



Asian Development Bank Liaison Office INTERNATIONAL MARKET INSIGHTS

CS ADB
March 2016

ASIA & PACIFIC: INTERNATIONAL MARKET INSIGHTS

This International Market Insight (IMI) is a compilation of development projects funded by the Asian Development Bank (ADB). It is distributed monthly to alert U.S. firms to consulting and other procurement opportunities resulting from ADB loan projects, technical assistance (TA) and grants. In 2014, ADB provided \$12.92 billion for loans, \$405 million for grants and \$159 million for TA.¹ This IMI can be your firm's link to these opportunities.

¹ *Statement of the Asian Development Bank's Operations in 2014*

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I. PROJECT LIST BY SECTOR

Country	Projects	ADB Assistance
Note: Click on the project title for full details.		
AGRICULTURE and NATURAL RESOURCES SECTOR		
India	Madhya Pradesh Irrigation Efficiency Investment Program	TA
Regional	Building Sustainable Food and Nutrition Security in Asia and the Pacific (Phase 1)	TA
Sri Lanka	Northern Province Sustainable Fisheries Development Project	TA
Pakistan	Jalalpur Irrigation-Project Design Advance	Loan
EDUCATION SECTOR		
India	Supporting Skill Development in Himachal Pradesh	TA
Nepal	Strengthening Higher Engineering Education	TA
Philippines	Secondary Education Support Program	TA
ENERGY SECTOR		
China	Developing Cost-Effective Policies and Investments to Achieve Climate and Air Quality Goals in the Beijing–Tianjin–Hebei Region	TA
Pakistan	Access to Clean Energy Investment Project	TA
ENVIRONMENT SECTOR		
China	Guizhou High Efficiency Water Utilization Demonstration in Rocky Desertification Area	TA
Regional	Promoting Smart Drinking Water Management in South Asian Cities	TA
Vanuatu	Institutional Strengthening for Environmental Safeguards in Vanuatu	TA
INDUSTRY, FINANCE, and OTHER SECTORS		
Bangladesh	Second Small and Medium-Sized Enterprise Development Project	Loan
Philippines	Social Protection Support Project (Additional Financing)	Loan
Sri Lanka	Small and Medium-Sized Enterprises Line of Credit Project	Loan; TA
Armenia	Infrastructure Sustainability Support Program, Phase 2	TA
Armenia	Export- and Innovation-Led Industrial Development	TA
Cambodia	Strengthening Public Financial Management Program	TA
China	Study on the Coordinated Development of Beijing–Tianjin–Hebei	TA
China	Strengthening Provincial Planning and Implementation for the Yangtze River Economic Belt	TA
China	Developing Gross Ecosystem Product Accounting for Eco-Compensation	TA
China	Developing Environmental Justice Court Procedures and Training Materials for the Supreme People's Court of the People's Republic of China	TA
China	Strategy for Liaoning North Yellow Sea Regional Cooperation and Development	TA
Georgia	Development of Public–Private Partnerships	TA
Indonesia	Enhancing the Regulatory Framework of Financial Sector Development and Oversight	TA
Laos	Support for Governance and Capacity Development	TA
Micronesia	State-Level Public Administration Review (Phase 1)	TA
Mongolia	Fostering Value-Added Activities in Western Mongolia	TA
Mongolia	Strengthening Capacity for Environmental-Economic Accounting	TA
Myanmar	Strengthening Law, Regulation, and the Legal Profession for a Better Investment Climate	TA
Myanmar	Capacity Development for Project Implementation	TA
Regional	Supporting Low Carbon Development in Asia and the Pacific through Carbon Markets	TA
Regional	Capacity Building in Support of Monetary and Financial Integration of the Association of Southeast Asian Nations	TA
Regional	Enhancing Governance and Capacity Development as Driver of Change	TA

Country	Projects	ADB Assistance
Note: Click on the project title for full details.		
INDUSTRY, FINANCE, and OTHER SECTORS		
Regional	Enhancing Procurement Performance of Developing Member Countries in ADB Projects	TA
Regional	Strengthening Capacities to Design and Implement Smart Urban Infrastructure	TA
Regional	Conducting Procurement Risk Assessment for Improved Procurement Outcomes	TA
Regional	Delivering Knowledge Solutions in Asia and the Pacific	TA
Regional	Key Indicators for Asia and the Pacific 2017	TA
Regional	Regional Evaluation Capacity Development	TA
Regional	Asian Regional Forum on Investment Management of Foreign Exchange Reserves	TA
Regional	Enhancing Regional Capacity for Economic Surveillance and Financial Vulnerability Assessment	TA
Vietnam	Health Human Resource Sector Development Program–Phase 2 (HHRSDP-2)	TA
Myanmar	Economic Empowerment of the Poor and Women in the East-West Economic Corridor	Grant
TRANSPORTATION and COMMUNICATIONS SECTOR		
Laos	Road Sector Governance and Maintenance Project	Loan
Bangladesh	Dhaka Metro Project	TA
Fiji	Ports Development Master Plan in Fiji	TA
Sri Lanka	Colombo Suburban Railway Project	TA
Vietnam	Mainstreaming Climate Change Mitigation into National Infrastructure	TA
Kiribati	Road Rehabilitation Project - Additional Financing	Grant
Nauru	Port Development Project - Project Design Advance	Grant
URBAN DEVELOPMENT SECTOR		
India	State-Level Support for National Flagship Urban Programs	TA

II. LOAN

NOTE: Please click on the project title to access full project information.

BANGLADESH

Second Small and Medium-Sized Enterprise Development Project

Loan No. : 3367
TA No. : 9068
Project No. : 36200-023
Amount (US \$ million) : 202
Executing Agency : Bank and Financial Institutions Division-MOF
Sector : Finance
Subsector : Small and medium enterprise finance and leasing

Responsible ADB Officer: Peter Marro, South Asia Department, Public Management, Financial Sector and Trade Division, ADB

Status: ADB Board approved on January 19, 2016.

Description: Accelerating growth and reducing poverty, income inequality and regional disparity are the overarching goals of the current development paradigm in Bangladesh. Development of small and medium-sized enterprises (SMEs) is envisaged as a key element in this development strategy as noted in the 6th Five-Year Plan (FY2011 2015) of the Government of Bangladesh (GOB). For achieving double digit economic growth, promoting the development of the SME sector is considered critical.

Business Opportunities

- Consulting Services: Not applicable
- Procurement: The capacity of procurement and anticorruption policies of BB and SMEF, as well as the PFIs, and to monitor the subprojects would have to be reviewed to determine any potential governance risks for the project.

LAOS

Road Sector Governance and Maintenance Project

Loan No. : 3368
Project No. : 47085-002
Amount (US \$ million) : 27
Executing Agency : Ministry of Public Works and Transport
Sector : Transport
Subsector : Road transport (non-urban)

Responsible ADB Officer: Kang Hang Leung, Southeast Asia Department, Transport and Communications Division, ADB

Status: ADB Board approved on January 28, 2016.

Description: The Lao Road Sector Governance and Maintenance Project will improve the delivery of public service in road asset management. It will cultivate sustainable and efficient road asset management practices by strengthening governance and capacity in planning, financing, and implementing routine and periodic road maintenance. The project will rehabilitate and maintain a total of 327 kilometers (km) of national and local roads in the provinces of Salavan, Xekong and Attapu. It will contribute to the achievement of the government's goal of improving road asset management.

The expected impact of the project will be delivery of public services in road asset management improved. The outcome will be sustainable road maintenance implemented in the provinces of Salavan, Xekong and Attapu. The project will consist of three outputs: (1) governance and practice for road asset management improved; (2) institutional capacity for road asset management strengthened; and (3) road asset rehabilitation and maintenance completed.

Business Opportunities

- Consulting Services: All consultants will be recruited following ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).
- Procurement: All goods and works will be procured following ADB's Procurement Guidelines (2015, as amended from time to time).

PAKISTAN

Jalalpur Irrigation-Project Design Advance

Loan No. : 6006
Project No. : 46528-003
Amount (US \$ million) : 5
Executing Agency : Punjab Irrigation Department
Sector : Agriculture and Natural Resources
Subsector : Agriculture, natural resources and rural development

Responsible ADB Officer: Akhtar Ali, Central and West Asia Department, Environment, Natural Resources & Agriculture Division, ADB

Status: ADB Board approved on February 1, 2016.

Description: The proposed Jalalpur Irrigation Project (JIP) is located along right bank of River Jhelum in Punjab, Pakistan. It will create new non-perennial irrigation services for enhanced agricultural production on 79,750 ha in Pind Daden Khan and Khushab districts. The project will increase kharif crop intensity by 50%, improve crop yield and reduce land degradation. It will directly benefit over 200,000 rural people; mostly poor. The project will: (i) construct over 200 km new irrigation canals, (ii) introduce institutional reforms and establish farmers' organizations (FOs), and (iii) build farmers capacity.

Impact: Increased agricultural production in the project area (Pind Daden Khan and Khushab districts).

Outcome:

- (i) New irrigation canals and appurtenant structures constructed,
- (ii) Farmers organizations established,
- (iii) Private agriculture support services (PASS) available and
- (iv) Capacity of the farmers and the staff from PID and Punjab Irrigation and Drainage Authority (PIDA) improved

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

PHILIPPINES

Social Protection Support Project (Additional Financing)

Loan No. : 3369
TA No. : 9079
Project No. : 43407-014
Amount (US \$ million) : 451
Executing Agency : Department of Social Welfare and Development
Sector : Education, Health, Public sector management
Subsector : Education sector development - social protection initiatives; Mother and child health care; Social protection initiatives

Responsible ADB Officer: Karin Schelzig, Southeast Asia Department, Human and Social Development Division, ADB

Status: ADB Board approved on February 15, 2016.

Outputs:

- National targeting system to select poor families implemented efficiently
- Conditional health and education cash grants for poor families provided
- Capacity for CCT program operations strengthened
- Systems for monitoring and evaluation of social protection programs improved

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

SRI LANKA

Small and Medium-Sized Enterprises Line of Credit Project

Loan No. : 3370
TA No. : 9080
Project No. : 49273-001
Amount (US \$ million) : 102
Executing Agency : Ministry of Finance
Sector : Finance
Subsector : Small and medium enterprise finance and leasing

Responsible ADB Officer: Donald Lambert, South Asia Department, Public Management, Financial Sector and Trade Division, ADB

Status: ADB Board approved on February 15, 2016.

Description: The project is a line of credit to small and medium-sized enterprises (SMEs) in Sri Lanka with an innovative feature of allocating loan proceeds to participating financial institutions (PFIs) via an auction system. The project also includes an attached technical assistance (TA) for export-oriented cluster development to develop Sri Lanka's next generation of SMEs.

Business Opportunities

- Consulting Services: Not applicable
- Procurement ADB's Procurement Guidelines (2013) (as amended from time to time) will be followed.

III. TECHNICAL ASSISTANCE

PLEASE NOTE: Please click on the project title to access full project information. Technical assistance (TA) is used to prepare and implement projects, and support advisory and regional activities of the bank. ADB is no longer issuing TA project alerts classified according to type, i.e., project preparatory technical assistance (PPTA), advisory technical assistance (ADTA), etc. If you want to know the specific TA classification, please contact our office or inquire directly with the bank.

ARMENIA

A. Infrastructure Sustainability Support Program, Phase 2

TA No. : 9065
Project No. : 46220-005
Amount (US \$ million) : 0.5
Executing Agency : Ministry of Finance
Sector : Public sector management; Transport; Water and other urban infrastructure and services
Subsector : Public expenditure and fiscal management; Road transport (non-urban); Transport policies and institutional development; Urban roads and traffic management; Urban policy, institutional and capacity development

Responsible ADB Officer: Matthew Hodge, Central and West Asia Department, Public Management, Financial Sector and Trade Division

Status: ADB Board approved on December 22, 2015.

Description: To prepare phase 2 of the Infrastructure Sustainability Support Program (ISSP 2), a project preparatory technical assistance (TA) is required.

Business Opportunities

- Consulting Services: A team of 12 specialists are required to meet the outputs and activities of the program. Individual consultants will be selected six international experts (for a total of 14 months) and six national experts (for a total of 27 person-months). Consultants will be considered for engagement on output-based (lump sum) contracts in line 2.9.2 and 2.10.2 from the Midterm Review Action Plan.
- Procurement: Not applicable

B. Export- and Innovation-Led Industrial Development

TA No. : 9045
Project No. : 48040-001
Amount (US \$ million) : 0.75
Executing Agency : Ministry of Economy
Sector : Finance; Industry & Trade
Subsector : Trade finance; Industry and trade sector development; Large and medium industries; Small and medium enterprise development; Trade and services

Responsible ADB Officer: Ruben Barreto, South Asia Department, Transport and Communications Division, ADB

Status: ADB Board approved on December 15, 2015.

Description: The outcome of the technical assistance (TA) will be improved industrial and innovation policies in Armenia. The TA will produce two outputs: (i) new institutional and policy instruments to promote export-oriented industries and innovation piloted, and (ii) government's capacity to implement industrial and innovation policies strengthened.

Business Opportunities

- Consulting Services: An estimated 40 person-months of consulting services will be needed, of which 10 persons-month will be international (industrial policy economist for 6 person-months, and senior export credit insurance advisor for 4 person-months) and 30 persons-month national (senior research economist for 24 person-months, and legal expert for 6 person-months).
- Procurement: ADB will finance the purchase of equipment (estimated at \$173,000) required for successful completion of outputs, including software and databases for implementing agencies.

BANGLADESH

Dhaka Metro Project

TA No. : 9052
Project No. : 49258-001
Amount (US \$ million) : 1.3
Executing Agency : Dhaka Mass Transit Company Limited
Sector : Transport
Subsector : Transport policies and institutional development - Urban public transport

Responsible ADB Officer: Markus Roesner, South Asia Department, Transport and Communications Division, ADB

Status: ADB Board approved on December 17, 2015.

Description: The Dhaka Metro Project will finance the construction of a metro line in Dhaka as the backbone public transport system in an integrated urban transport system for the city.

The Dhaka Metro Project will improve the urban transport system by constructing a high-capacity metro line, which will be integrated with the Mass Rapid Transit (MRT) and Bus Rapid Transit (BRT) lines under construction. The development of the metro line as an environmentally friendly, safe and reliable mode of transport will be based on the findings of the Revised Strategic Transport Plan (RSTP) and coordinated with further investments by development partners. It will also be coordinated with the proposed urban development and land use strategies and will promote a high level of integration with other modes of public transport and road transport. The metro line will be integrated with the railway system to serve as

an environmentally friendly, reliable and safe access to railway services. The tariff for the metro shall be integrated with other modes of public transport.

The RSTP will serve as the basis to finalize the road map and policy framework for the MFF during project preparation. Financing the Dhaka Metro Project as a time-sliced MFF is more suitable than other financing modalities, as the project requires an investment of at least \$2.5 billion with ADB's financing share amounting to \$1 billion. ADB financing is required over an implementation period of 7 to 8 years, hence time-slicing ADB's investments into three tranches accommodates the restrictions of ADB's financing envelope for Bangladesh, reduces commitment charges for the Borrower, and enables a continuous policy dialogue with the government.

The impact will be economic activities, the environment, and health of residents of Dhaka improved. The outcome will be improved efficiency of the public transport system in Dhaka. The outputs will be (i) metro infrastructure constructed and commissioned; and (ii) project implementation capacity strengthened.

Business Opportunities

- **Consulting Services:** An international consulting firm will be recruited by ADB using the quality and cost-based selection method with full technical proposal and a quality to cost ratio of 90:10 due to the specialized technical requirements and the nature of this project as a multidisciplinary metro project. The consultants will be selected in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The consulting contract will be an output-based contract with lump-sum out-of-pocket expenses. The Communications Expert will be recruited as an individual consultant.

The project preparatory technical assistance (PPTA) will be carried out in two phases: (i) in the first phase, the consultant will select the most appropriate corridor for metro development by ADB based on the findings of the RSTP and consultations with stakeholders and the government; (ii) in the second phase, the PPTA will prepare the pre-feasibility study for the selected corridor, carry out the related surveys and studies and define the scope for the detailed design to be carried out under the proposed TA loan.

- **Procurement:** No procurement activities will be administered in the PPTA.

CAMBODIA

Strengthening Public Financial Management Program

TA No. : 9069
Project No. : 49041-001
Amount (US \$ million) : 0.6
Executing Agency : Asian Development Bank
Sector : Public sector management
Subsector : Public expenditure and fiscal management

Responsible ADB Officer: Chamroen Ouch, Southeast Asia Department, Cambodia Resident Mission, ADB

Status: ADB Board approved on January 14, 2015.

Description: The expected impact will be improved public services with a focus on the poor and vulnerable groups, in line with the government's objective for the PFMRP. The expected outcome will be strengthened oversight of public expenditures to be achieved through three outputs. Output 1 will strengthen the PFM policy framework and systems, with a focus on public debt management, program budgeting, financial management, and internal audit. Output 2 will focus on strengthening program budgeting, financial management, and internal audit in selected line ministries. Output 3 will strengthen external audit to improve accountability for public expenditures. The program will support MEF in

adopting and implementing policy and regulatory reforms, and implementing those reforms in the selected key sector ministries.

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

CHINA

A. Study on the Coordinated Development of Beijing–Tianjin–Hebei (BTH)

TA No. : 9042
Project No. : 48462-001
Amount (US \$ million) : 0.75
Executing Agency : Hebei Provincial Finance Department
Sector : Public sector management
Subsector : Public administration

Responsible ADB Officer: Bo An, East Asia Department, Public Mgt., Financial Sector and Regional Coop Division, ADB

Status: ADB Board approved on December 14, 2015.

Project Outputs:

- Formulation of Hebei program outline implementation policy supported
- BTH region policy coordination enhanced
- Effectiveness of the Beijing Tianjin Hebei Air Quality Improvement Program policy actions assessed

Business Opportunities

- Consulting Services: Three international consultants (5 person-months), eight national consultants (32 person-months), and several resource persons will be recruited. The international consultants will provide international experience and organize an overseas study tour in ADB member countries on international megalopolis development. The national consultants will have expertise in economic development planning, urban planning, macroeconomics, as well as fiscal and taxation policies. The resource persons will participate in the consultation conferences and workshops to provide specific expertise and experience relevant to the issues addressed by the event.
- Procurement: The consultants will be hired through a consulting firm in accordance with ADB's Guidelines on the Use of Consultant (2013, as amended from time to time) using the quality- and cost- based selection method following the simplified technical proposal procedure. The weighted ratio of technical and financial proposal will be 80% and 20%.

B. Strengthening Provincial Planning and Implementation for the Yangtze River Economic Belt

TA No. : **9044**
Project No. : **49363-001**
Amount (US \$ million) : **0.55**
Executing Agency : **National Development and Reform Commission (NDRC)**
Sector : **Agriculture, natural resources and rural development**
Subsector : **Water-based natural resources management; urban policy; institutional and capacity development**

Responsible ADB Officer: Takeshi Ueda, East Asia Department, Environment, Natural Resources & Agriculture Division, ADB

Status: ADB Board approved on December 14, 2015.

Description: In August 2015, the Government of the People's Republic of China (PRC) requested the Asian Development Bank (ADB) to support reducing the regional development gap between the eastern, central, and western reaches of the Yangtze River. During a reconnaissance mission in October 2015, an agreement was reached on the scope, implementation arrangements, and estimated budget for the technical assistance (TA) to Strengthening Provincial Planning and Implementation for the Yangtze River Economic Belt (YREB). The support would help implementing the "Guidelines on promoting the development of the Yangtze River Economic Belt building on the Golden Waterway, which were issued by the State Council in 2014; and the Economic development plan for the Yangtze River Economic Belt, which is expected to be issued by the end of 2015.

Business Opportunities

- **Consulting Services:** The NDRC will be supported by 14 person-months (pm) of international and 30 pm of national consulting services. The consultants will be engaged following ADB's Guidelines on the Use of Consultants (2013, as amended from time to time) through individual consultant selection method. Individual consultant selection is considered the most efficient method as the consultants will be supervised by different cross-sectoral teams in EARD. The environment, natural resources, and agriculture division will take the lead for the administration of the TA. Disbursements will be in line with ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time). It is anticipated that the consultants will be mobilized during the first quarter of 2016.

Resource persons will be engaged to assist in the preparation of presentation materials, and make presentations during the in-country workshops and consultation. One full-time administrative support staff will be engaged for 12 pm to assist the NDRC in the coordination of the TA, and the organization of workshops and consultations.

C. Developing Gross Ecosystem Product Accounting for Eco-Compensation

TA No. : 9040
Project No. : 48469-001
Amount (US \$ million) : 0.6
Executing Agency : National Development and Reform Commission
Sector : Agriculture, natural resources and rural development
Subsector : Agricultural policy, institutional and capacity development -
Forestry - Irrigation - Land-based natural resources management -
Water-based natural resources management

Responsible ADB Officer: Alvin Lopez, East Asia Department, Environment, Natural Resources & Agriculture Division, ADB

Status: ADB Board approved on December 14, 2015.

Description: The technical assistance (TA) contributes to Asian Development Bank's (ADB) strategic priorities in the draft PRC's Country Partnership Strategy, 2016 2015, which includes supporting more innovation in eco-compensation as a tool for environmental management in the PRC. It effectively builds on ADB's long-term cooperation with PRC on the eco-compensation agenda. In addition to publications and regional knowledge sharing events, ADB has also been instrumental in facilitating policy and legal reform in the PRC related to eco-compensation through TAs supporting development of national and provincial policy and legislative framework. On the project level, ADB is already investing in a pilot program to operationalize some eco-compensation concepts through projects such as the Guiyang Integrated Water Resources Management Project (Loan No. 2573-PRC), the Jiangsu Yancheng Wetlands Protection Project (Loan No. 2838-PRC), and the Anhui Chao Lake Environmental Rehabilitation Project (Loan No. 2941-PRC). In July 2014, ADB-NDRC joint knowledge hub on green growth and eco-compensation was launched in Beijing. This proposed TA effectively builds on ADB's past collaboration with PRC and continues to explore an additional innovative and practical aspect of the eco-compensation agenda in the PRC.

Business Opportunities

- Consulting Services: All consulting services will be engaged in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).
- Procurement: All ADB-financed procurement will be conducted following ADB's Procurement Guidelines (2015, as amended from time to time).

D. Developing Environmental Justice Court Procedures and Training Materials for the Supreme People's Court of the People's Republic of China

TA No. : 9027
Project No. : 49281-001
Amount (US \$ million) : 0.32
Executing Agency : Supreme Court's People
Sector : Public sector management
Subsector : Law and judiciary

Responsible ADB Officer: Fiona Connell, Office of the General Counsel, ADB

Status: ADB Board approved on December 14, 2015.

Description: The technical assistance (TA) will enhance the capacity of the Supreme People's Court of the People's Republic of China to adjudicate environmental lawsuits, and enhance the capacity of the court system to perform its environmental law enforcement role more effectively.

Business Opportunities

- Consulting Services: ADB will engage two international environmental legal experts for a total of 4 person-months; a national legal expert to serve as the team leader for 4 person-months; and a national coordinator for 2 person-months. An editor will also be engaged for 2 person-months (national or international) and approximately 6 international resource persons and 5 to 10 domestic resource persons. All will be engaged as individual consultants in accordance with ADB's Guidelines on the Use of Consultants (2013 as amended from time to time), and disbursements will be made in accordance with ADB's Technical Assistance Disbursement Handbook (2010 as amended from time to time).
- Procurement: To be determined

Business Opportunities

- Consulting Services: ADB will engage two international environmental legal experts for a total of 4 person-months; a national legal expert to serve as the team leader for 4 person-months; and a national coordinator for 2 person-months. An editor will also be engaged for 2 person-months (national or international) and approximately 6 international resource persons and 5 to 10 domestic resource persons. All will be engaged as individual consultants in accordance with ADB's Guidelines on the Use of Consultants (2013 as amended from time to time), and disbursements will be made in accordance with ADB's Technical Assistance Disbursement Handbook (2010 as amended from time to time).
- Procurement: To be determined.

E. Developing Cost-Effective Policies and Investments to Achieve Climate and Air Quality Goals in the Beijing–Tianjin–Hebei Region

TA No. : 9034
Project No. : 49388-001
Amount (US \$ million) : 0.75
Executing Agency : Department of Energy Conservation & Resources Utilization
Sector : Energy; Industry and trade
Subsector : Conventional energy generation - Energy efficiency and conservation; Large and medium industries

Responsible ADB Officer: Annika Seiler, East Asia Department, Energy Division, ADB

Status: ADB Board approved on December 14, 2015.

Description: The proposed technical assistance (TA) will use, expand, and tailor an existing model to the Beijing-Tianjin-Hebei (BTH) region to support the government in: (i) assessing the interaction of climate and clean air policies; (ii) capturing co-benefits and identifying synergies between policies across sectors; (iii) taking measures that are cost-effective and well-coordinated within the BTH region; (iv) identifying policy and management approaches that strengthen incentives for plant-level compliance with energy transformation and environmental objectives; (v) projecting the impact of incentives created by market-based instruments to be established, such as the national emissions trading system; and (vi) studying the health impacts of policies.

Business Opportunities

- Consulting Services: The consultants will be engaged by the Asian Development Bank (ADB) through a university following ADB's Guidelines on the Use of Consultants (2013, as amended from time to time) using the single-source selection method. It is estimated that TA will require a

team of consultants consisting of three international consultants (15 person-months) and six national consultants (36 person-months) for TA implementation. The international consultants include a clean energy clean air nexus expert, an econometrician with experience in quantitative economic research and modeling, and an energy and environmental policy expert. The national consultants comprise: (i) a clean energy clean air nexus expert, (ii) a project coordinator, (iii) an environmental policy and management expert, (iv) an expert in air quality modeling and health impact, (v) a low-carbon energy and climate policy expert, and (vi) an econometrician. In addition, TA will require one eminent international consultant (4 person-months), to be recruited individually, who has an understanding of quantitative energy economic research to assess the model framework and review TA results from time to time.

F. Strategy for Liaoning North Yellow Sea Regional Cooperation and Development

TA No. : 9036
Project No. : 48012-001
Amount (US \$ million) : 0.4
Executing Agency : Liaoning Provincial Financial Department
Sector : Industry and Trade
Subsector : Industry and trade sector development

Responsible ADB Officer: Stephanie Matter, East Asia Department, Public Mgt., Financial Sector and Regional Coop Division, ADB

Status: ADB Board approved on December 14, 2015.

Project Outputs:

- Status report and impact assessment on implementation of earlier regional development programs produced
- RCI priorities and models for Liaoning Province developed
- RCI needs assessment, development strategy, and implementation action plan prepared

Business Opportunities

- Consulting Services: A consulting firm will be recruited to provide a team of international and national experts to carry out the proposed studies. The TA will engage three international consultants a team leader, economic analyst, and transport infrastructure finance specialist for a total of 10 person-months, and 3-4 national consultants to include a legal and regulatory expert, an institutional development specialist, collective expertise on regional cooperation initiatives in which the PRC participates, and an expert on developing policy implementation monitoring mechanisms for a total of 24 person-months. The consultants will be engaged by ADB in accordance with the Guidelines on the Use of Consultants (2013, as amended from time to time). The firm will be selected using quality- and cost-based selection procedures (90:10) requiring submission of simplified technical proposals.

G. Guizhou High Efficiency Water Utilization Demonstration in Rocky Desertification Area

TA No. : 9072
Project No. : 48468-001
Amount (US \$ million) : 570
Executing Agency : Guizhou Provincial Government
Sector : Agriculture, natural resources and rural development
Subsector : Agricultural policy, institutional and capacity development -
Irrigation - Land-based natural resources management - Rural water
supply services - Water-based natural resources management

Responsible ADB Officer: Yoshiaki Kobayashi, East Asia Department, Environment, Natural Resources & Agriculture Division, ADB

Status: ADB Board approved on January 29, 2016.

Description The project preparatory technical assistance (PPTA) will (i) assess the technical feasibility of the project; (ii) conduct due diligence on the economic and financial feasibility of the project; (iii) review safeguard requirements; (iv) conduct social survey and consultations; (v) develop capacity of the Guizhou provincial government (GPG), Anlong county government (ACG), and Nayong county government (NCG) for project management; and (vi) prepare project documents, including feasibility study reports, safeguard documents, and Asian Development Bank's (ADB's) draft report and recommendations of the President (RRP).

Business Opportunities

- **Consulting Services:** The GPG will be the executing agency and the ACG and NCG will be the implementing agencies of the PPTA. A project leading group has been established in the GPG to provide overall guidance for PPTA implementation. A project management office will be established in Guizhou Water Resources Investment Co., Ltd that is under jurisdiction of Guizhou Provincial Water Resources Department and 100% GPG-owned company, to administer day-to-day PPTA activities. The PPTA will be implemented over 10 months tentatively from 25 January to 25 November 2016. Equipment for PPTA consultants will be procured following ADB's Procurement Guidelines (2015, as amended from time to time), and handed over to the GPG, ACG, and/or NCG upon PPTA completion. Disbursement under the PPTA will be in line with ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time).
- **Procurement:** Equipment for project preparatory technical assistance (PPTA) consultants will be procured following Asian Development Bank's (ADB's) Procurement Guidelines (2015, as amended from time to time), and handed over to the Guizhou provincial government (GPG), Anlong county government (ACG), and/or Nayong county government (NCG) upon PPTA completion.

FIJI

Ports Development Master Plan in Fiji

TA No. : 9063
Project No. : 49281-001
Amount (US \$ million) : 0.2
Executing Agency : Ministry of Finance, Public Enterprise, Sugar Industry & Infrastructure
Sector : Transport
Subsector : Water transport (non-urban)

Responsible ADB Officer: Daivid Ling, Transport, Energy and Natural Resources Division, ADB

Status: ADB Board approved on December 21, 2015.

Description to be released by ADB

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

GEORGIA

Development of Public–Private Partnerships

TA No. : 9019
Project No. : 49046-001
Amount (US \$ million) : 0.5
Executing Agency : Ministry of Economy & Sustainable Development of GEO
Sector : Public sector management
Subsector : Public administration

Responsible ADB Officer: Shamit Chakravarti, South Asia Department, Human and Social Development Division, ADB

Status: ADB Board approved on December 10, 2015.

Description: The technical assistance (TA) will help enhance public sector capacity to engage private sector effectively in economic development, particularly by streamlining and delineating the role of the government in PPP arrangements for infrastructure and service delivery. Government capacity to select, develop, and implement PPP projects will be improved. The risk management capacity of MOF for PPP projects will be strengthened. Standard PPP concession agreements, contracts, tender documents will be developed.

Under the TA, extensive awareness and capacity development activities for both public and private sector representatives, potential investors and financiers will be conducted. Staff working on PPPs in the Ministry of Economy and Sustainable Development of Georgia (MOESD), Ministry of Finance (MOF) and PPP focal staff in sector ministries (PPP nodes) will be trained in effective application of the PPP policy and the use of PPP documents. TA capacity development activities will be coordinated with and delivered at the Academy of the Ministry of Finance to: (i) reach a larger group within the public and private sectors with periodic training sessions; (ii) initiate cost-effective train-the-trainer programs for PPPs; and (iii) inculcate the PPP training into the government's core capacity development curriculum. The Academy, a legal entity of public law under MOF, has been providing training courses with public and private sector trainers to public sector staff on management, financial management, and good business

practices since 2013. Their well-equipped training facility will be suitable to conduct the trainings under the TA.

The European Bank for Reconstruction and Development (EBRD), the International Finance Corporation, the World Bank, and ADB support private sector development through business environment reforms, financial market development, and private sector investments. The United States Agency for International Development engages in policy advisory, capacity building, private sector surveys, and pilot programs for small businesses and rural development. German development cooperation through KfW supports the financing of economic infrastructure, a regional small business fund, and the development of value chains for agribusinesses and rural finance. During the TA reconnaissance, consultations have been held with these development partners to ensure complementarity among our respective portfolios in Georgia. Synergies identified during these consultations will be further developed during the TA design and implementation phases.

MOESD is leading the drafting of a PPP Policy and a PPP law, with EBRD technical assistance. The ADB TA team is part of the working group established by MOESD for the PPP policy and law formulation. The proposed TA will build on the work that will be undertaken by EBRD from August 2015 until March 2016. It will support the government to develop and adopt a regulatory, institutional and financial framework for PPPs, and develop capacity to effectively apply the PPP policy at the sector level.

Business Opportunities

- **Consulting Services:** Four consultants will be engaged by ADB for 16 person-months to provide policy advice and technical and capacity development assistance during TA implementation. The consultant team will include an international PPP specialist (engaged intermittently for 5 person-months); an international PPP (finance) specialist (5 person-months); an international PPP (legal) specialist (4 person-months), and a national PPP (legal) specialist (2 person-months). The consultants will be engaged by ADB on an individual basis in accordance with the Guidelines on the Use of Consultants (2013, as amended from time to time). TA consultants will be engaged on output-based (lump sum) contract to reduce administrative burden and improve economy, efficiency and value for money. The composition of the consultant team and the scope of their assignments will be finalized during the TA fact-finding mission in consultation with the government.

INDIA

A. Supporting Skill Development in Himachal Pradesh

TA No. : 9060
Project No. : 49108-001
Amount (US \$ million) : 0.5
Executing Agency : Department of Planning, Gov't of Himachal Pradesh
Sector : Education
Subsector : Technical and vocational education and training

Responsible ADB Officer: Shamit Chakravarti, South Asia Department, Human and Social Development Division, ADB

Status: ADB Board approved on December 16, 2015.

Description: Himachal Pradesh (HP), located in the north of India along the Himalayan range, has a population of 6.8 million. Despite constraints such as its hilly terrain, poor connectivity, and predominantly rural population (90%), HP has shown significant improvement in economic, poverty, education, and health indicators since 2000 owing to the concerted effort of successive governments to invest in infrastructure and improve delivery of basic public services. With the marked increase in secondary school enrolments over the past decade, the Government of HP (GOHP) faces the second-generation challenge of providing appropriate technical and vocational education training (TVET)

opportunities to its youth to prepare them for the fast-changing needs of the job market. The proposed project will assist GOHP in increasing the employability of its youth and improving their employment prospects by modernizing and reforming the state's TVET programs, aligning it to the needs of the market through public private partnerships (PPP), and improving overall quality and outcome of TVET programs.

Business Opportunities

- **Consulting Services:** A total of 42 person-months of consulting inputs will be provided under the TA. ADB will engage a firm (35 person-months for 9 national consultants) as well as 2 individual consultants. The selection and engagement of consulting inputs will be carried out in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The consulting firm will be selected on the basis of simplified technical proposal in accordance with quality and cost based selection procedures. A quality to cost ratio of 90:10 will be followed.
- **Procurement:** All TA-financed good will be procured in line with ADB's Procurement Guidelines (2015, as amended from time to time). All disbursements under the TA will be done in accordance with ADB's Technical Assistance Disbursement Handbook (2010, as amended). The TA will be implemented over 10 months with expected commencement in January 2016 and completion in April 2017.

B. Madhya Pradesh Irrigation Efficiency Investment Program

TA No. : 9051
Project No. : 45371-001
Amount (US \$ million) : 1
Executing Agency : Water Resources Department Madhya Pradesh
Sector : Agriculture, natural resources and rural development; Energy
Subsector : Agricultural production; Irrigation; Renewable energy generation; solar

Responsible ADB Officer: Arnaud Cauchois, South Asia Department, Environment, Natural Resources & Agriculture Division, ADB

Status: ADB Board approved on December 15, 2015.

Description: The Madhya Pradesh Irrigation Efficiency Investment Program will achieve high irrigation efficiency and water productivity in two large irrigation schemes in Madhya Pradesh, India. The investment program will develop 125,000 hectares (ha) of new, highly efficient irrigation networks and productive command area under the Kundaliya Irrigation Project (KIP) in Rajgargh and Shejampur districts. It will also modernize and expand the existing Sanjay Sarovar Irrigation Project (SSIP) in Seoni and Balaghat districts. Water savings will allow irrigation expansion for increased food security or reallocation to other sectors.

Business Opportunities

- **Consulting Services:** A total of 54 person-months of consulting services will be provided, of which 25 person-months will be individually recruited international consultants and 29 person-months of national consultants will be recruited through a firm.
- **Procurement:** Not applicable

C. State-Level Support for National Flagship Urban Programs

TA No. : 9022
Project No. : 49107-002
Amount (US \$ million) : 1.12
Executing Agency : Urban Development Department
Sector : Water and other urban infrastructure and services
Subsector : Urban flood protection - Urban policy, institutional and capacity development - Urban sanitation - Urban sewerage - Urban solid waste management - Urban water supply

Responsible ADB Officer: Ron Slangen, South Asia Department, Urban Development and Water Division, ADB

Status: ADB Board approved on December 16, 2015.

Description: The project preparatory technical assistance (PPTA) is needed for preparing the investment program and conducting technical, economic, financial, governance, safeguards, gender and social due diligence for the ensuing multi-tranche financing facility (MFF).

Business Opportunities

- Consulting Services: The TA will require about 80 person-months of consulting services (8 international and 72 national). ADB will recruit consultants on an individual basis. All consultants will be recruited in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). Lump sum payments/output-based contracts will be considered for consulting services under the TA.
- Procurement: Not applicable

INDONESIA

Enhancing the Regulatory Framework of Financial Sector Development and Oversight

TA No. : 9054
Project No. : 48466-001
Amount (US \$ million) : 1.5
Executing Agency : Fiscal Policy Office
Sector : Finance
Subsector : Money and capital markets

Responsible ADB Officer: Rabin Hattari, Southeast Asia Department, Public Management, Financial Sector and Trade Division, ADB

Status: ADB Board approved on December 16, 2015.

Description: The proposed technical assistance (TA) aims to support the Government of Indonesia in enhancing the regulatory framework of financial sector development and its oversight at the newly established Financial Sector Agency or Otoritas Jasa Keuangan (OJK) and at the Ministry of Finance (MOF). The oversight of financial sector in Indonesia entered a new phase with establishment of OJK, which is now responsible for regulating banking sector, capital market, and non-bank financial institutions. The establishment of OJK also gives Ministry of Finance (MOF) a new responsibility as the institution which is responsible for policy making for the financial sector lies.

Business Opportunities

- Consulting Services: The technical assistance (TA) will provide national and international consultants and resource persons that will help OJK to: (i) develop their integrated supervisory and ICT framework, (ii) implement international standards in conventional and Islamic finance,

and (iii) broaden financial inclusion through micro finance, branchless banking and improvements in the methodology for financial literacy surveys. The consultants will be engaged by ADB in accordance with its Guidelines on the Use of Consultants (2013, as amended from time to time).

LAOS

Support for Governance and Capacity Development

TA No. : 9059
Project No. : 46059-004
Amount (US \$ million) : 1
Executing Agency : Ministry of Finance (MOF)
Sector : Public sector management
Subsector : Public expenditure and fiscal management

Responsible ADB Officer: Juan Gomez Reino, Southeast Asia Department, Public Management, Financial Sector and Trade Division, ADB

Status: ADB Board approved on December 18, 2015.

Description: The technical assistance (TA) will support MOF and selected sector ministries in the budget formulation process, with a focus on medium-term budgeting, together with capacity development. In addition, the TA will facilitate the early adoption and implementation of an objective, non-discriminatory, transparent, formula-based inter-governmental fiscal transfer arrangement together with capacity development to improve the efficiency of service delivery and address vertical and horizontal imbalances. In addition, the TA will support EPFC to strengthen its role in fulfilling its oversight functions through policy advice and technical support, together with institutional coordination across a number of key ministries.

Business Opportunities

- Consulting Services: The capacity development technical assistance (CDTA) will be implemented over a period of 24 months from February 2016 to January 2018, and will require a team of four international specialists (estimated 27-person months) in the area of Budget Management, Fiscal Planning (macroeconomics), intergovernmental financial arrangements, and institution strengthening (for EPFC). There will be one national expert (estimated 12 person-months) to support the international team of experts. 2 consultants will be engaged on a lump-sum basis. All the consultants will work on an intermittent basis. The consultants will be engaged by ADB individually in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).

MICRONESIA

State-Level Public Administration Review (Phase 1)

TA No. : 9038
Project No. : 48482-001
Amount (US \$ million) : 0.5
Executing Agency : Department of Finance and Administration
Sector : Public sector management
Subsector : Public administration

Responsible ADB Officer: Norio Usui, Pacific Department, Urban, Social Development & Public Management Division, ADB

Status: ADB Board approved on December 14, 2015.

Description: The technical assistance (TA) will help public administration reforms at the state level by supporting the preparation of a medium term public sector reform plan and facilitating implementation of key elements. The core areas which may be considered in the development of the medium-term public sector reform plan include (but may not be limited to): (i) reorganization of government structure, based on functional review of government units, to better reflect key functions and responsibilities; (ii) support for corporate planning processes, including identification of core activities and resource requirements; (iii) redevelopment of job descriptions and consideration of realignment of positions to promote flexibility across functional areas; (iv) rationalization and simplification of the job grading and pay structure; (v) unification of jobs under the SSCs and exempt positions into the PSS; (vi) reinvigoration of the system for strengthening merit based human resource management; and (vii) consideration of capacity development and training requirements.

Business Opportunities

- Consulting Services: The technical assistance (TA) will be implemented in two states, selected on the basis of their commitment to public administration reform. The national Ministry of Finance and Administration will be the executing agency and the office of the governor in each participating state will act as an implementing agency. The offices of the governor will provide quality assurance and coordination with other departments, state agencies, and stakeholders. The TA will be implemented from January 2016 to November 2017.

International consultants (14 persons-months, intermittent) will be recruited using individual consultant selection in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The consulting services under the TA will be engaged under an output-based (lump sum) contract wherever possible. The consultants will report to ADB and the offices of the governors on the substance and timing of deliverables. Key recommendations of the TA will be discussed in final workshops in the target states, and a national workshop on public administration reform will be organized to share reform options with the national government and other states. Resource persons from the Philippines and Bhutan who have long experience of establishing corporate planning systems will be invited to the national forum to share their experience in civil service reforms and corporate planning activities. The engagement of the resource persons will comply with ADB rules. All disbursements under the TA will be in accordance with ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time).

MONGOLIA

A. Fostering Value-Added Activities in Western Mongolia

TA No. : 9066
Project No. : 49192-001
Amount (US \$ million) : 0.815
Executing Agency : Cabinet Secretary
Sector : Agriculture, natural resources and rural development; Public sector management
Subsector : Economic affairs management

Responsible ADB Officer: Enerelt Enkhbold, East Asia Department, Mongolia Resident Mission, ADB

Status: ADB Board approved on December 16, 2015.

Description: The technical assistance (TA) will support private sector development in the rural-based, western region. The TA will strengthen coordination between the three aimags of the western region with a focus on improving access to export markets. It will also improve the capacity for investment and market analysis among businesses, aimag authorities, and other stakeholders.

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

B. Strengthening Capacity for Environmental-Economic Accounting

TA No. : 9043
Project No. : 49299-001
Amount (US \$ million) : 0.7
Executing Agency : National Statistical Office of Mongolia
Sector : Agriculture, natural resources and rural development
Subsector : Land-based natural resources management

Responsible ADB Officer: Eisuke Tajima, South Asia Department, Human and Social Development Division, ADB

Status: ADB Board approved on December 11, 2015.

Description: In January 2015, the Government of Mongolia's National Statistical Office (NSO) requested Asian Development Bank (ADB) assistance for compiling the material flow, energy, and environmental tax accounts within the framework of the System of Environmental-Economic Accounting (SEEA). The technical assistance (TA) would establish improved assessment and monitoring arrangements for the key indicators that cover Mongolia's green development agenda: material flow, energy, and environment tax accounts under the SEEA. The support would help to implement the government's National Program for Development of Official Statistics, 2016-2020.

Business Opportunities

- Consulting Services: Four individual consultants will be engaged to support NSO: an environment (energy) specialist (international, 4 person-months); an environment economist (international, 4 person-months); a project management expert (national, 22 person-months); and a statistician (national, 20 person-months). Consulting services are needed for methodology development, data collection, training, and project coordination. ADB will engage the consultants following its Guidelines on the Use of Consultants (2013, as amended from time to time) using the individual consultant selection method. The consultants are expected to be mobilized during the first quarter of 2016. Procurement will be carried out in accordance with ADB's Procurement Guidelines (2015, as amended from time to time). Purchased equipment will be turned over to NSO upon completion of TA activities. The TA proceeds will be disbursed in accordance with ADB's Technical Assistance Disbursement Handbook (2010, as amended from time to time).

One full-time administrative support staff will be engaged (22 person-months) to assist NSO in administering the TA, and organizing workshops and training. Resource persons will be engaged for a maximum of 10 working days, using single source selection, to participate in and make presentations during the in-country workshops and training.

MYANMAR

A. Strengthening Law, Regulation, and the Legal Profession for a Better Investment Climate

TA No. : 9026
Project No. : 49287-001
Amount (US \$ million) : 1.25
Executing Agency : Supreme Court of the Union
Sector : Finance
Subsector : Finance sector development

Responsible ADB Officer: Patricia Rhee, Office of the General Counsel, ADB

Status: ADB Board approved on December 11, 2015.

Description: This capacity development technical assistance (TA) is designed to strengthen the legal and institutional framework for commerce and private sector investment by: (i) providing assistance for the drafting, advocacy and finalization of updated, modernized commercial laws, to complement the reforms being carried out under the current company law reform supported under an ADB technical assistance; (ii) improving the skills and knowledge of government staff in the implementation of the updated commercial laws; and (iii) providing assistance for a capacity building training program to improve the skills and knowledge of legal practitioners in various areas of commercial law, which will in turn facilitate increased levels of investments and commercial activities in Myanmar's private sector.

Business Opportunities

- Consulting Services: For Output 1, two international experts (for a total of 12 person-months), one national expert (for a total of 12 person-months) and legal translator will be engaged to implement these activities. The training to be provided under Output 2 will be undertaken by the experts engaged in Output 1. The international experts include: (i) a team leader to oversee the activities and to assist with public education and advocacy on the insolvency law; and (ii) an insolvency law expert and draftsman to draft and finalize the updated insolvency law. The national legal expert will be engaged to review the updated law, ensure consistency with Myanmar's legal norms and practices and assist with public education and advocacy of the law.

For Output 3, one international expert (for a total of 24 person-months) and one national expert (for a total of 24 person-months) will be engaged, either through a firm or as individual consultants. The international expert will be the team leader responsible for overseeing the activities and have previous experience working on legal reforms in Myanmar. The national expert will assist the international expert and provide logistical support in interfacing with the implementing agencies, and facilitating organizational arrangements for the training sessions. A firm will be engaged to implement the activities under Output 3 and its complement of consultants will include experts to provide training on the topics listed in the commercial curriculum, accompanied by translators. The firm will work with the team leader, who will provide inputs into and supervise these activities. The firm may be selected through single source selection or the consultants' qualification selection method based on the best submitted expressions of interest. Firms who submit expressions of interest comprising consultants with prior experience delivering training on commercial law matters in Myanmar, and experience in delivering such training in gender-sensitive context will be preferred.

- Procurement: To be determined

B. Capacity Development for Project Implementation

TA No. : 9074
Project No. : 49297-001
Amount (US \$ million) : 2
Executing Agency : Ministry of Nat'l Planning & Economic Development
Sector : Public sector management
Subsector : Public administration

Responsible ADB Officer: Eisuke Tajima, South Asia Department, Human and Social Development Division, ADB

Status: ADB Board approved on January 29, 2015.

Description: Since opening the economy in 2011, Myanmar has been undergoing far-ranging political, economic, and social transformations. While impressive reform progress has been made, Myanmar's development challenges remain daunting as the operating context is highly complex. Development partners have positively responded to the country's opening and reform process by significantly increasing development assistance to Myanmar. In this regard, limited absorptive government capacities are posing major challenges to development effectiveness.

The Government of Myanmar (government) has requested capacity development technical assistance (TA) to enhance its absorptive capacity for development assistance in support of the economic reform agenda, including establishing standard protocols of engagement and project implementation.

Business Opportunities

- **Consulting Services:** The TA will support a team of short-term international and national consultants to contribute to capacity strengthening in key operational areas to underpin implementation of ADB and other development partner assistance. The TA will require up to 85 person-months of international consultant and 50 person-months of national consultant services. Consultants will be recruited by ADB in accordance with its Guidelines on the Use of Consultants (2013, as amended from time to time). Detailed terms of reference and consultant configurations will be prepared prior to implementation.
- **Procurement:** Any procurement of goods and services will be in accordance with ADB's Procurement Guidelines (2015, as amended from time to time).

NEPAL

Strengthening Higher Engineering Education

TA No. : 9053
Project No. : 45192-003
Amount (US \$ million) : 0.8
Executing Agency : Ministry of Education
Sector : Education
Subsector : Education sector development

Responsible ADB Officer: Eisuke Tajima, South Asia Department, Human and Social Development Division, ADB

Status: ADB Board approved on December 16, 2015.

Description: The project preparatory TA will: (i) support the government to set strategic directions and to design the investment project in a participatory manner, (ii) develop technical and financial partnership with development partners and selected institutes overseas, (iii) undertake thorough due diligence including development of appropriate implementation support, and (iv) ensure project readiness.

Business Opportunities

- Consulting Services: Consultancy service will be expected in the project. Packages will be developed during the project preparation.
- Procurement of goods and works will be expected in the project. Packages will be developed during the project preparation.

PAKISTAN

Access to Clean Energy Investment Project

TA No. : 9047
Project No. : 49056-001
Amount (US \$ million) : 1.5
Executing Agency : Pakhtunkhwa Energy Development Organization; Office of the Secretary, Energy Department Punjab
Sector : Energy
Subsector : Renewable energy generation - small hydro - Renewable energy generation - solar

Responsible ADB Officer: Adnan Tareen, Central and West Asia Department, Energy Division, ADB

Status: ADB Board approved on December 15, 2015.

Description: The project preparatory technical assistance (PPTA) will undertake necessary due diligence to prepare the project and assist the pre-implementation works. The PPTA is estimated to cost \$1.8 million, of which \$1.5 million will be financed on a grant basis using ADB's Technical Assistance Special Fund (TASF-V). The PPTA will employ: (i) an international consulting firm to conduct the feasibility study, technical, financial and economic due diligence, prepare bidding documents and functional technical specifications, prepare a hydro power development plan for Khyber Pakhtunkhwa (KPK), scoping for investment project, and conduct sector assessment; and (ii) individual experts to assist in evaluating bids, conduct due diligence required for results-based lending, scoping for introduction of technical education on maintenance and operations of micro-hydropower plants, and other required services. For hiring firm, quality- and cost-based selection method (90:10) will be used with full technical proposal. Pakhtunkhwa Electricity Development Organization in KPK and Office of the Secretary, Energy Department in Punjab will be the executing agencies for the project. Each executing agency will establish project management units at each of their offices.

Business Opportunities

- Consulting Services: The PPTA will employ: (i) an international consulting firm to conduct the feasibility study, technical, financial and economic due diligence, prepare bidding documents and functional technical specifications, prepare a hydro power development plan for Khyber Pakhtunkhwa (KPK), scoping for investment project, and conduct sector assessment; and (ii) individual experts to assist in evaluating bids, conduct due diligence required for results-based lending, scoping for introduction of technical education on maintenance and operations of micro-hydropower plants, and other required services. For hiring firm, quality- and cost-based selection method (90:10) will be used with full technical proposal.

PHILIPPINES

Secondary Education Support Program

TA No. : 9071
Project No. : 45089-003
Amount (US \$ million) : 0.8
Executing Agency : Department of Education
Sector : Education
Subsector : Secondary

Responsible ADB Officer: Norman LaRocque, Southeast Asia Department, Human and Social Development Division, ADB

Status: ADB Board approved on January 28, 2016.

Program details yet to be released by ADB.

Business Opportunities

- **Consulting Services:** ADB will recruit individual consultants to assist in implementing the PPTA. Consultant engagement will be sequenced. Consultant requirements are estimated at 17 person-months of international consultant inputs and 7 person-months of national consultant inputs. In order to provide flexibility in TA implementation, 3 person-months of national consultants have been left unallocated. Resource persons and other consultants may be used in the following areas: education policy and program analysis, public-private partnerships, monitoring and evaluation, financial management, procurement, social analysis, and gender. All consultants will be recruited and engaged in accordance with ADB's Guidelines for the Use of Consulting Services (2013, as amended from time to time).

The consultants will provide advice on technical matters, including education finance, PPPs, program costing, and fiduciary and social safeguards. They will work closely with DepEd and ADB staff to ensure responsiveness to demand, alignment with the K to 12 reform agenda and BESRA, and appropriateness of final design to the local context. In addition to the tasks outlined below, the consultants will contribute as needed to collective reports and deliverables such as the program implementation document (PID), and will perform other tasks as requested by DepEd or the ADB. The consultants will procure equipment through shopping in accordance with ADB's Procurement Guidelines (2015, as amended from time to time). Upon completion of the TA, equipment procured under the PPTA will be transferred to the executing agency. The consultants will perform any other tasks as may reasonably be requested by DepEd or the ADB to deliver timely and high quality outputs envisaged under the PPTA.

- **Procurement:** The consultants will procure equipment through shopping in accordance with ADB's Procurement Guidelines (2015, as amended from time to time).

REGIONAL

A. Supporting Low Carbon Development in Asia and the Pacific through Carbon Markets

TA No.	:	9062
Project No.	:	49270-001
Amount (US \$ million)	:	1.5
Executing Agency	:	Asian Development Bank
Sector	:	Multisector
Subsector	:	ADB's corporate management, policy and strategy development

Responsible ADB Officer: Daivid Ling, Transport, Energy and Natural Resources Division, ADB

Status: ADB Board approved on December 18, 2015.

Description: The Carbon Market Program (CMP) is one of the flagship climate change initiatives of the Asian Development Bank (ADB) providing technical support and carbon finance to mitigation projects in ADB's developing member countries (DMCs). The CMP includes: (i) the Asia Pacific Carbon Fund; (ii) the Future Carbon Fund; and (iii) the Technical Support Facility. The Technical Support Facility has been the main instrument through which ADB provides capacity building support to its DMCs for enhancing mitigation actions through carbon markets.

The regional capacity development TA will enable ADB to continue supporting DMCs in maximizing market-based opportunities to transit towards low carbon economies. The concept paper for the technical assistance (TA) was approved by the vice-president of Knowledge Management and Sustainable Development on 19 October 2015. The TA will build on ADB's strong expertise and experience from three previous TA projects under the CMP and proactively respond to DMCs' needs for support in order to take up the opportunities presented by the emerging international climate change architecture.

The TA has been developed in consultation with the governments of Finland and Luxembourg, including consideration of Finland's Development Policy Programme and criteria specified by their quality assurance board. The TA was also conceptualized following consultations with DMCs. Further consultation with DMCs will be undertaken while developing the detailed TA work plan.

The TA is closely linked to ADB's strategic framework Strategy 2020 and its midterm review, which includes environment and climate change as one of the priorities that ADB will strategically focus on leading up to 2020.

Business Opportunities

- Consulting Services: International Consultants (Carbon Market Experts; Emission Trading Schemes Experts); National Consultants (Carbon Market Experts; Emission Trading Schemes Experts; TA Coordinator; Administrative Assistant)
- Procurement: The TA will require about 36 person-months of international consulting services and 90 person-months of national consulting services. Consultants will be recruited individually, in accordance with the Guidelines on the Use of Consultants (2013, as amended from time to time). To implement the TA successfully, a team of SDCC staff will manage consultants and consolidate their outputs.

B. Capacity Building in Support of Monetary and Financial Integration of the Association of Southeast Asian Nations

TA No. : 9058
Project No. : 49275-001
Amount (US \$ million) : 0.85
Executing Agency : Asian Development Bank
Sector : Finance
Subsector : Money and capital markets

Responsible ADB Officer: Satoru Yamadera, SDCC, ADB

Status: ADB Board approved on December 18, 2015.

Project outcome: Organizational capacity and knowledge among CLMV central bank staff improved

Business Opportunities

Consulting Services: Capacity Development Expert (international, 18 person-months) -- The consultant will work closely with South East Asian Central Banks Research and Training Centre (SEACEN) to develop, implement, and monitor the customized learning roadmaps and programs. In particular, the consultant will:

- (i) Organize customized learning programs with topics based on the learning roadmaps prepared by ASEAN working committees;
- (ii) Coordinate closely with ASEAN central banks and identify resource persons expected to be drawn mostly from ASEAN;
- (iii) Discuss with subject matter experts and BCLMV central bank points of contact to ensure that the programs meet the demand and supply;
- (iv) Prepare learning materials used in trainings together with resource persons identified;
- (v) Participate the customized learning programs and ensure effective delivery of the programs;
- (vi) Assess the performance of learning programs provided;
- (vii) Evaluate the status and progresses of capacity building with reference to the learning roadmap, and provide recommendation for improvements to SCCB;
- (viii) Prepare the regular status reports on the implementation of the learning roadmaps;
- (ix) Assist in the describing conditions required to achieve the milestones for monetary and financial integration in ASEAN, from the perspective of capacity building;
- (x) Provide in-house capacity development support as needed and appropriate; and
- (xi) Perform other tasks as required by ADB.

The candidate should have substantial knowledge of current developments in ASEAN economic integration, and experiences in close coordination with ASEAN central banks, preferably with a postgraduate degree in finance, economics, or equivalent. Furthermore, he/she should meet the following requirements:

- (i) Suitability to undertake the responsibilities mentioned above at the required level;
- (ii) At least 10 years of experience in central banking or relevant work in the region with wide network to draw resource persons suitable to meet capacity building needs;
- (iii) Research experience in ASEAN financial and monetary integration to understand different development needs of BCLMV; and
- (iv) Excellent oral and written communication skills in English.

Program Coordinator (national, 24 person-months) will:

- (i) Support the capacity development expert with the administrative tasks required in developing and implementing the customized learning programs;
- (ii) Support logistics of bilateral programs provided by ASEAN 5 central banks;
- (iii) Maintain a web portal that will disseminate information on training programs and materials used in training and workshops;
- (iv) Coordinate the relevant logistical and administrative arrangements with workshop/training hosts and participants;

- (v) Monitor the schedule of activities and progress of TA implementation; and
- (vi) Perform other tasks as required by ADB.

The candidate is preferred to hold a degree in finance, economics, business, or equivalent. Furthermore, he/she should meet the following requirements:

- (i) Suitability to undertake the responsibilities mentioned above at the required level;
- (ii) At least 5 years of relevant experience in project coordination; and
- (iii) Excellent oral and written communication skills in English.

Resource Persons (around 4 resource persons) will be required for related seminars, workshops, and conferences to contribute to specific topics to implement the learning roadmaps.

C. Enhancing Governance and Capacity Development as Driver of Change

TA No. : 9061
Project No. : 49156-001
Amount (US \$ million) : 1.5
Executing Agency : Asian Development Bank
Sector : Multisector
Subsector : ADB's corporate management, policy and strategy development

Responsible ADB Officer: Warner Turner, Sustainable Development and Climate Change, ADB

Status: ADB Board approved on December 18, 2015.

Description: The technical assistance (TA) will support the preparation and implementation of country partnership strategies (CPSs) and sector roadmaps through better analytics, innovative knowledge solutions, collaborative practices, and strengthened regional partnerships.

Business Opportunities

- **Consulting Services:** The technical assistance (TA) will finance consulting services, studies, reports, and other knowledge products, as well as workshops and other knowledge and learning events. The TA will provide international consultants (43 person-months) and national consultants (150 person-months) with expertise in governance, public sector management, PFM, procurement, anticorruption, and/or capacity and institutional development, including operating within and across sectors and themes. The terms of reference for consultants will be further developed when specific activities are undertaken. Given the intermittence of the assignments and the variety of skills required, consultants will be recruited individually, in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time) and with output-based contracts and lump sum out-of-pocket expenses, wherever possible. In the event that ADB staff act as resource persons in the implementation of the TA, travel and related costs will be charged to the TA. However, their salaries and benefits will be charged to ADB's internal administrative expenses budget.

D. Enhancing Procurement Performance of Developing Member Countries in ADB Projects

TA No. : 9056
Project No. : 49406-001
Amount (US \$ million) : 0.75
Executing Agency : Asian Development Bank
Sector : Multisector
Subsector : ADB's corporate management, policy and strategy development

Responsible ADB Officer: Ashish Bhateja, Operations Services and Financial Management Department, Procurement Division 1, ADB

Status: ADB Board approved on December 17, 2015.

Description: Developing member countries (DMCs) need a procurement approach that will allow them to respond to their changing needs, reflect the growing strengths and range of executing agency capabilities, and better account for wide range of capacities of procuring entities involved in its various projects. This will help DMCs adopt and incorporate the new public procurement concepts and methods increasingly used worldwide. This policy and advisory technical assistance (TA) will enable ADB support DMCs in strengthening their procurement systems by developing and adopting a new ADB procurement framework to be applied under its financed transactions and administered projects.

Business Opportunities

- Consulting Services: The technical assistance (TA) will require an estimated 20 person-months of services from seven international consultants and 50 person-months of services from five national consultants.

E. Strengthening Capacities to Design and Implement Smart Urban Infrastructure

TA No. : 9050
Project No. : 49378-001
Amount (US \$ million) : 0.5
Executing Agency : Asian Development Bank
Sector : Water and other urban infrastructure and services
Subsector : Urban policy, institutional and capacity development

Responsible ADB Officer: Atsushi Kaneko, South Asia Department, Urban Development and Water Division, ADB

Status: ADB Board approved on December 15, 2015.

Description: Between 2014 and 2050, the number of urban residents in South Asia is expected to nearly double from 472.8 million to 947.8 million. In the face of this unprecedented growth, cities throughout the region have been unable to keep pace with the growing demands of urban populations, significantly lagging in the delivery of basic services (water supply, sanitation, storm-water drainage, and urban transport). Key reasons include the region's urban infrastructure ecosystem of stakeholders comprising local, state, and central governments, private sector (consultants and contractors), and academic institutions constrained by weak capacities and poor coordination in the planning, design, and implementation of projects. There is limited exposure to various innovations and good practices in the sector, resulting in continuation of business-as-usual approaches which are limiting improvements in effective infrastructure development and service delivery including effective response to the risks associated with the changing climate. The result is persistent slow progress in achieving key development indicators and improvements in urban livability throughout the region.

Business Opportunities

- Consulting Services: They will be recruited and deployed based on the DMCs' needs. Consultants will be selected in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).
- Procurement: Not applicable

F. Promoting Smart Drinking Water Management in South Asian Cities

TA No. : 9048
Project No. : 49289-001
Amount (US \$ million) : 1.25
Executing Agency : Asian Development Bank
Sector : Water and other urban infrastructure and services
Subsector : Urban policy, institutional and capacity development

Responsible ADB Officer: Jaemin Nam, South Asia Department, Urban Development and Water Division, ADB

Status: ADB Board approved on December 15, 2015.

Description: The regional capacity development technical assistance (TA) aims to improve an institutional capacity to respond to increasing needs of operational efficiency and financial sustainability in urban drinking water supply systems.

The key objectives of the TA are to: (i) develop operational efficiency improvement plan, (ii) implement training programs on smart drinking water management including the latest ICT-based operational technology, (iii) prepare financial sustainability improvement plan, (iv) introduce new drinking water service contract modalities, and (v) organize study visits and workshops.

Business Opportunities

- Consulting Services: Individual consultants will be recruited by ADB based on the requirements of the TA. Recruitment of all individual consultants under the TA will be engaged by ADB in accordance with the Guidelines on the Use of Consultants (2013, as amended from time to time).
- Procurement: Any procurement under the TA will be in accordance with ADB's Procurement Guidelines (2015, as amended from time to time).

G. Conducting Procurement Risk Assessment for Improved Procurement Outcomes

TA No. : 9033
Project No. : 49286-001
Amount (US \$ million) : 1.5
Executing Agency : Asian Development Bank
Sector : Multisector
Subsector : ADB's corporate management, policy and strategy development

Responsible ADB Officer: Sunil Mitra, Operations Services and Financial Management Department, Procurement Division 1, ADB

Status: ADB Board approved on December 11, 2015.

Description: The quality of procurement systems varies significantly across developing member countries (DMCs), and across sectors and agencies within each DMC. The Asian Development Bank (ADB) has been providing resources and technical assistance to support various government reform programs, and several DMCs have managed to hurdle the first generation of public procurement reforms through the enactment of procurement laws and the establishment of relevant national institutions. However, the achievement of policy and institutional reforms at the national level does not automatically translate to more effective procurement outcomes at the line agency level. This is evident from the fact that the procurement capacity assessment that ADB regularly conducts for project loans generally show capacity constraints in the area of procurement, regardless of whether if not the executing agencies (EAs) and implementing agencies (IAs) involved have handled ADB-financed projects in the past. It is therefore important to identify strengths, risks and bottlenecks that hamper the flow of reforms at the national level to EAs and IAs so that effective procurement practices are attained at the implementation level, and these contribute to the achievement of development outcomes.

In February 2013, ADB's Procurement Governance Review (PGR) affirmed that country procurement risk assessments are needed to identify implementation risks and mitigation measures, and that every country partnership strategy (CPS) needs a country-specific procurement risk assessment to identify major risks that could affect implementation of the strategy.

The procurement risk assessment allows for procurement risk to be identified and determine the suitability of a DMC to use its own country systems, revise procurement review thresholds and prior review requirement.

Business Opportunities

- Consulting Services: The technical assistance (TA) will require international consultants (estimated 40 person-months) and national consultants (estimated 100 person-months) with skills in procurement management, change management, and capacity development. ADB will recruit all consultants in accordance with its Guidelines on the Use of Consultants (2013 as amended from time to time).

H. Delivering Knowledge Solutions in Asia and the Pacific

TA No. : 9024
Project No. : 49328-001
Amount (US \$ million) : 1.5
Executing Agency : Asian Development Bank
Sector : Multisector
Subsector : ADB's corporate management, policy and strategy development

Responsible ADB Officer: Victor You, Sustainable Development Coordinating Council, ADB

Status: ADB Board approved on December 11, 2015.

Description: Highlighting knowledge solutions as a strategic priority, the Midterm Review of Strategy

2020 of the Asian Development Bank (ADB) identified the need to strengthen knowledge management to meet the demands of ADB's developing member countries (DMCs) through stronger institutional coordination. This would better capture the knowledge embedded in operations and ensure that the knowledge generated outside operations flows back to shape future operations.¹ ADB's midterm review also called for the adoption of a One ADB approach to knowledge solutions by closely integrating knowledge operations with country operations. A key means to operationalize this approach is the increased involvement of the recently established sector and thematic groups (STGs) in project development, and preparation of knowledge products and services (KPS) to reflect DMC demands and support ADB operations.

Business Opportunities

- Consulting Services: Individual consultants will be recruited, as necessary, to support carrying out of the STG activities under the TA (e.g., collaborative cross-sector, nexus, and/or cross-cutting work; flagship knowledge events and publications; research to inform future operations; and continuous learning, networking, and knowledge sharing with DMCs, KHubs, centers of excellence, and other external partners). Expertise, scope of work and tasks will depend on the requirements of each such activity. Each consultant will be required to possess the necessary technical expertise and project and/or research experience; Knowledge Sharing and Learning Specialist (National Consultant)
- Procurement: Not applicable

I. Building Sustainable Food and Nutrition Security in Asia and the Pacific (Phase 1)

TA No. : 9057
Project No. : 49305-001
Amount (US \$ million) : 1
Executing Agency : Asian Development Bank
Sector : Agriculture, natural resources and rural development
Subsector : Agricultural production; Agro-industry, marketing, and trade; Land-based natural resources management; Water-based natural resources management

Responsible ADB Officer: Michiko Katagami, Sustainable Development and Climate Change, ADB

Status: ADB Board approved on December 11, 2015.

Description: Introducing innovative and best practices in addressing food and nutrition security issues appears to be common interest of many DMCs. Many DMCs share the thrusts to: (i) build resilience against climate change impacts in agriculture and natural resources (ANR) sector and (ii) agribusiness development and market orientation of rural economy, which are reflected in Country Partnership Strategies (CPS). The TA will assist DMCs in addressing their diverse thrusts for food and nutrition security through testing and introducing relevant international best practices and innovative approaches under ADB's ANR sector operations.

Business Opportunities

- Consulting Services: For Outputs 1 and 2, ADB will carry out relevant analytical works, pilot activities and monitoring, supported by international experts (25 person-months) and national experts (34 person-months). For monitoring and evaluation of Outputs 1 and 2, ADB will recruit international experts (5 person-months) and national experts (18 person-months).

J. Key Indicators for Asia and the Pacific 2017

TA No. : **9023**
Project No. : **49218-001**
Amount (US \$ million) : **0.935**
Executing Agency : **Asian Development Bank**
Sector : **Education, Finance, Health, Industry and Trade, Information and Communications technology, Public sector management, Transport**
Subsector : **Education sector development, Finance sector development, Health system development, Industry and trade sector development, ICT infrastructure, Economic affairs management, Transport policies and institutional development**

Responsible ADB Officer: Yi Jiang, Economic Research and Regional Cooperation Department, Development Indicators and Policy Research Division, ADB

Status: ADB Board approved on December 15, 2015.

Description: The Key Indicators for Asia and the Pacific, prepared by the Economic Research and Regional Cooperation Department (ERCD), is one of the annual flagship publications of the Asian Development Bank (ADB). The publication provides the latest comprehensive compendium and analysis of trends in economic, social, financial, and Millennium Development Goal (MDG)/Sustainable Development Goal (SDG) indicators of ADB's regional members. It also contains a special chapter that provides in-depth, data-intensive policy analysis of an important policy issue. In general, Key Indicators (KI) provides a strong data and information support system for evidence-based policy making. The proposed regional research and development technical assistance (R-RDTA) will support the preparation of the 48th edition of the KI.

Business Opportunities

- Consulting Services: All consultants will be engaged by ADB in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).
- Procurement: ADB, whenever necessary, will procure equipment in accordance with its Procurement Guidelines (2015, as amended from time to time). Procurement will be coordinated with relevant departments whenever necessary. Upon TA completion, procured equipment will be disposed of and/or transferred to the implementing agencies in accordance with the project administration instruction on administering grant-financed technical assistance projects.

K. Regional Evaluation Capacity Development

TA No. : **9064**
Project No. : **49337-001**
Amount (US \$ million) : **0.5**
Executing Agency : **Asian Development Bank**
Sector : **Multisector**
Subsector : **ADB's corporate management, policy and strategy development**

Responsible ADB Officer: Farzana Ahmed, Independent Evaluation Department (IED), ADB

Status: ADB Board approved on December 10, 2015.

Description: The regional capacity development technical assistance (R-CDTA) supports IED's ECD primarily in South Asia and the Pacific through regional and country level activities on strengthening monitoring and evaluation (M&E) capacity.

Greater Mekong Subregion (GMS) and Central Asia Regional Economic Cooperation (CAREC) countries shall be primarily supported through a similar technical assistance (TA) program proposed for funding by

the People's Republic of China Regional Cooperation and Poverty Reduction Fund (PRCF). The R-CDTA will also support ADB member countries to the degree that they cannot be funded from PRCF.

At the regional level, the R-CDTA supports: (a) training and knowledge sharing activities on M&E and development evaluation at the planned centers of excellence in Sri Lanka and/or Bangladesh for South Asia; and Honolulu, Hawaii, and the University of the Pacific in Fiji for the Pacific; (b) Regional Knowledge Synthesis Workshop on M&E; and (c) hub training on preparing project completion reports and TA completion reports (PCRs/TCRs).

At the country level, the R-CDTA supports (a) on-the-job training (OJT) of DMC representatives at IED on preparing evaluation reports and studies; (b) in-country training on evaluation techniques for government representatives engaged in M&E; and (iii) stocktake and study of M&E systems in selected countries.

L. Asian Regional Forum on Investment Management of Foreign Exchange Reserves

TA No. : **9029**
Project No. : **49298-001**
Amount (US \$ million) : **0.75**
Executing Agency : **Asian Development Bank**
Sector : **Finance**
Subsector : **Central Banking System**

Responsible ADB Officer: Deepak Taneja, Treasury Department, Financial Policy and Planning Division, ADB

Status: ADB Board approved on December 10, 2015.

Description: The regional capacity development technical assistance (R-CDTA) includes regional forums to discuss common interests on investment management of foreign exchange reserves; and a) workshops for country/sub-regional specific for DMCs with similar level of economic development and challenges; and/or b) thematic-based. ADB would also share its experience in and knowledge of investment management with DMCs, and collect feedback regarding client needs which will help ADB further strengthen its relevance in the region.

Business Opportunities

- Consulting Services: One individual international consultant will be engaged for each forum/workshop for a total of 6 person-months. The consultant for each event will be engaged by ADB as an individual consultant in accordance with ADB's Guidelines on the Use of Consultants (2013 as amended from time to time). Experts from the academia, government agencies, ADB, ADBI, and international organizations will be engaged as resource speakers.
- Procurement Not applicable

M. Enhancing Regional Capacity for Economic Surveillance and Financial Vulnerability Assessment

TA No. : 9077
Project No. : 49130-001
Amount (US \$ million) : 1.2
Executing Agency : Asian Development Bank
Sector : Finance
Subsector : Central banking systems; Finance sector development

Responsible ADB Officer: James Villafuerte, Economic Research and Regional Cooperation Department, ADB

Status: ADB Board approved on February 8, 2015.

Description: The technical assistance (TA) aims to enhance developing Asia's capacity to undertake economic surveillance and financial vulnerability assessments by supporting the development of a regional economic surveillance framework for the ASEAN+3 Macroeconomic Research Office (AMRO), developing regional surveillance and vulnerability assessment tools at the regional level, strengthening the capacity of selected small open economies such as Bhutan, Cambodia, and Kyrgyz Republic, and applying new methodologies to improved previously developed tools.

The project's impact will be on the increased usage of economic and financial vulnerability assessments in AMRO and selected developing member countries (DMCs). The project will result in an enhanced capacity of AMRO and selected DMCs to spot, assess, and mitigate economic and financial sector vulnerabilities. The TA will have seven major outputs: (i) AMRO's surveillance framework and indicator and database system; (ii) A quantitative economic tool derived from VIEWS++; (iii) VIEWS++; (iv) Virtual regional economic surveillance network (VRESN); (v) Customized version of VIEWS++ to suit the needs of selected DMCs; (vi) Trained officials from finance ministries and central banks of selected DMCs; and (vii) Dissemination of knowledge products on regional economic surveillance.

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

SRI LANKA

A. Northern Province Sustainable Fisheries Development Project

TA No. : 9049
Project No. : 49325-001
Amount (US \$ million) : 0.6
Executing Agency : Ministry of Rehabilitation, Resettlement and Hindu Religious Affairs
Sector : Agriculture, natural resources and rural development
Subsector : Fishery

Responsible ADB Officer: Nishanthi Amerasinghe, South Asia Department, Sri Lanka Resident Mission, ADB

Status: ADB Board approved on December 15, 2015.

Description: The Northern Province Sustainable Fisheries Development Project will support investments to revive the fisheries sector in the conflict affected coastal districts of Jaffna, Mannar, Mullaitivu, and Killinochchi. Investments are required to: (i) rebuild large scale infrastructure, such as harbors, anchorages, and associated facilities, (ii) introduce new fishery technologies, (iii) expand aquaculture sustainably (iv) strengthen community based organizations and related institutions, and (v) develop

economic activities for households headed by women, war widows and single women. The projects impacts are aligned to improve: (i) the nutritional status and food security, and (ii) incomes of fisher communities. The outcome will be fisheries production in the Northern Province sustainably increased. The outputs will be: (i) climate resilient infrastructure developed and operational; (ii) aquaculture developed; (iii) entrepreneurial skills, market links and credit access for local communities including women are strengthened; and (iv) management of coastal and fishery resources improved.

Business Opportunities

- Consulting Services: The project preparatory technical assistance (PPTA) consulting contract will be implemented over 6 months, from May 2016 to October 2016. ADB will engage the consultancy firm (consisting of 10 person-months of international experts and 24 person-months of national experts) using the quality- and cost-based selection method at a ratio of 90:10 based on simplified technical proposal.
- Procurement: Not applicable

B. Colombo Suburban Railway Project

TA No. : 9021
Project No. : 49111-002
Amount (US \$ million) : 1
Executing Agency : Sri Lanka Railways
Sector : Transport
Subsector : Rail transport (non-urban) - Transport policies and institutional development

Responsible ADB Officer: Markus Roesner, South Asia Department, Transport and Communications Division, ADB

Status: ADB Board approved on December 11, 2015.

Description: The Colombo Suburban Railway Project will support the modernization of the railway network in the Western Province of Sri Lanka. The project will initially focus on the 64 kilometers (km) Veyangoda- Colombo Fort- Panadura section.

The project will improve the capacity and operating speed of the railway network in the Colombo Metropolitan Region (CMR) by modernizing and upgrading track, signaling and telecommunication infrastructure; and potentially electrifying the suburban railway lines, focusing initially on the 64 km Veyangoda- Colombo Fort- Panadura section. The project will also support procurement of fast and modern commuter trains and modernization of rolling stock maintenance facilities, and upgrade railway stations to provide improved intermodal connectivity with other modes of public transport and through park-and-ride facilities at selected stations. The project will increase the capacity and attractiveness of the railway system, thus increasing its market share and reducing road congestion by shifting passengers to rail transport. The project will be designed on a modular basis to allow future expansion, e.g. until the Puttlam Line and Colombo Airport or until Galle, Kandy and the Kelani Valley Line and Battaramulla, and connect to Colombo Port.

Business Opportunities

- Consulting Services: An international consulting firm will be recruited by ADB using the quality and cost-based selection method with full technical proposal and a quality to cost ratio of 90:10 due to the specialized technical requirements and the nature of this project as a multidisciplinary railway project. The consultants will be selected in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).
- Procurement: No procurement activities will be administered in the PPTA.

VANUATU

Institutional Strengthening for Environmental Safeguards in Vanuatu

TA No. : 9073
Project No. : 49445-001
Amount (US \$ million) : 0.23
Executing Agency : Asian Development Bank
Sector : Transport
Subsector : Transport policies and institutional development

Responsible ADB Officer: Jean Williams, Transport, Energy and Natural Resources Division, ADB

Status: ADB Board approved on January 22, 2016.

Description: The technical assistance (TA) will be in alignment with the objectives of the Paris Declaration and Accra Agenda for Action principles which are based on strengthening and implementing country systems. The TA is aligned with three development impacts identified in government plans and strategies: (i) providing for the conservation, sustainable development and management of the environment of Vanuatu; (ii) supporting Priority 1 of primary sector development and environment section of Priorities and Action Agenda-implementing the EPCA and the regulation of related activities; and (iii) providing further institutional strengthening contributing to the main functions of the DEPC. The expected outcome will be strengthened DEPC capacity, through strengthened legislative tools, to implement environmental safeguards in the infrastructure sector.

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

VIETNAM

A. Mainstreaming Climate Change Mitigation into National Infrastructure

TA No. : 9055
Project No. : 49145-001
Amount (US \$ million) : 1
Executing Agency : Ministry of Natural Resources and Environment
Sector : Energy, Transport
Subsector : Energy efficiency and conservation; Transport policies and institutional development

Responsible ADB Officer: Daisuke Mizusawa, Southeast Asia Department, Transport and Communications Division, ADB

Status: ADB Board approved on December 16, 2015.

Description: The Government of Viet Nam (the government) has been aware of the need to address climate change impacts and the need for more effective infrastructure developments integrating climate change adaptation and mitigation actions. The Ministry of Natural Resources and Environment (MONRE), the government's climate change focal agency, has been supporting improved climate resilience of all infrastructure developments to achieve an environment friendly and climate-resilient national infrastructure. Since 2009, MONRE has initiated and piloted programs for climate change

adaptation and mitigation, participated in global and regional climate change conferences and accessed various climate change funding, both directly and through various international financial institutions.

To strengthen the capacities of MONRE and other relevant government agencies to more systematically prepare and implement government and international financed infrastructure developments, consultations with Asian Development Bank (ADB) had been conducted since 2014. This led to the development of a proposed Clean Technology Fund (CTF) grant funded Capacity Development Technical Assistance (TA) for MONRE. The TA is expected to assist the Government of Viet Nam in achieving a low carbon economy and enriching natural capital as the principal direction of sustainable economic development and greenhouse gas (GHG) emission reductions. Activities will include developing and strengthening measuring, reporting and verification systems (MRVs) for CTF projects, preparing and implementing transport and energy sector mitigation guidelines, and enhancing and coordinating agencies' capacity in climate change mitigation. The government has been closely involved in the TA development and concurs with the impact, outcome, outputs, implementation arrangements, cost, financing arrangements, and terms of reference of the TA.

Business Opportunities

- Consulting Services: ADB will recruit a consultant firm using quality- and cost-based selection method with a quality:cost ratio of 90:10 according to the Guidelines on the Use of Consultant (2013, as amended from time to time).
- Procurement: Equipment, including computers, software for data management, and peripheral devices, will be procured in accordance with the Procurement Guidelines (2015, as amended from time to time).

B. Health Human Resource Sector Development Program–Phase 2 (HHRSDP-2)

TA No. : 9046
Project No. : 40354-014
Amount (US \$ million) : 0.8
Executing Agency : Asian Development Bank
Sector : Public sector management
Subsector : Social protection initiatives

Responsible ADB Officer: Joel Mangahas, Southeast Asia Department, Human and Social Development Division, ADB

Status: ADB Board approved on December 15, 2015.

Description: The Health Human Resources Sector Development Program Phase 2 (HHRSDP-2) will assist the Government of Viet Nam achieve universal health coverage (UHC) and progress toward meeting health-related sustainable development goals (SDGs) through a combination of policy and investment support to ensure the steady supply of competent and qualified health workforce. It builds on the achievements of Health Human Resources Sector Development Program (HHRSDP).

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

IV. GRANT

KIRIBATI

Road Rehabilitation Project - Additional Financing

Grant No. : 0470
Project No. : 44281-015
Amount (US \$ million) : 2.4
Executing Agency : Ministry of Finance and Economic Development
Sector : Transport
Subsector : Urban roads and traffic management

Responsible ADB Officer: Jude Kohlhase, Pacific Department, Pacific Subregional Office in Suva, Fiji, ADB

Status: ADB Board approved on December 11, 2015.

Outputs:

- The government rehabilitates and upgrades the road network on South Tarawa.
- Community-based enterprises have the capacity to maintain the road network.
- The MPWU provides efficient implementation support.

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

MYANMAR

Economic Empowerment of the Poor and Women in the East-West Economic Corridor

Grant No. : 9184
Project No. : 48322-001
Amount (US \$ million) : 3
Executing Agency : Ministry of Hotels and Tourism
Sector : Public sector management
Subsector : Public administration

Responsible ADB Officer: Uzma Hoque, Southeast Asia Department, Office of the Director General, ADB

Status: ADB Board approved on December 15, 2015.

Description: The project will support micro and small enterprise (MSE) development, and increased employment and economic opportunities for the poor and women selling crafts and local food to tourists and residents in the East West Economic Corridor (EWEC). The project locations are Chaungzon Island, Kyaikhto Mawlamyine, and Mudon four townships in Mon state. The project comprises an integrated approach to enable microentrepreneurs to access technical training, skills in business management, appropriate technology, finance, and markets to build competitive and sustainable businesses and contribute to reducing household poverty.

Business Opportunities

- Consulting Services: 11 consultants for 217 person-months

- Procurement: National competitive bidding (2 contracts) (Civil works for market and processing facility) \$0.65 million; shopping (8 contracts) \$0.17 million

NAURU

Port Development Project - Project Design Advance

Grant No. : 6005
Project No. : 48480-002
Amount (US \$ million) : 3
Executing Agency : Ministry of Finance
Sector : Multisector
Subsector : ADB's corporate management, policy and strategy development

Responsible ADB Officer: P.P.G.P.P. Indrawansa, Pacific Department, Pacific Liaison and Coordination Office in Sydney, Australia

Status: ADB Board approved on December 16, 2015.

Description: The Nauru Port Development Project will improve port operations in Nauru by building a quay wall and access causeway at Aiwo, reconstructing port buildings and the container storage area, and strengthening the institutional capacity of Nauru Ports Authority.

Business Opportunities

- Consulting Services: To be determined
- Procurement: To be determined

V. IN-COUNTRY EMBASSY AND COMMERCIAL OFFICES

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