

REQUEST FOR PROPOSALS

Cambodia Australia Partnership for Resilient Economic Development (CAPRED) Program	
RFP Number	RFP26-068
Project Name	Independent Commissioning, Measurement & Verification (Cx, M&V) Services
Domain Name	Climate Resilience
Application Closing Date	5pm (Phnom Penh Time), 24 September 2026
Assignment Duration	Between October 2026 until 30 June 2027
Location of assignment	Banteay Meanchey Province, Cambodia

1. Background

1.1. About CAPRED

The CAPRED Facility is Australia's flagship bilateral economic development program in Cambodia, focusing on economic recovery and resilience over the next five years, with a possible three-year extension. The Facility supports Cambodia in implementing a range of important economic reforms to support the country's economic transition. These interventions and reforms aim to encourage more productive and inclusive public and private investment, promoting a resilient, inclusive, and sustainable economy.

1.2. About the Project

Through its Climate Resilience Portfolio, CAPRED supports Cambodia to close climate finance gaps by mobilising public and private capital for climate adaptation and mitigation investments. This includes support to commercially viable businesses seeking concessional green finance through the Cambodia Climate Finance Facility (CCFF), which requires a minimum 20% verified energy saving against an agreed baseline as a condition of eligibility.

CAPRED is supporting a private sector borrower developing a greenfield rice milling facility in Cambodia ("the Facility") that is seeking CCFF financing on this basis. An independent, design-stage energy efficiency assessment has established a baseline and design-case energy performance for the Facility. A summary of the Facility and the design-stage assessment is provided at **Annex 1 (Project Information)**. For reasons of commercial confidentiality, the borrower's name and other site-identifying details are withheld from this RFP and will be provided to the successful applicant prior to assignment start.

Energy efficiency financing requires credible evidence that projected savings are actually realised. Independent commissioning, measurement, and verification services help confirm that installed equipment is ready to perform as designed and that actual operating performance meets or exceeds the design energy performance target, supporting CAPRED's, the lender's, and the CCFF's due diligence, monitoring, and reporting requirements.

2. Objective

CAPRED seeks to engage a qualified consulting firm or independent consultant ("the Consultant") to independently perform Commissioning, Measurement and Verification (Cx, M&V) services for the Facility described at **Annex 1, in accordance with the International Performance Measurement and Verification Protocol (IPMVP) Option C – Whole Facility Measurement**, to confirm that the Facility's energy efficiency measures are installed, commissioned, and operating in line with its design energy performance.



3. Scope of the Assignment

The Consultant shall provide independent review and verification to confirm that the agreed energy efficiency measures at the Facility have been installed and are operationally ready to deliver the expected energy performance under normal operating conditions and shall provide an independent technical opinion on actual performance following commissioning.

The assignment follows IPMVP Option C – Whole Facility Measurement, using utility and fuel metering data together with production and process data to assess actual facility energy performance. The M&V boundary, performance indicators, and detailed methodology are set out at **Annex 2 (M&V Plan)**.

3.1. Assignment Activities

The Consultant shall undertake the following activities, as applicable to the assignment:

- Review relevant documentation, including baseline assessment findings, equipment specifications, design assumptions, installation records, commissioning records, operating procedures, and lender reporting requirements.
- Confirm the assessment boundary, performance indicators, baseline assumptions, metering requirements, data collection methodology, monitoring period, and evidence requirements with CAPRED, the Facility owner, and the financier, as set out in Annex 2.
- Verify the installation, functionality, and readiness of energy, production, and other relevant monitoring systems required to support performance measurement and verification.
- Conduct site inspections to verify installation status, commissioning completion, operational readiness, and the availability and quality of required performance data.
- Collect, monitor and assess energy performance during the agreed verification period and frequency, and calculate the performance indicators set out in Annex 2.
- Compare actual performance against baseline assumptions, design targets, financing requirements, and other agreed performance benchmarks (see Annex 1 and Annex 2).
- Identify factors that may materially influence energy performance and recommend practical corrective, operational, or monitoring actions, without assuming responsibility for implementation.
- Present preliminary findings to CAPRED, the financier and the Facility owner and incorporate feedback into the assessment report(s).

3.2. Assignment Approach and Applicability

- The Consultant shall apply IPMVP or other lender-specified methodologies and recognised good practice standards, as applicable.
- The Consultant shall use qualified personnel, maintain professional independence from the Facility's designers, equipment suppliers, and contractors, and clearly document methodologies, assumptions, data sources, limitations, and any conflicts of interest.
- The Consultant shall coordinate with CAPRED and relevant stakeholders to confirm the scope, technical requirements, report formats, evidence requirements, and review timelines, and revise deliverables as needed based on comments.
- CAPRED and the Facility owner will provide available information and site access as required. The Consultant shall identify any information gaps that may affect the assessment.
- All project and Facility information, including the information at Annex 1 and Annex 2, shall be treated as strictly confidential and shall not be disclosed to third parties without CAPRED's prior written consent.



4. Deliverables

The following deliverables apply to this assignment, consistent with the standard M&V deliverable template under CAPRED's Energy Efficiency Assessment for Green Finance TOR (RFP26-061). Full methodology, benchmarks, and indicators referenced below are set out in Annex 2.

#	Deliverable	Description	Expected Timing
1	M&V Assessment Plan	A brief plan confirming the M&V boundary, methodology, performance indicators, baseline and design benchmarks, metering requirements, data collection approach, and implementation schedule, consistent with Annex 2.	At assignment kick-off
2	M&V Readiness Verification Report	A verification memo confirming the readiness of electricity, fuel, production, and process monitoring systems, and identifying any corrective actions required before commissioning.	Prior to commissioning
3	Commissioning Data Verification Report	A report confirming metering and data system functionality, data quality, as-built operating conditions, and re-confirming the baseline and design performance benchmarks set out in Annex 1 for ongoing monitoring.	Following commissioning
4	M&V Monitoring Reports (semi-annual)	Six-monthly reports presenting validated performance data, calculations, data quality checks, and findings from site verification visits, in accordance with Annex 2.	Every six months during the monitoring period
5	Final M&V Report (including up to two revision rounds)	A final report presenting verified energy performance, comparison against the baseline and design targets in Annex 1, confirmation of whether the CCFF's minimum 20% energy-saving requirement was achieved, and recommendations for continued performance optimisation.	At the end of the monitoring period

All deliverables shall be submitted in English, in a format suitable for CAPRED's and, where applicable, the lender's review and CCFF reporting requirements. Report templates and review timelines shall be confirmed with CAPRED at assignment kick-off.

5. Qualifications or Specialized Knowledge/Experience Required

5.1. Firm / Consultant Eligibility

- Legally registered to operate in Cambodia, or able to secure the necessary registration, work permits, or local partnership arrangements before assignment start.
- Demonstrated financial and organisational capacity to deliver the assignment within the required timeframe, including availability of proposed personnel across the full monitoring period.
- Demonstrated professional independence: the Consultant shall not have been involved in the design, equipment supply, or construction of the Facility, and shall have no conflict of interest with the Facility owner or its equipment suppliers.



5.2. Required Qualifications and Experience

- Relevant tertiary qualifications in mechanical, electrical, energy, industrial, or a related engineering discipline; an advanced degree or accreditation in energy management is an advantage.
- Certified Energy Manager (CEM), Certified Energy Auditor (CEA), or equivalent recognised professional certification, held by the lead consultant / team member.
- Minimum five years of professional experience conducting energy audits, commissioning, or M&V assignments for industrial or agro-processing facilities, with a demonstrated track record of comparable assignments.
- Demonstrated working knowledge of the International Performance Measurement and Verification Protocol (IPMVP), including Option C – Whole Facility Measurement, and of ISO 50001/ISO 50002 or equivalent standards.
- Experience with biomass-fired thermal systems and associated heat balance / thermal efficiency verification is an advantage.
- Experience in agro-processing or food processing sectors is an advantage.
- Prior experience preparing lender-facing or development-finance-facing technical reports (e.g. for DFIs, climate funds, or concessional lending facilities such as the CCFF) is strongly preferred.
- Fluent written and spoken English is required; Khmer language ability, or a Khmer-speaking team member, is an advantage for site-level data collection and stakeholder engagement.

5.3. Team Composition

- Lead / Senior M&V Consultant: holds overall responsibility for technical quality, methodology, and final sign-off on deliverables; must meet the certification and experience criteria above.
- Supporting technical specialist(s), as relevant to the assignment scope, for example an electrical/motor specialist and a thermal systems specialist.
- A local counterpart, translator, or field enumerator, where the lead consultant does not speak Khmer and the assignment requires extended site-level engagement.

5.4. Other Qualifications

- Demonstrate integrity and high ethical standards.
- Display cultural, gender, religion, race, nationality and age sensitivity and adaptability.
- Treat all people fairly and equally.
- Fulfil obligations to GEDSI sensitivity and zero tolerance for sexual harassment.
- Strictly comply with the DFAT Child Protection Code of Conduct and policy (<https://www.dfat.gov.au/sites/default/files/child-protection-policy.pdf>).
- Teams with a gender balance are strongly encouraged to apply.

6. Evaluation

CAPRED will use an objective and reliable process to evaluate each proposal. The proposals and responses will be evaluated based on (in no particular order):

1. Compliance with this Request for Proposal.
2. Demonstrated understanding of the assignment and ability to meet the required deliverables and timeline.
3. Relevant experience of the consulting firm/consultant in similar Cx, M&V or energy audit assignments.
4. Expertise of individuals and the overall team nominated to deliver the service. CAPRED reserves the right to reject any individual proposed and to ask the applicant to provide an alternative.
5. Past performance on similar assignments, including reference checks.



6. Quality and relevance of previous work examples.
7. Proposed financial plan for the services.

Note: While price is a factor, it is more important that the applicant can demonstrate value for money. CAPRED reserves the right to contract more than one supplier for these services and may actively seek to contract more than one supplier to ensure the supply of technical services. CAPRED reserves the right to vary the contract terms and to exercise the option period at its sole discretion.

Due diligence checks will be conducted on the organization(s) and individuals nominated in the proposal prior to awarding contract(s).

7. How to Apply

The proposal, including the Technical and Financial Response Forms, must be submitted no later than **5pm (Phnom Penh time), 24 September 2026** by email to procurement@capred.org with “**RFP – Commissioning, Measurement and Verification (Cx, M&V) Consultant Services**” in the subject line. Any proposals submitted after this time and date will not be considered.

The applicant is required to submit the Response Form in English (form provided separately), with an indication of a daily rate for each task/service as per the Response Form, and a milestone-based financial proposal including estimated level of effort by deliverable and any reimbursable costs (e.g. site travel). The rate should include any and all costs to carry out the work in the specified location. The applicant should also detail any other relevant assumptions or required terms.

The program will host an online briefing and Q&A session on 07 September 2026. Interested bidders may register to join the briefing by emailing procurement@capred.org, no later than 04 September 2026.

CAPRED is available to answer questions or provide further details on the scope of work. Please email procurement@capred.org with the subject line: “Cx, M&V Consultant Services – Enquiry”. Detailed, site-identifying project information (Annex 1) will be shared with shortlisted or interested bidders under a non-disclosure agreement upon request.

Attachments:

- Technical Response Form
- Financial Response Form
- Annex 1 - IPMVP Option C
- Annex 2 – M&V Plan

Cowater International is an equal opportunity employer, basing employment on merit and qualifications as they relate to the professional experience and position expectations. Cowater does not discriminate against any employee or applicants on the basis of race, religion, sex, gender identity, disability, age, or any other basis protected by law. CAPRED aims to have a diverse workforce and a workplace that is supportive of gender equality, disability and social inclusion. Women, people with disabilities and other minorities are highly encouraged to apply.

