

行政院公共工程委員會 函

地址：11010 台北市松仁路3號9樓
聯絡人：陳巧靜
聯絡電話：(02)87897612
傳 真：(02)87897584

106
臺北市忠孝東路4段69-10號11樓
受文者：中華民國電機技師公會

發文日期：中華民國105年5月3日
發文字號：工程技字第10500131420號
速別：普通件
密等及解密條件或保密期限：
附件：如說明

主旨：函轉財政部函，為有關亞洲開發銀行招聘電力專家、水利專家與鐵路交通專家資料，請轉知所屬會員，並請有意應徵者於期限內報名，請查照。

說明：檢送財政部105年4月28日台財庫字第10503660071號函影本乙份。

正本：中華民國工程技術顧問商業同業公會、中華民國營造工程工業同業公會全國聯合會、中華民國土木技師公會全國聯合會、中華民國水利技師公會全國聯合會、中華民國電機技師公會、台北市交通工程技師公會

副本：內政部、工程產業全球化專案辦公室 (皆含附件)

主任委員 許俊逸

本案依分層負責規定授權業務主管決行

電子公文

檔 號：
保存年限：

檔 號	
保存年限	
本文頁數	頁
附件(單位)	

財政部 函

地址：臺北市中正區(10066)愛國西路2號

聯絡人：方裕僊

電話：02-23228000 #8355

Email：yushian@mail.nta.gov.tw

受文者：行政院公共工程委員會

發文日期：中華民國105年4月28日

發文字號：台財庫字第10503660071號

速別：普通件

密等及解密條件或保密期限：

附件：如主旨(105A301242_1_281600166893.docx、105A301242_2_281600166893.docx、105A301242_3_281600166893.docx)

主旨：檢送亞洲開發銀行(以下簡稱亞銀)招聘電力專家、水利專家與鐵路交通專家資料，請轉知相關工程顧問公司及營造業者，並請有意應徵者於期限內報名，請查照。

說明：亞銀為增加聘僱專業人才彈性，提出「專業人才短期聘僱專案」，聘僱相關資訊如下：

- 一、需相關工作經驗10年以上。
- 二、聘僱期限為2至3年，視雙方契約約定。
- 三、薪資與福利待遇比照亞銀一般員工。
- 四、招聘流程同亞銀一般員工，包含書面審核及面試。
- 五、應徵期間為即日起至本(105)年5月16日止。

正本：行政院公共工程委員會

副本：電2016-04-28
交16-撥：22章

工程會

1050429



10500131420

Experts Pool: Senior Railway Specialist - (160336)

Description

IMPORTANT INFORMATION:

This is a two to three-year special fixed-term appointment. A special fixed-term appointment will automatically and without prior notice expire at the end of the original or extended term.

Job Purpose

To bring advanced technical expertise from the railways industry to support ADB's initiative to expand its railways operations in Asian developing countries. To assist ADB multidisciplinary teams in preparation of 2-3 railway investment projects per annum for a period of 3 years. Projects will include new rail links and expanding the capacity and efficiency of existing railways. To (i) introduce new and innovative forms of railways operations for ADB-financing; (ii) assist operations departments (ODs) to develop and implement expanded pipelines of railways lending and non-lending operations; (iii) assist cross-border railways development as part of ADB subregional cooperation programs; and (iv) prepare, obtain and share knowledge on advanced railways technologies and best practices in railways management and commercialization. Work within general policies, principles and goals, working directly with clients.

Expected Outcomes

a. Railway Strategies

- Advice government and ADB operations teams on opportunities for updating the focus of ADB's railways operations with a view to increasing relevance, value addition and innovation in project planning and implementation in full compliance of ADB policies and procedures.
- In consultation with ODs and relevant government agencies of developing member countries (DMCs), conceptualize and develop a roadmap for expanding ADB's railways lending operations, strengthening ADB's railway staff expertise, and building up its external networks in the field of railways including with centers of excellence and consulting firms.
- Ensure proper coordination with sector divisions and Sustainable Development and Climate Change Department (SDCC) for exchange of knowledge and experiences.

b. Project Development and Processing

- Assist ODs in policy dialogue with DMCs to develop pipelines of future railway lending and non-lending operations;
- Provide ODs with technical support in the processing and implementation of railway lending and non-lending operations;
- Provide support and quality control to project processing mission teams to ensure quality-at-entry and incorporate value addition and innovation in lending projects.
- Lead technical discussions with other development partners, knowledge partners, private sector stakeholders on scaling up cofinancing and public-private sector partnerships.

c. Regional Cooperation and Integration

- Develop and implement regional railway strategies, programs and projects focusing on priority railway corridors (including capacity augmentation and missing links), designated rail corridor

services

- Develop and implement regional cooperation among railways institutions in the Central Asia Regional Economic Cooperation (CAREC), Greater Mekong Subregion (GMS) and South Asia Subregional Economic Cooperation (SASEC) regions in consultation with national and regional organizations and international financial agencies.
- Promote south-south knowledge sharing in the railways, including on technical aspects, management, regulation and commercial orientation.

e. Knowledge management

- Undertake analysis and assessment of key railway technology, institutional reform and commercialization issues and solutions
- Prepare reports, articles, presentations disseminated through publications, web-posting and knowledge sharing seminars.

f. Staff Supervision

- Create and lead multi-disciplinary teams and ensure the overall quality of its work
- Supervise the performance of teams and feedback on performance
- Provide coaching and mentoring to team and individuals and ensure their ongoing learning and development

Core Competencies

Application of Technical Knowledge and Skills

- Provides supervision to others in completing their technical tasks
- Called upon for advice and guidance based on expertise gained by working in different countries and organizations
- Contributes advanced knowledge and expertise to different parts of the Department

Client Orientation

- Proposes effective services and solutions to staff beyond presenting issues and past challenges
- Assists colleagues adapt to the cultural and business norms of diverse clients and country situations
- Gains respect for the breadth and depth of expertise demonstrated in effectively managing diverse clients and country situations
- Called upon to resolve client situations that may impact their long-term ADB relationship

Achieving Results and Problem Solving

- Resolves situations where client needs are not being met
- Shares past experiences from different projects, organizations, and countries to help achieve quality results
- Ensures that thorough analysis includes current and relevant factors from different countries and contexts
- Sought out for guidance and experience in overcoming the most challenging situations

- Draws on long-term relationships with stakeholders to help plan for and achieve results

Working Together

- Addresses team members not contributing to required standards
- Commits to delivering timely and high quality work to assist in the team's success
- Develops and maintains good internal and external peer and senior level relationships
- Helps teams understand common features to build rapport and overcome challenges

Communication and Knowledge Sharing

- Provides stakeholders with the level and quality of information required to achieve outcomes
- Encourages others to seek long-term solutions to address feedback opposed to focusing on immediate concerns or reactions
- Uses breadth of multi-country and multi-client knowledge to equip clients and staff for more effective outcomes
- Designs and implements project and program knowledge and services

Innovation and Change

- Consistently seeks more effective and practical ways for the Departmental delivery of services, products, and processes
- Proposes new ways to improve the quality and relevance of products and services
- Includes the core benefits and reasons for change when developing comprehensive change roll out plans
- Influences and persuades decision makers by presenting business cases supporting the proposed changes

Qualifications

Education Requirements

- Master's Degree, or equivalent, in Railway Engineering, Railway Operations and Planning, Railway Management or relevant fields. University degree in Railway Engineering, Railway Operations and Planning, Railway Management or relevant fields, combined with specialized experience in similar organization/s, may be considered in lieu of a Master's degree

Relevant Experience

Work experience

- At least 10 years of relevant experience in the railway field at senior technical or management level, preferably working for railways operators, regulators or railway consulting firms
- Also having experience of railway mass transit will be an advantage
- International experience working in several countries preferred. Specialized professional experience in the field of railways operations, management, or consulting will be considered in lieu of multiple country experience.

Technical knowledge

- Proven technical expertise in the development, planning and operation of railways in developing countries
- Able to utilize and share relevant knowledge to benefit the broader ADB community and DMCs, including to support the expansion of ADB's railways operations in DMCs

People and leadership skills

- When required, able to act as a mission/team leader, exercising supervision coordination, and planning responsibilities over the assigned team, with oversight from the Technical Advisor, Director or a more senior team leader
- Act as a mentor to more junior team members, providing guidance on projects and processing and implementation of loans/technical assistance
- Act as a coach to develop the capabilities/potential of more junior colleagues
- Excellent oral and written communication skills in English

Reporting Relationships

- Supervisor: Technical Advisor (Transport), SDAS
- The following staff positions may be supervised by the incumbent:
 - Administrative Staff
 - National Staff

Primary Location

: Asian Development Bank-Asian Development Bank Headquarters-Philippines-Manila

Department: Sustainable Development and Climate Change Department

Division: Sector Advisory Service Division

Staff Category: International Staff (HQ)

Position Level: IS5

Job Posting

: Apr 18, 2016, 12:00:00 AM

Closing Date (Period for Applying) - Internal

: May 16, 2016, 11:59:00 PM

Experts Pool: Senior Energy Specialist (Smart Grids) - (160337)

Description

IMPORTANT INFORMATION:

This is a two to three-year special fixed-term appointment. A special fixed-term appointment will automatically and without prior notice expire at the end of the original or extended term.

Job Purpose

To bring advanced technical expertise from the electric power industry to support ADB's initiative to expand its energy sector operations in Asian developing countries. To assist ADB multidisciplinary teams in preparation of 2-3 transmission and distribution investment projects per annum for a period of 3 years. Projects will include components such as smart grids, mini/micro grids, smart meters and demand side response. The main responsibilities are to: (i) introduce new and innovative smart grid solutions for ADB-financing; (ii) assist operations departments (ODs) to develop and implement expanded pipelines of innovative transmission and distribution lending and non-lending operations; (iii) assist cross-border interconnection development as part of ADB sub-regional cooperation programs; and (iv) prepare, obtain and share knowledge on advanced smart grid technologies and best practices in grid management. Work within general ADB policies, principles and goals, working directly with clients.

Expected Outcomes

a. Energy Sector Innovative Strategies

- Advise government and ADB operations teams on new technologies and solutions for smart grids, and participate in policy dialogue, to mainstream smart grid innovations in project planning and implementation in full compliance of ADB policies and procedures.
- Conceptualize and develop roadmap for the energy sector with innovative smart grid technologies and solutions, with emphasis on integration of renewable energy in consultation with ODs in ADB and relevant Government agencies in DMCs.
- Ensure the proper coordination with sector divisions and Sustainable Development and Climate Change Department (SDCC) for exchange of knowledge and experiences.

b. Project Development and Processing

- Support the lending and non-lending pipeline of projects in the energy sector with emphasis on transmission and distribution projects with smart grid technologies for promoting renewable energy integration and energy efficiency.
- Assist ODs in policy dialogue with DMCs to develop and implement expanded pipelines of innovative transmission and distribution lending and non-lending operations.
- Advise the project processing mission teams to ensure key technical innovations are incorporated into project and program design.
- Lead technical discussions with other development partners, knowledge partners, private sector stakeholders for scaling up cofinancing and public-private sector partnerships.

c. Regional Cooperation and Integration

- Develop energy trade and interconnection strategies focusing on renewable energy technologies in consultation with national and regional organizations and international financial agencies.
- Promote South South knowledge sharing in the areas of smart grids and renewable energy integration and energy efficiency.

e. Knowledge management

- Undertake analysis and assessment of key technology issues particularly in smart grids technologies for integration of renewable energy and energy efficiency,
- Prepare reports, articles, presentations disseminated through publications, web-posting and knowledge sharing seminars.

f. Staff Supervision

- Create and lead multi-disciplinary teams and ensure the overall quality of its work
- Supervise the performance of teams and feedback on performance
- Provide coaching and mentoring to team and individuals and ensure their ongoing learning and development

Core Competencies

Application of Technical Knowledge and Skills

- Provides supervision to others in completing their technical tasks
- Called upon for advice and guidance based on expertise gained by working in different countries and organizations
- Contributes advanced knowledge and expertise to different parts of the Department

Client Orientation

- Proposes effective services and solutions to staff beyond presenting issues and past challenges
- Assists colleagues adapt to the cultural and business norms of diverse clients and country situations
- Gains respect for the breadth and depth of expertise demonstrated in effectively managing diverse clients and country situations
- Called upon to resolve client situations that may impact their long-term ADB relationship

Achieving Results and Problem Solving

- Resolves situations where client needs are not being met
- Shares past experiences from different projects, organizations, and countries to help achieve quality results
- Ensures that thorough analysis includes current and relevant factors from different countries and contexts
- Sought out for guidance and experience in overcoming the most challenging situations
- Draws on long-term relationships with stakeholders to help plan for and achieve results

Working Together

- Addresses team members not contributing to required standards
- Commits to delivering timely and high quality work to assist in the team's success
- Develops and maintains good internal and external peer and senior level relationships
- Helps teams understand common features to build rapport and overcome challenges

Communication and Knowledge Sharing

- Provides stakeholders with the level and quality of information required to achieve outcomes
- Encourages others to seek long-term solutions to address feedback opposed to focusing on immediate concerns or reactions
- Uses breadth of multi-country and multi-client knowledge to equip clients and staff for more effective outcomes
- Designs and implements project and program knowledge and services

Innovation and Change

- Consistently seeks more effective and practical ways for the Departmental delivery of services, products, and processes
- Proposes new ways to improve the quality and relevance of products and services
- Includes the core benefits and reasons for change when developing comprehensive change roll out plans
- Influences and persuades decision makers by presenting business cases supporting the proposed changes

Qualifications

Education Requirements

Master's Degree or equivalent, in Electrical Engineering or relevant fields. University degree in Electrical Engineering or relevant fields, combined with specialized experience in similar organization/s may be considered in lieu of a Master's degree.

Relevant Experience

Work experience

- At least 10 years of relevant experience in power utilities at senior technical levels
- International experience working in several countries. Specialized experience in energy sector operations, management, or consulting will be considered in lieu of multiple country experience.

Technical knowledge

- Proven expertise and able to apply smart grid technologies (including mini grid, renewable energy integration and energy storage) in developing countries context
- Able to utilize and share relevant knowledge to benefit the broader ADB community and DMCs

People and leadership skills

- When required, able to act as a mission leader / team lead, exercising supervision coordination, and planning responsibilities over the assigned team, with oversight from the Technical Advisor, Director or a more senior team leader

- Act as a mentor to more junior team members, providing guidance on projects and processing of loans/technical assistance
- Act as a coach to develop the capabilities/potential of more junior colleagues
- Excellent oral and written communication skills in English

Reporting Relationships

- Supervisor: Technical Advisor (Energy), SDAS
- The following staff positions may be supervised by the incumbent:
 - Administrative Staff
 - National Staff

Primary Location

: Asian Development Bank-Asian Development Bank Headquarters-Philippines-Manila

Department: Sustainable Development and Climate Change Department

Division: Sector Advisory Service Division

Staff Category: International Staff (HQ)

Position Level: IS 5

Job Posting

: Apr 18, 2016, 12:00:00 AM

Closing Date (Period for Applying) - Internal

: May 16, 2016, 11:59:00 PM

Experts Pool: Senior Water Utility Specialist - (160335)

Description

IMPORTANT INFORMATION:

This is a two to three-year special fixed-term appointment. A special fixed-term appointment will automatically and without prior notice expire at the end of the original or extended term.

Job Purpose

To bring advanced technical expertise from the water service industry to support ADB's initiative to expand its water sector operations in Asian developing countries. To assist ADB multidisciplinary teams in preparation of 2-3 water sector investment projects per annum for a period of 3 years. Projects will include components such as improving energy efficiency in water and sewerage services, network expansion, and corporatization of water utility operations. The main responsibilities are to: (i) introduce new and innovative solutions for improving energy efficiency in water utility operations for ADB-financing; (ii) assist operations departments (ODs) to develop and implement expanded networks of innovative water and sewerage lending and non-lending operations; and (iii) prepare, obtain and share knowledge on corporatization of water utilities including best practices in asset management and strengthening, and integrated utility planning. The Specialist is expected to work within general ADB policies, principles and goals, working directly with clients.

Expected Outcomes

a. Water Sector Innovative Strategies

- In full compliance of ADB policies and procedures, advise government and ADB operations teams on new technologies and solutions for water and sewerage utility operations, and participate in policy dialogue, to increase focus on efficiency and sustainability of utility operations in project planning and implementation.
- In consultation with ODs, relevant DMC government agencies and centers of excellence, conceptualize and develop a roadmap for increasing corporatization of water utilities and improving energy efficiency in water and sewerage service provision.
- Ensure the proper coordination with sector divisions and Sustainable Development and Climate Change Department (SDCC) for exchange of knowledge and experiences.

b. Project Development and Processing

- Assist the ODs in developing lending and non-lending pipelines of projects in the water sector;
- Advise the project processing mission teams to ensure key systems and technical innovations are incorporated into project and program design.
- Lead technical discussions with other development partners, knowledge partners, private sector stakeholders for scaling up cofinancing and public-private sector partnerships, including design and application of climate financing to water sector projects.

c. Knowledge management

- Undertake analysis and assessment of key concepts, systems, and technology issues particularly in improving energy efficiency in water and sewerage utility operations,
- Prepare reports, articles, presentations disseminated through publications, web-posting and

knowledge sharing seminars.

d. Staff Supervision

- Create and lead multi-disciplinary teams and ensure the overall quality of its work
- Supervise the performance of teams and feedback on performance
- Provide coaching and mentoring to team and individuals and ensure their ongoing learning and development

Core Competencies

Application of Technical Knowledge and Skills

- Provides supervision to others in completing their technical tasks
- Called upon for advice and guidance based on expertise gained by working in different countries and organizations
- Contributes advanced knowledge and expertise to different parts of the Department

Client Orientation

- Proposes effective services and solutions to staff beyond presenting issues and past challenges
- Assists colleagues adapt to the cultural and business norms of diverse clients and country situations
- Gains respect for the breadth and depth of expertise demonstrated in effectively managing diverse clients and country situations
- Called upon to resolve client situations that may impact their long-term ADB relationship

Achieving Results and Problem Solving

- Resolves situations where client needs are not being met
- Shares past experiences from different projects, organizations, and countries to help achieve quality results
- Ensures that thorough analysis includes current and relevant factors from different countries and contexts
- Sought out for guidance and experience in overcoming the most challenging situations
- Draws on long-term relationships with stakeholders to help plan for and achieve results

Working Together

- Addresses team members not contributing to required standards
- Commits to delivering timely and high quality work to assist in the team's success
- Develops and maintains good internal and external peer and senior level relationships
- Helps teams understand common features to build rapport and overcome challenges

Communication and Knowledge Sharing

- Provides stakeholders with the level and quality of information required to achieve outcomes
- Encourages others to seek long-term solutions to address feedback opposed to focusing on immediate concerns or reactions

- Uses breadth of multi-country and multi-client knowledge to equip clients and staff for more effective outcomes
- Designs and implements project and program knowledge and services

Innovation and Change

- Consistently seeks more effective and practical ways for the Departmental delivery of services, products, and processes
- Proposes new ways to improve the quality and relevance of products and services
- Includes the core benefits and reasons for change when developing comprehensive change roll out plans
- Influences and persuades decision makers by presenting business cases supporting the proposed changes

Qualifications

Education Requirements

Master's Degree or equivalent, in Civil Engineering or related specialized fields. University Degree in Civil Engineering or relevant fields, combined with specialized experience in similar organization/s may be considered in lieu of a Master's degree

Relevant Experience

Work experience

- At least 10 years of relevant experience in water utilities sector at senior technical levels
- International experience working in several countries. Specialized experience in water sector operations, management, or consulting will be considered in lieu of multiple country experience
- Experience working in DMCs is an advantage

Technical knowledge

- Proven application of expertise in the urban water sector, specifically in water and sewerage utility management in DMCs
- Able to utilize and share relevant knowledge to benefit the broader ADB community and DMCs

People and leadership skills

- When required, able to act as a mission leader / team lead, exercising supervision coordination, and planning responsibilities over the assigned team, with oversight from the Technical Advisor, Director, or a more senior team leader
- Act as a mentor to more junior team members, providing guidance on projects and processing of loans/technical assistance
- Act as a coach to develop the capabilities/potential of more junior colleagues
- Excellent oral and written communication skills in English

Reporting Relationships

- Supervisor: Technical Advisor (Urban and Water), SDAS
- The following staff positions may be supervised by the incumbent:
 - Administrative Staff
 - National Staff

Primary Location

: Asian Development Bank-Asian Development Bank Headquarters-Philippines-Manila

Department: Sustainable Development and Climate Change Department

Division: Sector Advisory Service Division

Staff Category: International Staff (HQ)

Position Level: IS5

Job Posting

: Apr 18, 2016, 12:00:00 AM

Closing Date (Period for Applying) - Internal

: May 16, 2016, 11:59:00 PM