Section 3.2.
- The bid's delivery and storage requirements (including Incoterms rule(s) requested) are substantially compliant and do not contain any material deviation(s) from the minimum required as included in Section 3.3.

3. Commercial Evaluation Criteria

- Lowest cost