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MINISTRY OF WATER AND ENERGY
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MINISTRY OF WATER AND ENERGY

TERMS OF REFERENCE

*Consultancy Services for Independent Verification of Results for
Accelerating Sustainable and Clean Energy Access Transformation
(ASCENT) Program for DLRs#1.1, 1.2, 1.3 and 2.1*



March 2026

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Background

Energy is one of the most important areas for Ethiopia's economic growth and development, and it is predicted to grow significantly over the medium term. Ethiopia's energy sector has seen a major turnaround over the last decade. The Ethiopian government (GoE) has made significant progress in improving its generation capacity. Already, the available generation capacity, primarily based on hydropower, has reached more than 9700MW

The GoE wants to become East Africa's electricity export powerhouse. Power exports to Sudan, Djibouti, Kenya, and Tanzania are expected to improve the country's export revenue potential by the end of the decade, reaching up to US\$ 600 million per year. Meanwhile, the country's current hydroelectric systems have been producing below their capacity in compared with the demands of the country. Despite major strides in the past decade with regards to generation, Ethiopia's electricity sector continues to fall short of the promise of effective service delivery. In response, the Government of Ethiopia, with support from the World Bank and other development partners, has adopted a comprehensive electrification approach under the National Electrification Program (NEP), which aims to achieve universal access to electricity through a balanced mix of grid and off-grid solutions.

Building on the NEP and lessons learned from earlier electrification initiatives the GoE has a vision for universal access to energy by 2030 is articulated in the 10-Year Development Plan of Ethiopia (2021-2030) and the National Sustainable Energy Development Strategy (N-SEDS, 2024 – 2030). Pillar 1, Goal 7 of the 10-year Development Plan of Ethiopia is “to ensure access to affordable, reliable, sustainable and modern energy for all”. The N-SEDS vision is “Access to sustainable, affordable and reliable energy services to all, driving social equity, economic growth and prosperity, and environment sustainability by 2030”. Ethiopia's NEP was launched in 2017 and updated to NEP 2.0 with the target to achieve universal access by 2025. NEP 3.0, under update, is laying out an adjusted roadmap and action plan until 2030, guided by the 10-year Development Plan of Ethiopia and the N-SEDS, acknowledging implementation delays amidst the macro-economic and security challenges in Ethiopia in the last few years. The NEP 3.0 will continue to be organized into the same three pillars as NEP 2.0, supported by the proposed ASCENT PforR, addressing the dominant challenges of the sector: (a) Pillar 1: On-grid electrification; (b) Pillar 2: Off-grid service provisioning; and (c) Pillar 3: Sector capacity and institutional reform.

The Ministry of Water and Energy (MoWE) holds overall responsibility for monitoring and oversight of the ASCENT Program and the achievement of Disbursement-Linked Indicators (DLIs). To ensure transparency, accuracy, and credibility in reporting, an **independent verification agent (IVA)** is engaged by the Ministry for each DLI. These agents conduct rigorous verification of results reported by implementing entities, assess progress against agreed indicators, and provide independent Program Results Verification Reports (RVRs).

Disbursements under the ASCENT Program will be governed by a set of four DLIs. (1) DLI 1: Cumulative number of electricity connections; (2) DLI 2: Utility digitalization and performance improvement; (3) DLI 3: Sector institutions capacity building and systems strengthening; (4) DLI 4: Strengthen sector planning capacity Updated policy and institutional framework for equitable access; IDA Credit proceeds will be released upon submission to the World Bank of the RVR verified by the IVA, which confirms the achievement of the DLIs. MoWE will submit the Program biannual RVR to the World Bank in the last weeks of January and July. The verification will be conducted by IVAs in terms of reference (ToRs) acceptable to the World Bank.

Accordingly, this Terms of Reference (ToR) is prepared to hire competent and vibrant independent verification agent (IVA) that confirm the results of the ASCENT program achievement of results under



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DLI 1 (DLR 1.1,1.2 and 1.3)and DLI 2 (DLR 2.1) to be chosen competitively and ready to work with MoWE under a framework agreement for 3 consecutive years of Program implementation.

Program Description

ASCENT Ethiopia is a five-year Program-for-Results (PforR) implemented over 2025–2030, designed as a continuation of World Bank support for the implementation of the National Electrification Program (NEP) 2.0. (to be updated to NEP 3.0 as soon as it gets published and adopted during FY26) and will finance the activities of the NEP 2.0's three pillars in three result areas on a countrywide eligibility basis, while supporting the Government's ambition of universal access by 2030 as outlined in the 10-year development plan. This PforR will support significant acceleration of electricity connections under Results Area 1 of the Government's NEP (increase on-grid access to electricity), Results Area 2 (increase off-grid access to electricity) and Results Area 3 (Sector capacity and utility performance improvement). The last area is essential to support the successful implementation and sustainable service delivery under the first two areas. a. Results Area 1: Increase on-grid access to electricity, in areas covered by the power grid through, inter alia, large scale and programmatic grid connection (regularization, densification, intensification, and extension of electricity connections) as defined in the NEP. This is aligned with Pillar 1 of the NEP and Pillar 2 of the ASCENT MPA framework.

The ongoing ELEAP program has extensively addressed densification, and the ASCENT Ethiopia Program will continue to implement densification, while also explicitly reaching out to customers requiring MV extensions. Continued large-scale and programmatic densification activities will result in improved cost-efficiency of the electrification program and significantly increased economic benefits in the targeted areas. As part of the NEP and NEP 2.0, to be extended by the NEP 3.0, the ASCENT Ethiopia Program will directly support 1.1 million new connections benefiting 5.5 million people. New and upgraded MV lines will be designed with higher standards to enhance resilience against climate-related hazards, such as stronger winds and higher temperatures'. Results Area 2: Increasing off-grid access to electricity through inter alia, scaling up public sector led off-grid programs such as mini-grids and solar home systems in remote areas and strengthening the regulatory framework for enabling private sector participation in mini-grid development. This aligns with Pillar 2 of the NEP and Pillar 3 of the ASCENT MPA framework. The support for Results Area 2 will be further designed once the recommendations of the NEP 3.0 are ready and will build on lessons learned from ELEAP and ADELE. NEP 2.0 and upcoming NEP 3.0 envision scaling up public sector-led off-grid programs, including mini-grids and stand-alone systems (SAS) for remote areas where the grid is not likely to reach in the near term. This phase of the Program focuses on: (i) developing guidelines to ease rollout of solar home systems to poorer rural households battling affordability and liquidity issues, (ii) setting up systems for monitoring rollout of off-grid access, and (iii) developing and adopting tariff guidelines and methodology for mini-grid, which will ensure mini-grids are an attractive investment for EEU and support the strengthening of regulatory framework for enabling private sector participation in mini-grid development.

The activities covered in the Program will support faster rollout of off-grid systems in future phases of the MPA in Ethiopia. Both mini-grid and SAS systems are integrating climate resilience as part of their core designs with the use of hardened materials and waterproof equipment. Moreover, they will serve to prevent users from being impacted by climate events (and especially during flooding events which are present in this area) by powering critical infrastructures. c. Results Area 3: Strengthen sector capacity and institutional reform through, inter alia supporting: (a) critical functions of key sector institutions for accelerated electrification such as planning, technical and commercial (in particular MoWE and EEU); (b) the update of the national electrification program; (c) critical systems in the sector such as fiduciary, citizen engagement, gender equality and safeguard systems and availing critical analytics for electrification decision-making; (d) support implementation of critical actions under the recently updated



PIP and adoption of digital systems such as incident reporting management system (IRMS) for EEU to address existing data gaps, improve performance, reduce power interruptions, and strengthen operations; and (e) capacity building focusing on climate risk awareness, mitigation, and adaptation to strengthen the sector's resilience. This is in alignment with Pillar 1 of the ASCENT MPA framework).

To improve quality of supply in the context of increasing grid access, ASCENT Ethiopia will also support implementation of critical actions under the recently updated PIP and adoption of digital systems such as Incident Reporting Management System (IRMS) for EEU to address existing data gaps, improve performance, reduce power interruptions, and strengthen operations. Finally, ASCENT Ethiopia's capacity building program will include climate risk awareness, mitigation, and adaptation to help the country's power sector be more resilient at a time of increasing climate hazards. As a result of actions under Results Area 3 related to digitalization and performance improvement, it is expected that the utility will have systems and procedures in place to reduce technical and commercial losses from 20 percent to 14 percent by 2030 and manage better and respond faster to outages and service interruptions, restoring electricity faster for a more resilient and reliable infrastructure. 28. The Program beneficiaries are the people accessing electricity. Entities that will benefit from the Program include micro, small, and medium enterprises (MSMEs); users of public institutions such as schools and health facilities; as well as key sector institutions such as the EEU, MoWE, and other agencies critical for the electrification program.

Objective of the Assignment

The objective of this assignment is to engage a qualified and Independent Verification Agent (IVA) to verify and validate the ASCENT Ethiopia Program's Disbursement-Linked Results (DLRs) on a biannual basis, governed by a framework agreement between the IVA and MOWE, assessing progress toward DLR#1.1 (1.1 million new grid-based household connections), DLR #1.2 (connection of 300 towns within 2.5 km of the medium-voltage network), and DLR #1.3 (480,000 new connections benefiting from the customer connection subsidy) and DLR#2.1: New accounts created on the Commercial Management System (CMS) database 1,100,000. The IVA will ensure that results reported for each half-year period up to July 7, 2028, are accurate, reliable, and fully compliant with the agreed verification protocols.

Scope of Work and deliverables

This assignment will be conducted nationwide, covering DLRs#1.1, 1.2, 1.3 and 2.1 implemented up to July 7, 2028, across all regions and the two city administrations of Ethiopia.

Interested consulting firms are invited to express their interest to do undertake this task by signing a framework agreement (running for 3 years) with MOWE, demonstrating their capacity to manage the required logistics for the verification work. The consulting firm selected for this task will be responsible for verifying DLRs#1.1, 1.2, 1.3 and 2.1, throughout the country based on the report generated by the Ethiopian Electric Utility (EEU) and based on the verification protocol governing achievement of the results for program implementation. The selected consulting firm shall perform the following tasks:



Verification Schedule and Program Targets

The IVA will conduct surveys using an **ISO standard sample size** to verify the following program results biannually - at the end of July 7 and January 7 of each year.

DLR	Calendar Year 1 July 7, 2026	Calendar Year 2 January 7, 2027/July 7, 2027	Calendar Year 3 January 7, 2028/July 7, 2028
DLR 1.1: Cumulative number of electricity connections	450,000 new grid-based household connections	900,000 new grid-based household connections (450,000 additional new connections for verification)	1,100,000 new grid-based household connections (200,000 additional new connections for verification)
DLR 1.2: 300 towns located less than 2.5km from the grid connected to MV network	75 towns located within 2.5 km of the grid connected to the medium-voltage (MV) network	225 towns located within 2.5 km of the grid connected to the medium-voltage (MV) network (150 additional new towns for verification)	300 towns located within 2.5 km of the grid connected to the medium-voltage(MV) network (75 additional new towns for verification)
DLR 1.3 480,000 new connections benefitted from customer connection subsidy		280,000 new connections benefiting from the customer connection subsidy	480,000 new connections benefiting from the customer connection subsidy (200,000 additional new connections for verification)
DLR 2.1 New accounts created on the Commercial Management System (CMS) database 1,100,000	450,000 New accounts created on the Commercial Management System (CMS) database	900,000 New accounts created on the Commercial Management System (CMS) database (450,000 additional new accounts for verification)	1,100,000 New accounts created on the Commercial Management System (CMS) database (200,000 additional new connections for verification)

Kindly note, the targets listed above are indicative of the scale of verification for every biannual cycle. The IVA to quote cost per data point (per connection/town) to ensure agility in the event the Program is scaled or restructured.



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Field Verification and Quality Assessment

- Design verification methodology and sampling approach: Design and agree on a statistically representative sample size of household connections/towns for DLRs described in this ToR
- Conduct on-site visits to verify the physical existence and functionality of newly connected households (including those who are benefiting from the subsidy scheme in place), examining EEUs ERP system for the creation of Commercial Management System (CMS) database and visiting energized rural towns under this program implementations
- The IVA will verify that connections comply with acceptable quality standards, as established by EEU, as well as conduct site visits of the energized rural towns under the implementation of the program;
- Verification will be carried out on biannual basis.
- Desk-based data, documentation review, and field verification of achievements documented within MOWE and EEU to determine compliance with the program DLIs.
- Confirm that connections meet EEU quality and technical standards.
- Verify the accuracy of addresses, connection dates, and service activation.
- Conduct desk-based data and documentation review and cross-check reported achievements documented by MOWE and EEU.

Data Management and Compliance

- Develop an assessment spreadsheet and a simple computerized model to record draft and final verification scoring/rating data.
- Evaluate the compliance of verified connections with program rules, technical standards, and legal requirements defined in the Financing Agreement and Program Operations Manual (POM).
- Identify gaps, inconsistencies, or errors in reported data.
- Recommend corrective measures to address discrepancies in data reporting or connection quality.

Kick-Off Meeting and Planning

Conduct a kick-off meeting to confirm:

- Work plan and verification methodology
- Program Results Framework of EEU and MoWE
- Guidance to MOWE, EEU's Monitoring & Evaluation units, and Program Implementation Units (PIUs) for preparation of quarterly and annual reports, including report format alignment
- Agreement on the annual verification process, business protocols, work plan, and schedule of activities
- Preparation of templates for Program Results Verification Reports (RVRs)

Reporting

- Prepare draft Program RVRs for each half-year period, ensuring satisfaction of MOWE, EEU, and the World Bank, including:
 - Verified results for all DLIs/DLRs
 - Verification methodology and sampling approach
 - Assessment of data quality, accuracy, and completeness
 - Identification of discrepancies, risks, or gaps
 - Recommendations for improving monitoring and reporting



- Conduct verification in line with established verification protocol and this ToR to ensure an objective, transparent, and clear verification process.
- Prepare the final Program RVR, incorporating comments from EEU, MoWE, the World Bank, and workshop participants.

Workshop and Stakeholder Engagement

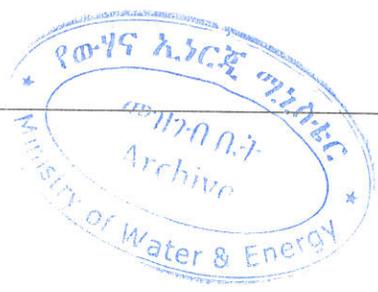
- Conduct a validation **workshop** to present the draft verification report, including:
 - Major findings on system performance
 - Recommendations for improvement
- Facilitate feedback and discussions with stakeholders (MoWE, EEU, World Bank)
- The cost of the workshop will be covered by MoWE

Final Verification Report

- Prepare the final RVR, incorporating comments from:
 - EEU
 - MoWE
 - World Bank
 - Workshop participants
- Ensure the final report provides a clear, transparent, and comprehensive assessment of results achieved under the specified DLRs



Disbursement of Linked Indicator	Disbursement Linked Result (DLR)	Definition of Achievement	Source	Procedure and Methodology
DLI #1: Establish On-grid Electricity Connections	DLR#1.1 1,100,000 new grid-based connections to households	The total number of households that receive a metered electricity connection, specifically focusing on service drops situated within a 20 meters radius of low voltage (LV) grid. These connections must comply with EEU's quality standards as mutually agreed upon by the World Bank. This ensures both reliability and safety in the delivery of electricity to these customers.	EEU official connection records, GIS mapping data, quality compliance reports.	<p><u>Methodology:</u> (i) Review EEU records and GIS data for proximity and compliance; (ii) Conduct site inspections using ISO standard sampling; (iii) Cross-verify physical observations with records.</p> <p><u>Procedure:</u> (i) Obtain official connection logs and GIS data; (ii) apply sampling methodology to verification sites; (iii) inspect sampled sites for compliance with LV proximity, metering, and quality standards; (iv) Reconcile findings with EEU records and (v) prepare verification report summarizing verified connections and discrepancies.</p>
DLR#1.2 300 towns located less than 2.5km from the grid connected to MV network	DLR#1.2 300 towns located less than 2.5km from the grid connected to MV network	The number of towns that have been electrified is based on the following network infrastructure which has been constructed and energized in accordance with EEU's quality standards, as agreed upon with the World bank. This includes the extension of a Medium Voltage (MV) line up to 2.5 Km from the existing infrastructure, the installation and energization of at least one distribution transformer (either 2x 50KVA or 100 KVA), and a Low Voltage (LV) network extension	EEU official construction and commissioning records. GIS mapping data showing MV and LV network and transformer locations. Quality compliance reports.	<p><u>Methodology:</u> (i) Review EEU records for MV/LV extension lengths and transformer installation. (ii) Validate GIS data for physical location and energization status. (iii) Conduct site inspections to confirm infrastructure presence and compliance.</p> <p><u>Procedure:</u> (i) Obtain official construction logs, commissioning certificates, and GIS data from the EEU. (ii) Inspect sample towns to confirm: - MV line constructed and energized. - Transformer installed and energized. - LV network constructed as per scope. (iii) Cross-verify site observations with EEU records and GIS mapping. (iv) Prepare a verification report summarizing verified towns, discrepancies, and compliance status. (v) Include geo-tagged photos and GPS</p>



	<p>DLR#1.3 480,000 new connections benefitted from customer connection subsidy</p>	<p>from 1.5 to 10 Km or more to facilitate further service connections.</p>	<p>The total number of households that receive a subsidy for a metered electricity connection, specifically focusing on service drops situated within a 20 meters radius of low voltage (LV) grid. These connections must comply with EEU's quality standards as mutually agreed upon by the World Bank.</p>	<p>CMS/CRM database extract of new accounts with customer ID, meter number and connection charge.</p>	<p>coordinates of MV lines, transformers, and LV networks in the report</p>
<p>DLI #2: Utility digitalization and performance improvement</p>	<p>DLR#2.1: New accounts created on the Commercial Management System (CMS) database 1,100,000</p>	<p>Number of newly created accounts for newly connected customers, including timely updates to the customer database with all relevant customer information, such as location and network details, within the Customer Relation Management (CRM) system.</p>	<p>(i) CMS/CRM database extract of new accounts. (ii) EEU official connection logs. (iii) GIS mapping data linking customer location to LV feeder and transformer (if available) (iv) - Signed service contracts.</p>	<p><u>Methodology:</u> (i) Reconcile CMS/CRM entries with physical connection records. (ii) Check completeness (customer ID, contract, GIS coordinates, feeder/transformer linkage). (iii) Confirm the timeliness of account creation. (iv) Review CMS/CRM audit logs for integrity.</p> <p><u>Procedure:</u> (i) Request CMS/CRM database extract and official connection logs from EEU. (ii) Reconcile CMS/CRM entries with physical connection records. (iii) Review CMS/CRM audit logs for integrity and compliance. (iv) Prepare a verification report summarizing: - Total new accounts are verified. - Discrepancies and corrective actions. - Compliance with DLR requirements. (v) Attach supporting evidence: - Screenshots of CMS/CRM entries</p>	<p>Procedure: The IVA will verify the account created on CMS with customer ID, meter number and connection charge (already paid or to be paid) recorded in the account. Based on the definition of "connection fee subsidy" in the POM the IVA will verify all accounts created in CMS and identify cases where the subsidy was applied.</p>





Deliverables

Deliverables will be in the form of periodic reports below and they will be submitted in English. The reports should be submitted in 3 hard copies and soft copies as well. In addition, all the data and information collected should also be submitted.

- Inception Report within one month submitted to MoWE: the inception report should provide the detailed methodology for verification of each DLIs, including methodology for establishing or verifying baselines, the firm's work plan, staffing plan, detailed templates for verification of all DLIs, random sampling procedures where applicable, and specific needs from the Ministry and EEU to enable implementation
- The IVA will prepare biannual verification checklist for each DLR expected to be achieved in the course of the year. The verification checklist will comprise a table specifying for each DLI the objective for each half year, the description of the DLR, the timeline for achieving the DLR and the required documentation used as a basis for the verification. The verification checklist will be provided a month prior to each half new fiscal year.
- The Results Verification Report (RVR) submitted biannually to MoWE. The report details progress made toward each of the four (4 DLRs per planned schedule and in accordance with the verification protocols. The RVR shall be submitted within a month of the end of each biannual verification period (to be agreed with the Ministry at the time of contract). The report shall include:
 - Executive Summary of key findings, including the figures for the annual targets achieved for each DLI;
 - Methodology used for verification and analysis of data collected;
 - Summary descriptive statistics for each verification sites in the form of tables, figures and related writings;
 - include the data points required to report on the results framework for ASCENT Ethiopia (*refer to ASCENT Ethiopia PAD*)
 - Demonstration and assessment of the accuracy of the information reported by the EEU, regions and centers using appropriate statistical tests, in accordance with the verification protocol;
 - Evidence verifying the achievement of the DLRs
 - Projection on future achievements and progress against the planned schedule of DLIs, and
 - Annex materials including final data collection tools, completed and clean data in tab-delimited format
- Final Report at the end of the program to be submitted to the MoWE: overall description of all activities and results achieved under the Program.

Key areas for reporting in alignment with ASCENT results framework

The IVA must review and report total connections achieved during the reporting period – segregated across types of meter connection based on its ownership and demographic:

- Residential
- Commercial
- Government/Public Facilities and Institutions.



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Intermediate Indicators by Results Areas - Type of electric meter connection based on ownership:

- Cumulative number of grid-based electricity metered-connections during the reporting period under the Program
 - Measures the cumulative number of households that receive access through grid connections under the Program
- Cumulative number of grid-based electricity metered-connections to non-residential customers established during the reporting period under the Program
 - Measures the cumulative number of non-residential customers that receive access through grid connections under the Program
- Cumulative number of grid-based electricity metered-connections to government/public facilities during the reporting period under the Program
 - Measures the cumulative number of government/public facilities that receive access through grid connections under the Program
- Households connected to the grid that are female headed and male headed
 - Measures the cumulative number of female-headed households that receive access through grid connections under the Program
- Number of new accounts on the Commercial Management System (CMS) Database
 - Cumulative Number of new accounts created on on the Commercial Management System (CMS) Database for new customers

PDO indicators by Outcomes - Type of electric meter connection based on the demographic:

- People provide with direct access to electricity through new connections – Female
 - Measures the number of females that receive access to electricity through grid connections
- People provide with direct access to electricity through new connections – Youth
 - Measures the number of people defined as youth (ages 15-24) that receive access to electricity through grid connections

Kindly note, key details on the above are also listed in the Program Appraisal Document for ASCENT Ethiopia (attached in the annex)



Assignment Duration

The assignment will be carried out immediately after the date of contract signing. Within this period, the Independent Verification Agent (IVA) will complete all verification activities, including desk review, field verification, and data analysis, preparation of draft and final Program Results Verification Reports (RVRs), and conduct of stakeholder workshops.

Required Firms Experience:-

The consultancy firm should have at least 3 years general experience on Independent Verification and Validation Services , Monitoring, Evaluation, and Learning (MEL) Services , Energy Sector Consultancy , Comprehensive program reviews in Energy Programs and has completed at least 2 projects of similar nature size and complexity on Independent Verification of RBF Program, Monitoring & Evaluation of Energy Access Program, Performance Audit of Renewable Energy PforR or related verification of program/ projects.

Team Composition and Required Qualifications

For the execution of the stipulated verification services, the assignment requires an IVA or a consulting firm with a team of qualified professionals. All team members must demonstrate the necessary education, experience, and technical competence to carry out the assignment effectively.

The team should include, at a minimum, the following key experts for each lot:



Position/Title	Minimum Educational Requirement	No.	Indicative months	Minimum Experience in Years	Required Relevant Experience
Team Leader	MSc or above in energy related field, statistics, Management, Business Administration, Project Management, or related field	1	12	15 years of general experience and successfully completed at least 7 similar verification, electrification assignments or auditing P4R program assignments as a team leader (subject to modify during RFP)	Liaise with EEU and MOWE with regards to timely preparation of annual progress reports and disbursement linked results (DLRs); (ii) Coordinate inputs from focal points and team members as per agreed work program and ensuring deliverables are prepared in a timely and satisfactory manner; (iii) Oversee the verification process as per the Program Operations Manual, this ToR and the accompanying guidelines to ensure adequate implementation and application, and accurate verification; (iv) Review, revise and up-date of RVRs prepared by team members; (v) Undertake all necessary tasks related to the monitoring and verification of results indicators under the Program. The Team Leader should have at least 15 years of experience in performance evaluation, and verification and monitoring of result-based programs; preferably World Bank Program-for-Results. The Team Leader must have effective communication and writing skills.



Position/Title	Minimum Educational Requirement	No.	Indicative months	Minimum Experience in Years	Required Relevant Experience
Senior Power Engineers/Verification Specialists	MSc or above in Electrical Engineering, Energy, or a related field	1	6	Minimum 10 years of general professional experience, and participated as an expert in at least 5 similar verification, electrification, or PforR program auditing assignments. (subject to modify during RFP)	He/She will support the Team Leader in monitoring, evaluation and verification of results indicator under the Program, including the following: (i) conduct physical inspection of results to be achieved under DLH (grid electrification) and DLI2 (mini-grids and stand-alone solar systems); (ii) review relevant information, documentation and reports for DLRs; (iii) prepare the RVRs as per template satisfactory to the World Bank and EEU; (iv) undertake all necessary tasks related to monitoring and verification of results indicators under the Program per agreed work program
Research/Data Analyst	Master's degree in Statistics, Management, Business Administration, Project Management, Economics, Data Science, or related field	1	6	10 years of general experience and participated as an expert in at least 5 similar verification, electrification, or PforR program auditing assignments (subject to modify during RFP)	the team through the following tasks: (i) gathering and compilation of information, data, and documentation confirming achievement of the results indicators; (ii) compile documentation supporting progress of the Program Action Plan; (iii) support the team in preparation of RVRs.



Position/Title	Minimum Educational Requirement	No.	Indicative Grades	Minimum Experience in Years	Required Relevant Experience
GIS / Mapping Specialist	BSC degree in GIS, Geography, or related field	1	6	10 years of general experience and participated as an expert in at least 5 similar verification, electrification, or PforR program auditing assignments(subject to modify during RFP)	Support the team by Map household connections, towns, MV network coverage; support spatial verification of DLR 1.2 and DLR 1.3 results
Junior verification specialist	Bachelor's degree in Engineering, Statistics	1	6	7 years general experience and participated as an expert in at least 2 similar	Assist field teams with verification, data entry, and reporting; support compilation of semiannual RVRs

Position Title	Minimum Educational Requirement	No.	Indicative Salary	Minimum Experience in Years	Required Relevant Experience
Specialist in utility IT and management information systems	BSc in computer science, ICT, Software engineer or related field	1	1	verification, electrification, or PforR program auditing assignments(subject to modify during RFP)	Support data extraction from EEU CRM and IT systems, advanced data analytics, and presentation of results. .

Position Title	Minimum Education Requirement	No. of Applicants	Technical Grade	Minimum Experience in Years	Required Relevant Experience

Reporting Procedures

IVA will report to MOWE and provide copies of the biannual Results Verification Report (RVR) and the DLR-specific reports. MOWE will be responsible for follow-up of the activities of the IVA firm.

Annex

- A1 – Financing Agreement
- A2 – Program Appraisal Document
- A3 – Verification Protocol
- A4 – Program Operation Manual

