

A. TERMS OF REFERENCE FOR INTERNATIONAL CONSULTANTS

1. **Banking expert (4 person-months, intermittent).** The expert should have the following credentials and experience: (i) an undergraduate degree in relevant banking, finance or science field; preferably with post-graduate degree and with a professional accounting qualification such as CPA/CA/ACCA; (ii) at least 10 years professional experience; (iii) at least 5 years of experience in banks' due diligence, credit/financial analysis and modeling; and (iv) relevant project experience in the Asian Development Bank's (ADB) developing member countries (DMCs). Work experience in the Pacific region is preferred. The expert will be undertaking the following activities: (i) due diligence of Pacific state-owned development banks (PSDBs) in compliance with ADB technical notes and guidelines; (ii) prepare the banks' risk assessment and proposed mitigation measures including capacity building and reform activities; (iii) provide support to ADB fact finding mission to complete appraisal of banks' performance and credit performance; and (iv) support participating PSDBs in implementation of clean energy financing under ADB facility. In cooperation with consultants (energy, institutional, gender/social, safeguard, and community development experts), the expert will be required to prepare PSDBs lending model for proposed clean energy loan products. It will include but not limited to proposed amendments in PSDBs credit policies, lending operation, and application appraisal techniques.

2. **Energy expert (4 person-months, intermittent).** The expert should have the following credentials and experience: (i) an undergraduate degree in relevant engineering or science field (post-graduate degree preferred); (ii) at least 10 years professional experience in clean energy; (iii) at least 5 years of experience in design, installation, and maintenance of solar photovoltaic systems and energy efficiency programs; (iv) relevant project experience in ADB developing member countries; and (v) excellent English written and communications skills. The expert will be undertaking the following activities: (i) assess potential for clean energy market in the Pacific DMCs, including demand factors and projections, key obstacles and challenges in mainstreaming clean energy financing; (ii) prepare estimates for all-in cost for defined clean energy products (including but not limited to rooftop solar photovoltaic systems, energy efficient home appliances, etc.) in Pacific DMCs; (iii) review the Pacific DMCs' renewable energy and energy efficiency policies, strategies, and action plans; (iii) identify key issues and challenges in creating market for clean energy loan products in the Pacific DMCs including but not limited to availability of clean energy products (including in remote and outer islands), operation and maintenance, public awareness. In cooperation with consulting team (banking, institutional and community development experts), the expert is required to prepare project models for clean energy products (for example, "solar photovoltaic systems ++" for poor, low-income, and women borrowers.

3. **Institutional expert (2.5 person-month, intermittent).** The expert should have the following credentials and experience: (i) an undergraduate degree in law, economics, public policy or relevant field; (ii) at least 10 years professional experience in designing innovation projects in energy++; (iii) relevant project experience in ADB DMCs; and (v) excellent English written and communication/presentation skills. Major responsibilities include but are not limited to: (i) review Pacific DMCs' community-based private initiatives and prepare guidance note for PSDBs enhanced role and operations in supporting DMCs development objectives; (ii) review potential for PSDBs regional cooperation including but not limited in regional training, capacity building in areas of audit, risk, compliance, gender etc.

4. **Procurement expert (4 person-months, intermittent).** The expert is preferably with university degree in business administration, economics, engineering, public procurement, public policy, or other related fields. The expert should be familiar with ADB, or similar development

organizations' procurement procedures. The expert is preferably with at least 10 years professional experience with 5 years of experience in international financing institution or similar development organization's procurement systems.

5. Social development (gender and poverty) expert (4 person-months, intermittent).

The consultant should have a master's degree in economics, gender, public, social development studies or equivalent, and at least 15 years of professional experience, including at least 5 completed poverty and gender assessment for banking and financial institutions under multilateral funded projects. The expert is expected to have a good knowledge of the Pacific region. Major responsibilities include but are not limited to: (i) assessment of potential poverty and social impacts of the project and prepare a poverty and social analysis; (ii) appraisal of the gender impacts of the project and prepare a gender assessment and gender action plan; and (iii) in coordination with implementing agencies and relevant government agencies, carry out necessary consultations with stakeholders and assist in disclosing relevant information in accordance with the country's law, ADB's Safeguard Policy Statement (2009) and Access to Information Policy.

6. Community development and non-government organization expert (4 person-months, intermittent).

The expert will have (i) a degree in social sciences, communications, or a related discipline, preferably at postgraduate level; (iii) minimum of 10 years of experience in facilitating stakeholder consultations in the Pacific, with a good understanding of civil society organizations in the region. Major responsibilities include but are not limited to: (i) carry out consultations with key stakeholders about the facility, (ii) assess opportunities for civil society organizations to be engaged to enhance the outcomes of the facility and design an innovative approach, and (iii) in coordination with the energy expert, investigate potential community-based and micro-small business initiatives that the facility could finance and prepare project models for clean energy products (for example, "solar photovoltaic systems ++" for poor, low-income and women borrowers).

7. Economics and financial expert (2.5 person-month, intermittent).

The expert will have a master's or higher degree in economics or a related field, and at least 15 years of relevant working experience. Extensive experience in economic and financial cost-benefit analysis of policy reform projects is required, as well as experience in the power sector and projects financed by international financial organizations. The expert will preferably have experience in projects financed by international financial institutions such as ADB and the World Bank. The expert will be responsible for economic and financial analysis of the project (i) sector analysis, identifying the binding constraints and an explanation of which constraint(s) will be addressed by the project; (ii) economic and financial benefits of the project following ADB guidelines and technical notes. As part of the analysis, the expert must undertake scenario analysis with verifiable assumptions that will form part of the economic and financial assessment. Analysis and outputs will include gender and social considerations and use sex disaggregated data where possible.

B. TERMS OF REFERENCE FOR NATIONAL CONSULTANTS

8. Banking expert (3 person-months, intermittent).

The expert should have the following credentials and experience: (i) an undergraduate degree in relevant banking, finance or science field; and (ii) at least 5 years of professional experience in local financial institutions. The expert will be undertaking the following activities: (i) assisting due diligence of PSDBs in compliance with ADB technical notes and guidelines; (ii) gather information and data for preparation of the banks' risk assessment and proposed mitigation measures including capacity building and

reform activities; (iii) provide support to ADB fact finding mission to complete appraisal of banks' performance and credit performance; and (iv) support participating PSDBs in implementation of clean energy financing under ADB facility.

9. **Energy expert (3 person-months, intermittent).** The expert should have the following credentials and experience: (i) an undergraduate degree in relevant engineering or science field; (ii) at least 5 years professional experience in energy sector including design, installation and maintenance of solar photovoltaic systems and energy efficiency programs. The expert will be undertaking the following activities: (i) supporting appraisal of clean energy market in the Pacific DMCs, including demand factors and projections, key obstacles and challenges in mainstreaming clean energy financing; (ii) gathering information and data to estimate all-in cost for clean energy products (including but not limited to rooftop solar photovoltaic systems, energy efficient home appliances, etc.) in Pacific DMCs; (iii) collecting relevant information and analytics for the Pacific DMCs' renewable energy and energy efficiency policies, strategies, and action plans.

10. **Social development (gender and poverty) expert (3 person-months, intermittent).** The consultant should have an undergraduate degree in economics, gender, public, social development studies or equivalent, and at least 5 years of professional experience under multilateral funded projects. Major responsibilities include but are not limited to: (i) gather all relevant information and data required for assessment of potential poverty and social impacts of the project and prepare inputs required for a poverty and social analysis; (ii) collect necessary information and data for appraisal of the gender impacts of the project and provide inputs for a gender assessment and gender action plan; and (iii) support coordination with implementing agencies and relevant government agencies, and carry out necessary consultations with stakeholders and assist in disclosing relevant information in accordance with the country's law, ADB's Safeguard Policy Statement (2009) and Access to Information Policy.

11. **Community development and non-government organization expert (3 person-months, intermittent).** Community development and civil society expert. The expert will have (i) a degree in social sciences, communications, or a related discipline; (ii) minimum of 5 years of experience in facilitating stakeholder consultations in the Pacific, with a good understanding of civil society organizations in the region. Major responsibilities include but are not limited to: (i) support in carrying out consultations with key stakeholders about the facility, (ii) support in assessing opportunities for civil society organizations to be engaged to enhance the outcomes of the facility and design an innovative approach, and (iii) support in investigating potential community-based and micro-small business initiatives that the facility could finance and prepare project models for clean energy products (for example, "solar photovoltaic systems ++" for poor, low-income, and women borrowers).