



*In the success of others lies our own!*

# SHELADIA





## Background

**SHELADIA Associates, Inc. (SHELADIA)** is an American engineering and construction management firm headquartered in the Washington, DC metropolitan area of the United States. SHELADIA has offices in 11 countries, 240 employees and over 3,000 highly qualified personnel on a professional registry for surge and special needs. Most of the staff have worked extensively overseas,

including for US Federal Government Projects, and are thoroughly versed and experienced in U.S. and international norms and standards. Since 1974, SHELADIA

has completed over 1,100 projects for 300+ clients including the World Bank, Asian Development Bank, African Development Bank, USAID, Millennium Challenge Corporation, US Department of State, and host country government entities throughout Asia, Africa, Middle East and Europe.



SHELADIA has over 40 ongoing projects and regularly provides services on multi-task IDIQ contracts. The firm has extensive experience in managing complex, multi-package projects. The primary sectors of focus include transportation, water and sanitation, agriculture/irrigation, and vertical structures, which include health clinics/hospitals, schools, agricultural processing and storage facilities, and various government and community buildings.

### Transportation-

SHELADIA has a long and highly successful history of experience working in the transportation sector. Our transportation projects include the design and construction supervision of rural, urban, and national roads and highways; the design and construction supervision of bridges; and inter-modal transport studies, including railways and ports. Over the past 40 years, we have implemented more than 800 projects in the road sector throughout the world. Our services include feasibility studies, economic studies,

**1100+**  
Projects

**300+**  
Clients

**80+**  
Countries

**45+**  
Years  
Experience



preparation of master plans, detailed engineering design, preparation of tender documents, design review and construction supervision, project management consultancies, M&E, and capacity building and institutional strengthening.

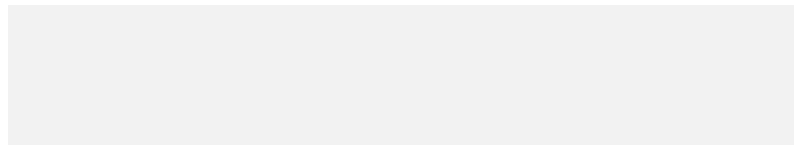


***Irrigation and Water Resources Engineering-*** SHELADIA's projects in irrigation and water resources focus on aspects of irrigation infrastructure development from the main canal level to the tertiary level, command area and watercourse development, and institutional strengthening through capacity building of government institutions and water user associations (WUA). We provide assistance to governments to strengthen Integrated Water Resources Management (IWRM) in different river basins, institutional strengthening of the

Department of Water Resources/Irrigation in the respective project countries, key engineering design, monitoring and evaluation, establishing database for surface and groundwater resources, river basin planning, creation and implementation of regulatory bodies, M&E, and environment and social assessment. We have undertaken major irrigation reform projects that sought participatory approaches, either for system handover, system initiation, rehabilitation or upgrading.

***Architecture-*** SHELADIA provides architecture and engineering services for buildings, including educational facilities, health facilities and hospitals, markets, and various government and private sector office and commercial buildings throughout the world.

Our team of architects and structural engineers has over forty years of extensive experience in planning, designing, providing feasibility studies, and managing the construction of both public and private facilities around the world.



# SHELADIA

## EXPERIENCE

## IN ASIA







## CENTRAL ASIA REGION

In the last two decades, SHELADIA has had a large presence in Central Asian region and successfully executed several road, bridges, vertical structures and irrigation engineering projects.



### AFGHANISTAN

In Afghanistan, SHELADIA has been active since 2002 and has implemented over 20 projects. These projects have been in the transportation, agriculture and water resources, and architecture sectors.

#### TRANSPORTATION

Some of the selected projects in this sector in Afghanistan are:

- **ADB- Design and Construction Supervision of the Reconstruction and Rehabilitation of the North South Corridor Road Project, Km 41 to Dara-i-Suf Section (Length: 178km)-** SHELADIA carried out detailed engineering design and is now serving as “Engineer” on behalf of Employer under FIDIC conditions of contract. Includes monitoring environmental and social/resettlement safeguards per ADB requirements.
- **ADB-Construction Supervision of the Reconstruction and Rehabilitation of the Kabul to Jalalabad Highway (Sapary to Surhkroad) Project (Length: 100km)-** SHELADIA provided Construction Supervision services to fulfil the role of the “Engineer” on behalf of the Employer. SHELADIA assisted MPW in management and administration of the projects and supervised the implementation of highway construction.
- **ADB- Emergency Infrastructure Rehabilitation/ Reconstruction Project, Construction Supervision of Contract 1: Rehabilitation of Roads from Pule Khumri via Mazar Sharif to Balkh and Naibabad to Hairatan (Length: 265km).** SHELADIA provided construction supervision of the road project under FIDIC conditions and adherence to ADB safeguards policies and procedures.
- **ADB- Design Review & Construction Supervision of Qaisar-Bala Murghab Road Project.** SHELADIA conducted design review and construction supervision of the 90 Km road and its associated structures. SHELADIA provided approval of design of design/build contractor, certification of all works for quality and quantity, civil works contract administration, supervision of construction, supplies and installation of tolling facility, and benefit monitoring and evaluation.
- **ADB- Preparing the Herat-Andkhoy Road Project.** SHELADIA assessed the feasibility of improving the conditions of the road and prepared a project suitable for ADB financing. SHELADIA conducted site inspection and surveys, pavement and materials investigation and design, hydrologic studies, preliminary engineering and structures/bridges design, traffic studies, initial environmental examination, social and poverty analysis, economic analysis including net present value of the investment and economic internal rate of return, training and technology transfer, and preparation of maintenance program.

## AGRICULTURE AND WATER RESOURCES

- **ADB- Implementation Support Consultancy (ISC) inputs on the Panj Amu River Basin Sector Project.** The goals of the Panj Amu River Basin Project –ISC is to increase agricultural productivity in the Panj-Amu River Basin through improving access and use of water at farm, scheme and river levels. SHELADIA is supporting the government of Afghanistan through the provision of implementation support consultancy for this crucial project.
- **ADB- Western Basins Water Resources Management Project-** SHELADIA provided project implementation support and capacity building to the Client for implementation of this project.

## ARCHITECTURE

- **World Bank Country Office, Kabul, Afghanistan-** SHELADIA provided architectural, interior design, structural (including seismic design and evaluation using base isolation technique), blast protection, tendering, landscaping and construction management/ supervision services for the World Bank Country Office in Kabul, Afghanistan.



## UZBEKISTAN

In Uzbekistan, SHELADIA has provided engineering services to projects in the transportation, agriculture and water resources, and M&E sectors.

## TRANSPORTATION

**ADB-Project Preparation Technical Assistance for the Third CAREC Corridor Road Investment Program.** SHELADIA provided project preparatory technical assistance (PPTA) services to the Asian Development Bank to carry out design review and due diligence and prepare a comprehensive design for a multi-tranche financing facility (MFF) for the Third CAREC Corridor 2 Road Investment Program to be implemented in different tranches. SHELADIA was engaged to carry out technical due diligence of a number of sub-projects, including the rehabilitation of 77 km of CAREC Corridor 6 between Karshi and Kitab in Kashkadarya region, and the reconstruction of a 240 km section of the A380 highway in the Karakalpakstan province, connecting with the Kazakhstan border in the northwest of Uzbekistan.

## AGRICULTURE AND WATER RESOURCES

- SHELADIA prepared a water resources management plan for the Fergana Valley and a \$200 million investment package for water resource management and irrigation infrastructure.
- SHELADIA is providing project management, procurement, construction supervision and capacity building services for the ADB financed Amu Bukhara Irrigation System Rehabilitation.



## AZERBAIJAN

- **ADB-Program Management Consultant for Multi-tranche Financing Facility, Second Road Network Development Investment Program.** SHELADIA is serving as PMC to support the Azerbaijan road agency (Azeravtoyol) on the implementation of its more than USD \$1 billion road investment ADB multi-tranche financing facility. The assignment includes design review, construction supervision, procurement support, on-the-job training and performance monitoring and evaluation.







## KYRGYZSTAN

***ADB- Preparing the Central Asia Regional Economic Cooperation Corridors 1 and 3 Bishkek Northern Bypass Road Project.*** Technical assistance grant to the Government of Kyrgyz Republic for the preparation of the CAREC Corridors 1 and 3 Bishkek Northern Bypass Road Project. SHELADIA supported IPIG and ADB in the preparation of this upcoming loan project.







## CAMBODIA

In Cambodia, SHELADIA has been offering engineering services for more than 2 decades. SHELADIA has completed several transportation, agriculture and water resources, architecture, and M&E projects. SHELADIA's selected projects in Cambodia are as follow:

### TRANSPORTATION

- **ADB- Rural Roads Improvement Project II (RRIP II)**- The project involves the rehabilitation of 70 roads of about 1200 Km, which includes improving the climate resilience access by paving 50 Km of roads, in the provinces of Battambang, Kampong Cham, Kampong Chhang, Kampong Speu, Kampong Thom, Pursat and Siem Reap. SHELADIA is currently providing consultancy services to improve the capacity of Ministry of Rural Development in managing its road assets and to prioritize investments in a manner that is suitable for attracting funding through national or development partner sources.
- **World Bank- Ketsana Emergency Reconstruction and Rehabilitation Project – Managing Consultants (Length: 615km)**- SHELADIA worked with Ministry of Rural Development to carry out design and construction supervision for 615km of rural roads; community maintenance of 910 km of feeder roads; reconstruction of 3 major bridges; and installation of 1,200 community wells and 18,000 sanitation facilities in six provinces across Cambodia. These provinces included Siem Reap, Kampong Cham, Banteay Meanchey, Kampong Thom, Battambang, and Kampong Chhnang. SHELADIA's scope involved detailed engineering design, procurement support, flood damage assessment and project preparation, social/environmental safeguards support, and supervising multiple civil works contracts. Services also included capacity building of the Ministry staff.
- **World Bank- Second Road Asset Management Project – Additional Feasibility Study**- SHELADIA worked with the ADB and Ministry of Public Works and Transport of Cambodia to conduct a feasibility study of 147 Km of national roads 1 and 6 located in the provinces of Svay rieng, Prey Veng and Siem Reap in the Northwest and the Southeast of Cambodia. SHELADIA conducted field surveys, prepared engineering analysis and cost estimates, traffic surveys and analyzed the economic viability and financial stability of the proposed project roads. SHELADIA also prepared studies relating to environmental and social issues, and assessments of climate risk which will result in a technical report outlining proposed options to address climate impacts/ risks to ensure climate resilient design, construction and maintenance of project components.
- **ADB-Mekong Tourism Development Project- Part A: Access Roads Improvement**- This project raised the elevation of the existing road and surfaced the road with asphalt concrete, as well as rebuilt two bridges (24 and 6 m long) and improved the drainage system and culverts. SHELADIA provided Construction Supervision services for the design



review, rehabilitation, and reconstruction of the access roads and other drainage structures.

- **ADB- Road Safety Review in the ASEAN Region-** The study promoted innovative ways to improve road safety through the development of an ASEAN road safety strategy. The countries included **Cambodia**, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand, and Vietnam. The main components of the project involved institutional strengthening, capacity building and human resource development, improving regional cooperation and enhancing private sector involvement in national road safety priority action plans.
- **ADB- Integrated Road Network Improvement Project, Phase 1-** The project will improve national and provincial road sections (NR 23 and PR 312) in the Greater Mekong Subregion network and its subsections, totaling approx. 48 Km, with disaster and climate resilient design. The project will also improve axle load control in national and provincial roads, and strengthen awareness of road safety. SHELADIA's Home Office Permanent Expert, Dr. Jens Abraham, is providing Technical Assistance to the ADB in conducting economic due diligence for the road project.
- **ADB- Greater Mekong Subregion- Rehabilitation of the Railway in Cambodia-** The project will

rehabilitate the Southern Line from Phnom Penh to Sihanoukville (approx. 264 Km), Northern Line from Phnom Penh to Sisophon (approx. 335 Km), and reconstruct missing rail link from Sisophon to Popet (approx. 48 Km). The project will also re-establish the railway connection across the border to Thailand. SHELADIA's Home Office-based permanent expert, Dr. Jens Abraham, is providing Technical Assistance to the ADB in conducting economic analysis of this vital infrastructure project.

- **USAID- Mekong Safeguards Project-** SHELADIA is a subconsultant to the Asia Foundation and is responsible for the M&E framework for the 5-year Project which seeks to ensure a greater proportion of the large-scale infrastructure projects in the Mekong region (e.g. energy, transportation, and other projects) are planned and built with more robust attention to critical environmental and social sustainability and governance. The project seeks to harmonize ESG standards across bilateral (especially China), multilateral and private sector investments thereby leveling the playing field. The countries covered by MSP include China, Cambodia, Laos, Myanmar, Thailand and Vietnam.







## AGRICULTURE AND WATER RESOURCES

- ADB- Preparing the Irrigated Agriculture Improvement Project-** The project aimed at upgrading, modernizing and providing climate-proof irrigation infrastructure and their management including reservoirs and canals in at least five irrigation systems ensuring dry season irrigation supplies for about 40,000 ha agricultural land in project area. These irrigation systems are located in the provinces of Battambang, Kampot, Kampong Cham, Kampong Thom, Prey Veng,, Takeo, and Tbong Khmum. SHELADIA provided Technical Assistance to ADB for preparing the Irrigation Agriculture Improvement Project. SHELADIA determined the scope, components and geographical coverage of the project; prepared subprojects; prepared procurement plan; carried out gender and social assessments and prepared resettlement plan; designed implementation arrangements, among other tasks.
- ADB-Phnom Penh Water Supply and Drainage Project-** The project involved the improvement of the drainage infrastructure in the downstream area of Boeng Trabek catchment area in the center of the Capital, Phnom Penh. The project included the rehabilitation and upgrading of the Boeng Trabek and Toul Sen canals and their associated drainage works, and reconstruction of the Boeng Trabek pumping station. SHELADIA worked with the Ministry of Public Works and Transport of Cambodia to prepare detailed design, procurement documents, and provide training/capacity building services to the Ministry. SHELADIA also conducted construction supervision of the project and coordinated resettlement and land acquisition needs planning with Municipal committee.
- ADB- Provincial Towns Improvement Project – Wastewater Systems Improvements and Local Governance and Resource Mobilization**  
**Components-** The project rehabilitated water supply systems in six towns (Battambang, Kampot, Kompong Cham, Kompong Thom, Pursat, Svay Rieng, and Sihanoukville), developed a sewage collection and treatment system in Sihanoukville, improved sanitation conditions and helped mobilize resources at the government level. SHELADIA conducted detailed engineering design, cost estimates, tender documents and construction supervision of the wastewater systems improvement project.



## ARCHITECTURE

- **ADB- Construction Supervision of Infrastructure - Health Sector Support Project-** The project covered construction, renovation/rehabilitation of approx. 142 health facilities in nine provinces suited in 24 operational districts in the south, center and north east of Cambodia. The provinces under this project included Kampong Cham, Kampong Chhnang, Koh Kong, Mondolkiri, Prey Veng, Rattanakiri, Sihanoukville, Svay Rieng, and Takeo. SHELADIA conducted detailed engineering designs, developed technical specifications, bill of quantities, cost estimates and bidding documents, and undertook construction supervision of health facilities, including monitoring of social/environmental safeguards.
- **ADB- Emergency Flood Rehabilitation Project, Part E – Health-** The project stemmed from Basic Health Services project in response to heavy flooding experienced throughout Cambodia in September 2000. The project consisted of surveying flood damage to rural health facilities and the development of plans for supervision of renovation and repair in 8 provinces of Kampong Cham, Kampong Thom, Kampot, Kandal, Kratie, Prey Veng, Svay Reing and Takeo. SHELADIA conducted health facility flood survey inspection of 90 facilities, prepared detailed renovation plans and bills of quantities, and supervised the construction works.



## INDONESIA

In Indonesia, SHELADIA has been active since the 1990s by implementing 15 projects in the transportation and agriculture and water resources sectors. Selected projects are as follow:

### TRANSPORTATION

- **ADB- Due Diligence for Road Projects in Kalimantan and Capacity Development (Subproject 6) - Preparation of Feasibility Study and Preliminary Engineering Design for National Roads Development Project in Kalimantan-** The project road is under the Government of Indonesia's

ambitious infrastructure development agenda designed to boost productivity and provide access to economic opportunities and basic public services across the archipelago. SHELADIA was recently contracted by the ADB to conduct a feasibility study and prepare a preliminary engineering design for the National Roads Development Project in Kalimantan. SHELADIA's scope of work also involves road sector assessments, social/environmental safeguards support, financial analysis and management, economic assessments, climate change assessments, and road sector capacity strengthening.

- **USAID-Engineering Services for Design and Construction Supervision of the Aceh Road/Bridge Reconstruction and Rehabilitation Project-** Following the devastating earthquake and tsunami in 2004, The USAID/Indonesia Aceh Tsunami Rehabilitation and Reconstruction Program intended to provide assistance in rehabilitation, livelihood, and rebuilding economic and social infrastructure in Aceh and North Sumatra provinces. The project scope involved design and construction supervision of 230-km Banda Aceh to Meulaboh road and 108 crossings (bridges and culverts) on the island of Sumatra. SHELADIA provided design, construction supervision, and assistance in tendering process services to the Client.
- **ADB-Project Implementation Consultants for Roads and Bridges Sector-Earthquake and Tsunami Support Project (ETESP)-** The ADB-financed ETESP project rehabilitated 490- Km road between Banda Aceh, Medan, and Belawan Port. SHELADIA provided support in project management, contract administration, construction supervision, quality control and quality assurance.

### AGRICULTURE AND WATER RESOURCES

- **ADB- Farmer Managed Irrigation Systems Project-** The project raised agricultural productivity through investments in small-scale farmer-managed irrigation system (FMIS). The project targeted the poorer, less-developed villages in the provinces of West Java, Yogyakarta, West Nusa Tenggara, South





Sulawesi, Central Sulawesi, and North Sulawesi. SHELADIA provided technical assistance services to over 100 sub-projects, which required socio-economic, environmental, engineering and financial/economic studies followed by engineering design and construction supervision employing participatory approaches.

- **World Bank- Irrigation Management Reform Implementation, Water Resources and Irrigation Sector Management Project (WISMP).** WISMP was focused on improving (1) governance of the irrigation sector in Indonesia, (ii) basin water resources and performance of irrigation management, (iii) fiscal sustainability of sector asset management, (iv) finance irrigation sector investments. SHELADIA prepared a comprehensive project implementation plan (PIP) and a project management manual (PMM).



LAOS

## TRANSPORTATION

- **ADB- Road Safety Audit for Road 8-** SHELADIA provided a road safety audit of the preliminary/detailed design of the Road 8 Project from Km 50 to the Vietnamese border (a total of 81 km).

## ARCHITECTURE

- **World Bank- Architectural, Engineering and Interior Design of World Bank Group Office in Laos-** World Bank's new office building in Laos was constructed to consolidate all World Bank Group entities in the country. The main components of the new premises included main office and structured parking in a building of approx. 3,000 square meters

on a plot of 5,200 square meters. The building is sensitive to socio-cultural context of Laos. The building is Green Mark Platinum Certification. SHELADIA provided architectural, interior design, structural and civil engineering, mechanical, electrical, plumbing, water supply and sanitation, fire and security systems, telephone/data systems, tendering, and construction management/supervision services for World Bank Country Office.



VIETNAM

- **ADB-Mekong Transport and Flood Protection Project-Vietnam Road Safety Improvement, Phase 2 and Heavy Traffic Management.** The project completed the upgrading of Highway 1, Vietnam's transportation backbone, and increased the efficiency of the surface transportation system in the Mekong Delta. SHELADIA revised the economic evaluation sections of the proposed blackspot manual, developed methodology for annual updating of accident cost information, prepared a final report with recommendations for accident costs, and conducted training on aforementioned tasks.
- **ADB-Monitoring and Evaluation of Vietnam Road Safety Project-** The project involved M&E of road safety for three corridors- National Highway 1 (Hanoi-Vinh, Km 172-Km 463), National Road 51 (dong Nai- Vung Tau, Km 0-Km 75); and National Highway 1 (Ho Chi Minh City-Can Tho, Km 1915- Km 2068). SHELADIA provided consultancy support for Monitoring and Evaluation of the road safety component of the project and developed a database of the road physical characteristics.





## PACIFIC REGION



### THE SOLOMON ISLANDS

SHELADIA is providing technical assistance to the Asian Development Bank for the **Economic and Financial Analysis of the Land and Maritime Connectivity Project**. The project involves rehabilitation of 84 Km of roads in East West Guadalcanal Corridor including reconstruction of 1 bridge; construction of 7 wharves in 6 provinces; and reconstruction of old wharf at Honiara Port. SHELADIA is preparing, reviewing and consolidating the economic and financial analyses of the proposed investments, as well as sector assessments of the proposed investments.



### TONGA

SHELADIA is providing technical assistance to the Asian Development Bank for the **Economic and Financial analysis of the Nuku'alofa Port Upgrade Project in Tonga**. SHELADIA is preparing, reviewing and consolidating the economic and financial analyses of the proposed investments. This also includes assessing viability and financial sustainability of the proposal investments and determining the financial internal rate of return of the investments, as well as sensitivity analysis of project components that have a cost-recovery objective. SHELADIA is also preparing, reviewing and consolidating sector assessments of the proposed investments.



### KIRIBATI

SHELADIA is providing technical assistance to the Asian Development Bank for the **Economic and Financial Analysis of the Outer Island Transport Infrastructure Investment Project in Kiribati**. SHELADIA is preparing, reviewing and consolidating economic analysis of the proposed investments. SHELADIA is also undertaking financial analysis of the proposed investments that include assessing viability and financial sustainability of the proposal investments and determining the financial internal rate of return of the investments, as well as sensitivity analysis of project components that have a cost-recovery objective. SHELADIA is also preparing, reviewing and consolidating sector assessments of the proposed investments.







## INDIA

SHELADIA has been operating in India for over three decades. SHELADIA has completed more than 100 projects in the transportation, agriculture and water resources, and architecture sectors. More than 80 projects have been in the transportation sector. Selected projects in different sectors are as follow:

### TRANSPORTATION SECTOR

- **World Bank Supervision Consultancy Services for Improvement and Upgradation of Phase II ICB Contract of Mizoram State Roads Project, Package MSRP/P1B (Length: 123km).** SHELADIA conducted construction supervision, including land acquisition/ resettlement, environmental management & HIV/AIDS prevention and safeguards monitoring; and training/technology transfer.
- **World Bank Construction Supervision Consultancy Services for Group I Roads of Mizoram State Roads Project II – RTCP (Length: 81 Kms).** SHELADIA acted as “Engineer” on behalf of the EA under FIDIC conditions of contract. The project financed construction of 81 km of State Highways and Major District Roads in the initial phase of Group – I roads, linking Lunglei, the state’s second biggest town, to the Bangladesh border.
- **World Bank Construction Supervision of TNRSP 02, TNRSP 03, and TNRSP 04, Tamil Nadu State Highways Project (Length: 330.353 kms)-** SHELADIA provided construction supervision under FIDIC conditions for Phase I and IA of the works: Nagapattinam – Kattumavadi 115.806 km; Kattumavadi - Ramanathapuram 99.852 km; and Ramanathapuram - Tuticorin 114.695 km.
- **World Bank Construction Supervision Consultancy Services for Supervising the Tamil Nadu State Roads Project II, Road Upgradation Work Contracts EPC05, EPC06 & EPC07 (Length: 89.8 kms).** SHELADIA is providing construction supervision services to ensure high quality construction is achieved and to ensure that all works are carried out in full compliance with the engineering design requirements, technical specifications, environmental management plan and other stipulations of the EPC contract documents and within specified time periods.
- **World Bank Independent Engineering for Mehsana - Himatnagar Four Laning on DBFOMT Annuity Contract under Gujarat State Highways Project II (Length 72km)-** SHELADIA was appointed as Independent Engineer to carry out the technical obligations of the Concessionaire for the design, build, finance, maintain, operate and transfer on the existing 4-lane State Highway 55 - Mehsana – Himatnagar section.





## AGRICULTURE AND WATER RESOURCES

- **World Bank- Orissa Water Resources Consolidation Project-** The project modernized Orissa's Department of Water resources (DOWR) and upgraded its technical capabilities to plan, implement and manage major water resources development projects in the State. This included water supply, wetlands, irrigation, and hydropower. SHELADIA provided long-term technical assistance and institutional capacity building services to the DOWR to strengthen their capacity in integrated water resources planning and development, including the development of comprehensive databases for computer modeling, introduction of new planning and implementation methods for design, construction and maintenance, agricultural intensification and diversification, and handing over of O&M to farmers.



### SRI LANKA

- **ADB-Port Access Elevated Highway Project-** The project will construct a 4-lane (30.3m road width) highway with a length of approx. 5.3 Km from New Kelani Bridge to the CBD and the Colombo Port. The project is expected to alleviate traffic congestion within the densely populated Colombo, and improve overall transport efficiency by directly linking the central area of Colombo and the Colombo port with the national Expressway Network through the New Kelani Bridge- a critical link that would allow better efficiency in the movement of goods, services and people. SHELADIA is currently contracted to conduct a design review and provide construction supervision of the project. SHELADIA also conducted a review of the Road Safety Component of Southern Transport Development in 2003.



### BANGLADESH

- **ADB-Second Road Improvement Project-** The project involved widening and construction of shoulders of sections of Dhaka-Chittagong National



Road, Chittagong-Dohazari National Road, Dhaka-Tangail National Road, and Nabinagar-Chandra Road. SHELADIA conducted detailed design of 211 Km of Roads. This included pavement design; established design criteria; prepared draft report, drawings, and other relevant documents.

- **ADB- Design, Implementation and Supervisory Support of Solar Photovoltaic Pumping for Agricultural Irrigation-** SHELADIA is preparing design and assisting the Bangladesh Rural Electrification Board (BREB) in implementing and ensuring engineering oversight of the installation of 2000 SPV pumping systems, including commissioning and testing activities. SHELADIA is also providing on the job training for the BREB staff throughout the project implementation period.
- SHELADIA is currently undertaking the **Third-Party Monitoring and Evaluation of Overall Implementation of Coastal Embankment Improvement Project, Phase-I (CEIP-I)**



### BHUTAN

- **ADB Design and Construction Supervision of Road Network Project II (Length: 183km).** The Project aimed to construct and rehabilitate about 121 km of national highway and about 62 km feeder roads in Bhutan. After preparing the Detailed Engineering Design for the project roads, as Engineer's Representative, SHELADIA's team leader and senior highway engineer supervised and administered the civil works contract per FIDIC conditions and





ensured that the works were constructed in accordance with drawings, technical specifications, and contract conditions.



## NEPAL

- ***ADB-Institutional Strengthening of the Nepal Rural Road Sector for Sustainable Development-***  
The ADB TA supported the Ministry of Federal Affairs and Local development of Nepal in improving sector management performance by implementing institutional development initiatives. SHELADIA worked with the Department of Local Infrastructure to support its initiative to develop into a state-of-the-art rural road agency with training to build capacity in improved road maintenance, road safety and climate change adaptation.

- ***Irrigation and Water Resources Management Project (IWRMP)-*** The project provided assistance in implementation of Irrigation Management Transfer (IMT) in 61,000 ha of agency managed irrigation systems located in three development regions of Nepal. The irrigation systems included Kankai, Sunsari Morang, Narayani and Mahakali irrigation systems. SHELADIA undertook institutional development, system improvement, operation and maintenance, and provided water management support to the executing agency-Department of Irrigation.







## PAKISTAN

In Pakistan, SHELADIA has been working since 1980s, providing engineering services for several transportation and other infrastructure projects. In the transportation sector, SHELADIA's first project dates back to 1996 when the firm implemented the ADB-funded Second Rural Access Roads project. Further, SHELADIA implemented several other projects detailed below:

- **ADB-National Highway Development Sector Project, Consulting Services for Design Review and Construction Supervision, Package CSP-1:** The project aimed at widening and improvement of 2 lane national standard road with 7.3 m-wide pavement and 3 m-wide shoulder of the Khanozai-Zhob (N50- 255 Km), Zhob- Mughal Kot (N50- 78Km), and Qila Safiullah-Qaigum Rud (N70- 76Km). SHELADIA was part of a team led by Minconsult and conducted road safety audit during the design review and at various stages of the construction. SHELADIA also reviewed road safety features to ensure safety of road users, pedestrians and construction equipment, construction staff and construction vehicles by addressing black spots and other salient features. Further, SHELADIA reviewed all geometric features, including sub-standard curves, gradient, and sight distances.
- **ADB-NWFP Road Development Sector and Sub-Regional Connectivity Project: Detailed Design and Construction Supervision of Provincial Highway Component:** The objective of the project was to increase access of rural population in NWFP to social services and markets leading to improved livelihood and poverty reduction, enhance efficiency of road network and transport in the province and improve sub-regional cooperation and trade facilitating road transport to Afghanistan and CARS. The project involved procurement assistance and construction supervision of the 98 Km of core provincial highways. SHELADIA, as part of the team led by Roughton International, reviewed and prepared new contract documents; checked BoQ and cost estimates; Assisted prequalification, tender procedures and evaluation; Advised supervision team on setting up contract administration procedures; Provided contract administration advice during construction supervision; Assessed variations and extensions of time; Advised the Client on disputes and contractual claims.
- **ADB-Policy Reform and Institutional Strengthening of National Highway Authority (ADB-funded):** SHELADIA was contracted by the ADB to assist the National Highway Authority of Pakistan to ensure timely implementation of all components of the Road Sector Development Framework within its responsibility, and to further develop in-house capacity of NHA for network and business planning, implementation of PPP projects, road safety and for maintenance programming.

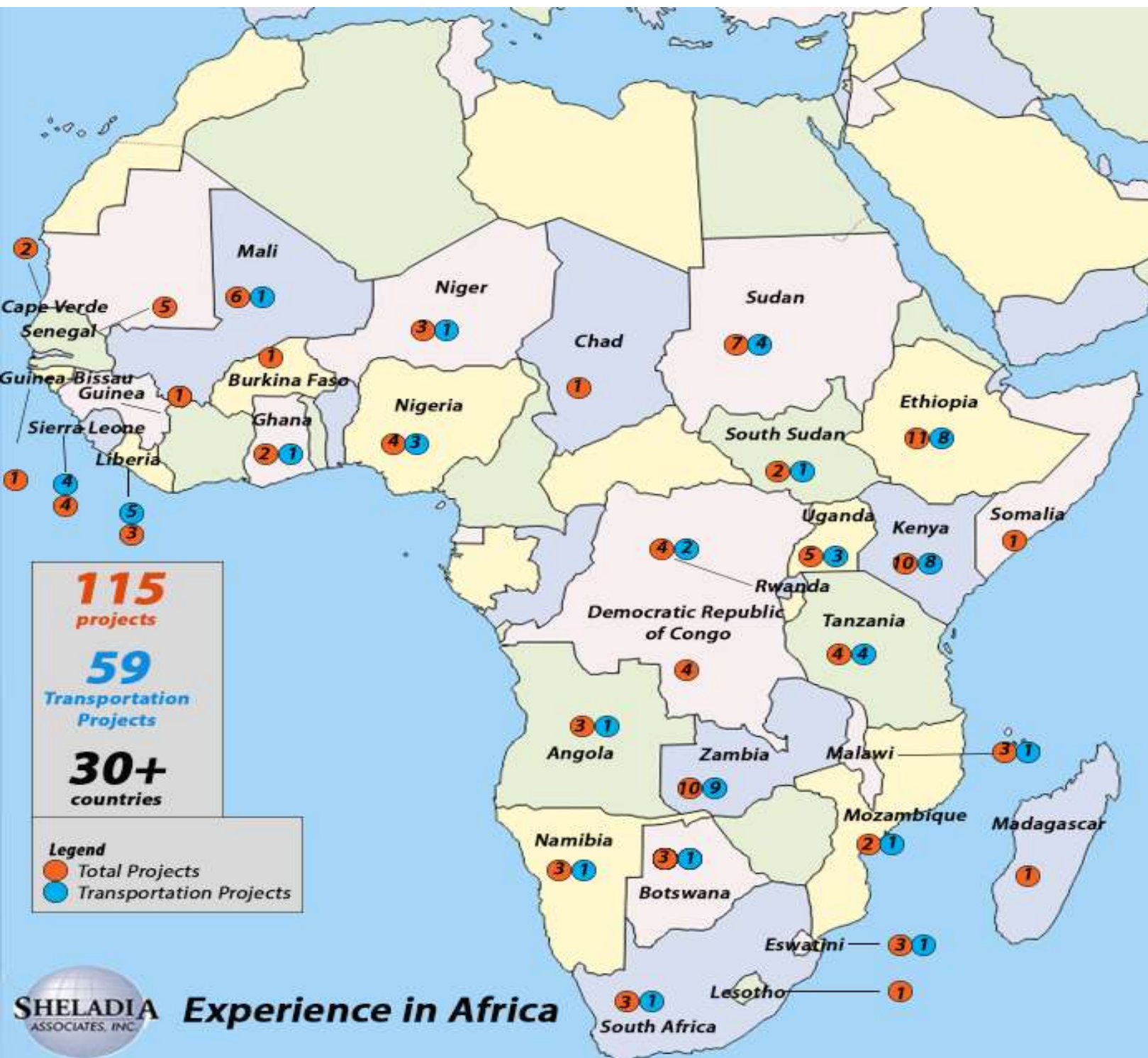




# SHELADIA

## EXPERIENCE

## AFRICA







## AFRICA

SHELADIA has been continuously implementing projects in Africa for more than three decades. These projects have involved design and supervision of roads, highways, bridges, vertical structures, WASH, Agriculture, Water resources and irrigation systems.



### KENYA

In Kenya, SHELADIA has been active for over a decade and has implemented several projects in the road and water resources management sectors.

#### TRANSPORTATION

Some of the selected projects in transportation sector in Kenya are:

- World Bank –Design Review and Construction Supervision of the Reconstruction of Lokitaung Junction – Kalobeiyei River Road (A1)** – The roadway section is part of the larger Juba-Eldoret corridor that supports interregional trade with economies of Ethiopia, Uganda, and South Sudan. SHELADIA's services included design and documentation review, construction supervision, soils and materials quality control, monitoring and managing environmental and social impacts.
- Bank- Design Review and Supervision of Works, Mau Summit – Kisumu Road (A1/B1) Contract** – This road is a major component of the USD 207m Northern Corridor Transport Improvement Project involving upgrading/ reconstruction and strengthening of a 141 Km 2 lane segment of the corridor network. The road branches off the Northern Corridor A104 at Mau Summit, runs along the national trunk road B1 through Kericho, continuing to Road A1 in Ahero and ends at the Kisumu City Airport Access road. SHELADIA conducted Data collection, review & analysis; environmental impact assessment; preparation of tender documents; construction supervision; contract administration; and project coordination.
- AfDB – Consulting Contract for Construction Supervision of Marsabit – Turbi Road (A2)** – The 121 Km road included four bridges and five culvert boxes. The road commences on the northern outskirts of Marsabit town and terminates in north of Turbi Village. It is situated in the upper part of the Easter Province of Kenya. SHELADIA undertook Contract management & administration; detailed design review of project plan; and construction supervision of the road project.



- **World Bank - Feasibility Study, Environmental and Social Impact Assessment, Preliminary and Detailed Engineering Design for Lodwar-Lokichogi-Nadapal (A1) Road** – The road is part of the Corridor 3 prioritized under the East African Community Road Network, starting from the Northern border of Tanzania at Isebania through Mukuyu, Kusumu, Kakamega, Kitale, Lodwar, Lokichogio to Nadapal and Juba (South Sudan). The road section between Lokichogio and the border town Nadapal joins the road to Juba via Kapoeta and Torit and is one of the major international/regional road links connecting Kenya to South Sudan. SHELADIA conducted a feasibility study of the road that included engineering surveys, economic

new bridges and overpasses between Mau Summit and Nyamsara. Initially, SHELADIA reviewed the detailed engineering designs that included full review of technical recommendations and designs, traffic surveys, environmental impact assessment of the construction, preparation of detailed environmental mitigation plan, bidding documents. Further, SHELADIA conducted construction and maintenance supervision of the road project.

#### AGRICULTURE AND WATER RESOURCES

- **USAID- Kenya Integrated Water, Sanitation and Hygiene (KIWASH)**- The purpose of the project was to improve the lives and health of Kenyans through development and management of sustainable water, sanitation and hygiene services. SHELADIA



evaluations, social and environmental impact, and a preliminary engineering design. Further, SHELADIA prepared a detailed engineering design and tender documents for the road project.

- **World Bank- Construction Supervision of Nyamsaria- Kisumu-Kisian Roads and Kisumu Bypass**-The project included reconstruction and rehabilitation of town roads and construction of

provided engineering and technical services that included the design, development and implementation of strategies and project work plans to increase WASH coverage in none counties, including liaison with county governments and water service providers. SHELADIA also developed and implemented all designs and construction plans for 50+ medium-scale WASH infrastructure including multiple user systems, water supply and



sanitation engineering, water supply planning, sanitation design, and construction supervision. SHELADIA also provided assistance in preparing tender documents.



## TANZANIA

In Tanzania, SHELADIA has been active since the early 2000s, providing engineering services to several road projects. Selected projects are discussed as follow:

- **AfDB - Consultancy Services for Design Review, Pre-Contract Services & Construction Supervision of Upgrading of Kalimasera- Matemanga Section (Lot B-68.2km)** – The road is a link on the Mtwara Transport corridor in Southern Tanzania. The project involved upgrading of the middle section of the road from Kalimasera to Matemanga 9. SHELADIA's services included design review, construction supervision, contract management, evaluation and monitoring of physical and financial progress of works, and monitoring of environmental protection during the project.
- **AfDB- El Nino Roads Infrastructure Repairs Project-** The project rehabilitated and repaired surface roads and culvert/bridge infrastructure damaged by the heavy rains attributed to the El Nino climatic episode. Four corridors were identified for immediate action. The Lake Corridor, the Western Corridor, the Midwest Corridor, and the Southern Corridor. The project involved a total of 2,031 Km of roads distributed among 13 road links. SHELADIA conducted a thorough review of the engineering designs; prepared tender documents; assisted with evaluation, negotiation, and award of construction contracts; and performed construction supervision and contract administration for the road project.



## ETHIOPIA

SHELADIA's engagement in Ethiopia in the transportation and agriculture/WRM sectors date back to 1990s. SHELADIA completed several projects in the country.

### TRANSPORTATION SECTOR

Selected transport projects are discussed as follow:

- **GoE- Construction Supervision of Bilalo-Kersa-Arsi-Negelle Road Project-** The road is located about 275 Km from Addis Ababa. The beginning of the road project in Bilalo town is located about 15 Km from the town of Assela on the Assela-Dodola-Goba road.



From there, the road branches off to the right towards Kersa town in the middle and joins the main Modjo-Hawassa road, 210 Km from Addis Ababa. SHELADIA is currently providing engineering services to review the design and contract documents; modify the design and prepare the environmental protection plan; and supervise the construction works and administer the contract on behalf of the Client.

- **GoE - Detailed Engineering Design & Tender Document Preparation and Construction Supervision of Zarema-Adi Arkay-Shire Road Project** – The 140 Km road is located in rolling to hilly terrain in two regional states: the Amhara and Tigray National Regional State. SHELADIA prepared detailed engineering design and tender documents; conducted construction supervision; and ensured environmentally and socially sustainable construction.
- **World Bank- Construction Supervision of Mekenajo-Dembidolo Road Upgrading Project-** The road is located in the Southwestern Welega Zone of the Oromia Regional administrative State. The road branches off at Mekenajo, 456 Km from Addis Ababa, and ends at Dembibolo town with an estimated length of 180.6 Km. SHELADIA conducted design review, construction supervision, contract administration, capacity building, and quality control for the road project.
- **GoE- Transport and Poverty Observatory-** The objective of the study was to assess the overall impact of the road investment by the Government of Ethiopia in terms of economic returns and social and environmental impacts in Ankober- Aliyu Amba (92 Km); Awash-Dofen-Kasamender (300 Km); Aposto-Wondo-Negele (267.8Km); Mekenajo-Dembidolo (150 Km). SHELADIA carried out baseline survey of the road project; monitored poverty impacts of road



project investment at local community and at household level; prepared a set of monitoring indicators; and proposed complementary public policies and modal investments expected to enhance returns to road investments and contribute to reducing poverty.

## AGRICULTURE AND WATER RESOURCES

- **Ethiopia-** SHELADIA successfully implemented the Small-Scale Irrigation and Soil Conservation project funded by the World Bank. SHELADIA developed small-scale irrigation schemes in several regions of the country. Specific activities included: institutional strengthening of national and zonal departments; strengthening of agricultural extension; establishment of conservation-based agricultural trials; bund stabilization; and the provision of support for rural women and rural income generation activities, focusing on vegetable garden and nutrition.



### RWANDA

- **World Bank - Rwanda Feeder Roads Development Project - design studies, bidding documents preparation and support to procurement of selected feeder roads** – The overall objective of the project was to enhance all season road connectivity to agricultural market centers in selected districts: Karongi, Rwamagana, Gisagara, and Nyamasheke. The project was aimed to improve 500 Km of feeder roads in the mentioned districts. The project also

involved preparing a strategy for rural access and transport mobility improvement, and institutional development and project management. SHELADIA's services included engineering survey and feasibility study, detailed engineering design, geotechnical and hydrological investigation scoping survey, ESIA, preparation of bidding documents, etc.

- **USAID – Rural Feeder Roads Improvement Program** – SHELADIA was in Parson's team for the USAID Global A&E IQC. The project involved preparation of technical designs, procurement support, and construction supervision for 1,000 Km of improved feeder roads. SHELADIA provided long term engineering services that included oversight and quality assurance for all aspects of design and construction implementation.



### UGANDA

## TRANSPORTATION SECTOR

- **World Bank-Feasibility Study, Detailed Engineering Design, Tender Assistance and Project Management for Upgrading Roads to Bituminous Standards of Lot C** – The project involved upgrading of gravel/unpaved roads to paved road standard. The road sections included: Masaka-Bukakata (36 Km), Mpigi-Maddu-Sembabule (124 Km), Mukomo-Kyetume-Katosi/ Kisogi-Nyenga (74 Km), Villa-Sambabule (48 Km), Kisubi-Nakamuka-Natete (27 Km), Nakawuka-Kasanje, Mpigi (20 Km), Nakamuka-Mawugulu-Nanzinga-





Maya (15 Km), and Kasanje-Buwaya/Lulongo (9 Km). SHELADIA's services included reviewing engineering standards, carrying-out necessary surveys and tests, economic modeling of costs and benefits, feasibility study, detailed engineering design, environmental/social impact assessments, and overall project management.

- **AfDB- Supervision and Project Audit of Works for Maintenance Regravelling of Roads in Central Uganda-** The project included regravelling of 214.2 Km of trunk roads, resealing of 55.1 Km of trunk roads, and upgrading the 20 Km Gayaza-Kalagi Road to bitumen standard. SHELADIA assisted the Client in management of the procurement process, performed construction supervision, and prepared and submitted as-built drawings.

#### AGRICULTURE AND WATER RESOURCES

- **USAID- Power Africa Uganda Electricity Supply Accelerator project-** The objective of the project is to support the Government of Uganda's (GOU) efforts to accelerate investments in cleaner energy (CE) as a means to increase electricity generation capacity and expand electricity access among rural and urban communities. SHELADIA is providing technical assistance for selected Monitoring and Evaluation activities to measure the achievement of the project objectives.



## SOUTH SUDAN

### TRANSPORTATION SECTOR

- **World Bank- Construction Supervision for the Rehabilitation Works on Selected Roads in South Sudan-** The project supported rehabilitation/maintenance of three selected roads: Magwa-Lobone (89 Km); Amadi-Tali (51 Km); and Tali-Yirol (50 Km). SHELADIA provided technical and financial supervision in order to ensure that the construction work is carried out in accordance with the contract to the satisfaction of the employer. SHELADIA also reviewed the detailed design and approved drawings from construction; ensured contractor's compliance with safeguards; provided on the site training in contract administration; and performed overall construction supervision of the road project.

### ARCHITECTURE

- **World Bank- Architecture & Engineering, MEP and Construction administration Services for the World Bank Group Office in Juba, South Sudan-** In 2017, World Bank re-opened its country office in Juba after a pro-longed period of armed conflict in South Sudan resulting in closure of the Bank's office in the country. The World Bank's corporate security recommended various upgrades for the physical security. Given the security challenges, the WB international staffs are accommodated in the same





compound where the offices are located. Hence, SHELADIA was hired to provide architecture and engineering services for the new World Bank office buildings. The land extent is about 1.79 acres and has 2 office buildings and one residential building. SHELADIA is providing Architectural and Engineering, Interior Design, Quantity Survey and Construction Administration Services.



#### SUDAN

- **World Bank – Feeder and Rural Community Access Road Development Study in the Blue Nile, South Kordofan and Kassala States**-The project was initiated to improve mobility of the rural population. The project involved preparation of feeder roads and rural community access development plan; feasibility study and detailed design of selected feeder roads and rural community access roads; design of 450 Km of feeder roads and 60 Km of rural community access roads; and environmental and social assessment of the proposed development plans. SHELADIA successfully carried out technical, social, and economic studies and prepared a comprehensive feasibility study and detailed engineering design for the road project.
- **World Bank- Detailed Engineering Design Toker - Garora Road** – The project road was part of the National Emergency Transport Rehabilitation Project to facilitate the country's economic and social recovery through improved physical access to goods, markets and social services. The 220 Km project road was located in Red Sea State and was classified as high priority. SHELADIA conducted and prepared ESIA, traffic studies, inventory and condition surveys, topographic surveys, detailed engineering design of road and structures.



#### LIBERIA

- **USAID- Feeder Roads Alternative and Maintenance Project (FRAMP)**- SHELADIA supported Cardno Emerging Markets on the USAID Feeder Roads Alternative and Maintenance Project (FRAMP). FRAMP is a four-year USAID-funded program to establish a sustainable cost-effective feeder roads network in Liberia. SHELADIA led full-

time construction supervision/oversight for up to 410 km of primary and farm-to-market roads.



#### MALI

- **USAID- Agricultural Productivity Initiative in Mali**- The project sought to improve and expand irrigated agriculture throughout Mali, and to develop and reinforce the animal feed industry in the country to increase producers' incomes so as to foster economic growth in the country. SHELADIA introduced irrigation into new lands on an environmentally sound, sustainable basis; supported water user organizations to make better use of water for agriculture; designed and implemented an M&E system for all project components; and conducted feasibility studies and oversaw studies and designs of agriculture infrastructure.
- **MCC- Mali Alatona Irrigation Project**- SHELADIA provided analysis and written assessments to support the road construction and irrigation dam construction components of the evaluation of the Mali Alatona Irrigation Project.



#### SENEGAL

- **USAID- Feed the Future Senegal KAWOLOR Project**- The five-year project will sustainably increase consumption of nutritious and safe diets and achieve: increased on-farm availability and market supply of diverse, nutritious, and safe foods; increased resilience and income for vulnerable groups; increased adoption of nutrition and care practices; and improved governance of food systems. The project is covering 2,700 villages across 129 communes in 8 regions, reaching 225,000 households and 2.2gm people. SHELADIA is in NCBA-CLUSA team and is overseeing water infrastructure activities for agriculture and local capacity building to manage domestic (potable drinking water) and agricultural water solutions.
- **USAID- YAAJEENDE Nutrition-Led Agriculture Project (Food Security)**- The 7-years project improved food security in Senegal and was a country-led, integrated project that addressed the issues of availability, access, utilization and governance of food





related resources through integrated programming in agriculture, agri-business, nutrition, and governance. SHELADIA provided technical services and leadership in the areas of irrigation, water supply and M&E.



#### NIGER AND BURKINA FASO

- **USAID- Resilience and Economic Growth in Sahel-Enhanced Resilience (REGIS-ER)**- The project increased the resilience of chronically vulnerable populations in agro-pastoral and marginal agriculture zones in Niger and Burkina Faso. SHELADIA introduced and expanded improved irrigation technologies; developed market information system; provided training of trainers on WASH technologies and promotion of services and products; assessed existing low-cost technologies for point of extraction and point of use drinking water treatment; identified local WASH best practices for scale-up and identified priority gaps; and developed M&E system.
- **USAID-Niger Food Security Program (ARZIKI)**- The project increased food production and incomes and ensured livelihood protection and health for food insecure farming households through the use of improved agricultural and livestock production technologies, increased market participation, innovative approaches to strengthening the household asset base and provision of safe drinking water. SHELADIA was in the NCBA CLUSA team and provided technical inputs in the areas of irrigation, water supply and sanitation and M&E.



#### CONGO

- **World Bank- Architectural and Engineering Services for World Bank Office in Brazzaville, Congo**- SHELADIA is providing Architectural and Engineering, Interior Design, Quantity Survey and Construction Administration Services for the **World Bank Country Office in Congo**.



#### NIGERIA

- **USAID- Water for Agriculture Project** - SHELADIA, in partnership with Catholic Relief Services, is providing third-party verification of engineering designs and Hydrological/Geotechnical services for the USAID funded Water for Agriculture project. Ensuring that the engineering designs for 27 dams, reservoirs and boreholes meet the international and local standards, as well as those of USAID, SHELADIA is helping to provide sustainable water infrastructure for the local communities to meet their horticultural and animal husbandry needs.







# **SHELADIA**

## **EXPERIENCE IN THE US**







## UNITED STATES

SHELADIA has built a robust repertoire of experience working on Facilities and Vertical Structures in the US. Our experience includes educational facilities, health facilities and hospitals, markets, and various government and private sector office and commercial buildings within the United States.

- **United States-** SHELADIA provided professional engineering services for Improvement of Pennsylvania Avenue and Minnesota Avenue, SE Intersection, District of Columbia Department of Transportation. The scope of SHELADIA's services included reconfiguring of the Pennsylvania Avenue and Minnesota Avenue, creating a consolidated and usable park space, improving multimodal connectivity and access and supporting improved land use and community needs.
- **United States-** SHELADIA offered architectural and engineering services for the District Department of Transportation (DDOT) Kennedy Street Reconstruction, from 16<sup>th</sup> Street, NW to Georgia

- Avenue, NW. SHELADIA's scope of work included improvement, possible reconfiguration, signal design and replacement, safety audit review, context sensitive design/solutions, roadway design, etc.
- **United States-** SHELADIA offered its services to Intercounty Connector Parts A&B project in Maryland, US. SHELADIA's services on Parts A & B included (in support of roadway design, structure design, hydraulic design, and other services) erosion and sediment (E&S) control, maintenance of traffic (MOT) plans, cost estimates for E&S and MOT,





utilities information, permit applications and approvals, construction management assistance, bridges, drainage facilities, landscaping, signals, lighting, pavement markings, tolling infrastructure, public relations support, and environmental compliance.

- **United States-** SHELADIA team of Architects and Engineers functioned as an integral part of Design Build consortium Dulles Transit Partners which was led by Bechtel and URS. The Dulles Corridor Metrorail Project is a 23-mile extension of Washington's existing Metrorail System. It is being built in two phases by the Metropolitan Washington Airports Authority (MWAA). SHELADIA provided Civil (Roadway, grading, SWM, Utility, Right-of-Way & Easements, and Rail Track); Structural (bridges, open cut, cut and cover, large drainage structure, culverts, box tunnel and building); Architectural (Metro stations); Construction support; Performed quality and quantity control computations; Designed riser structures, Forebay, and emergency spillway; Prepared SWM report and final SWM pond drawings with details; Prepared construction plans, specifications, and estimates; Obtained permitting and Prepared grading plans, construction plans with details of outfall and cost estimating services on this project.
- **United States** - SHELADIA Associates, Inc. was contracted to provide Third Party Plan Review Services for The MGM Resorts world-class destination Resort Casino at National Harbor in

Prince George's County. The 3M gsf, \$1.4 billion-dollar facility includes 3,600 slot machines, 140 table games, a 1,200-seat theater, and 35,000 square feet of meeting space and numerous restaurants, retail and parking for over 5000 cars. As the Third-Party Plan Review team, SHELADIA was responsible for examining and reviewing over 8000 sheets of project drawings for compliance with State and Local design/construction codes and standards for all disciplines. SHELADIA was also responsible for conducting all delegated design/shop drawing reviews for the project as required by the authority having jurisdiction. In addition, SHELADIA was responsible for all coordination with Prince George's County Department of Permitting, Inspections and Enforcement.

- **United States** - As part of The DC Water Clean River Projects, this \$157 million contract for DC Water for the design and construction of the First Street Tunnel in the Bloomingdale neighborhood of Washington, D.C.'s Ward 5. The tunnel is being constructed along 1st Street, NW from Channing Street, located within the existing McMillan Sand Filtration site, and will terminate near the intersection of Rhode Island Avenue and 1st Street, NW. As lead Civil Engineering sub consultants, SHELADIA's scope of work included Civil Engineering, MOT, Permitting and site design at all four near surface structures locations. In addition, SHELADIA's responsibilities included design of three alternate parking areas.



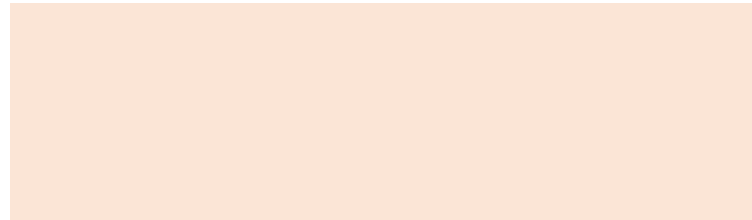


- United States** - The design for DC Water Combined Heat & Power Plant project at the World's Largest Advanced Wastewater Treatment Plant (AWTP) project serves approximately 725 square miles of DC, Maryland and Virginia and has a capacity of 370 million gallons per day. The 153-acre plant is the largest advanced wastewater treatment facility in the world. The CHP project aim to produce at least 14 MW of electric power that will supply the Blue Plains facility with nearly 30 percent of the AWTP's average power demand. This \$80 million project to construct three new buildings, a concrete pad as well as a parking and maintenance yard. SHELADIA provided civil and structural engineering services, permitting and construction management services. The civil design services consist of storm water management, site grading, road design, drainage design, curb layout, erosion and sediment control, permitting, utilities coordination and parking area configuration for the Facility.
- United States** – SHELADIA provided consulting services for DC Water's comprehensive Asset Management (AM) program. This was a comprehensive Asset Management (AM) Program in support of the Blue Horizon 2020 Strategic Plan's Goal 8, which is to "optimally manage infrastructure." The work under this contract involved assisting DC Water in the development and implementation of an asset management program to include services in the areas of program management, technology and data management, maintenance and resource management, reliability and condition assessment, and asset lifecycle management. Phase 1 of this program focusses on creating a framework for world class asset management. SHELADIA provided engineering, technical writing, graphics, communication and Asset Management Support on this project.
- United States** - WMATA Bus-1 Project is a \$70 million design-build project that involves the rehabilitation of Landover Bus Division, Western Bus Division, Northern Bus Division, Metro Supply Facility and Landover Open Material Storage Facility in accordance with the final WMATA approved design. As the Prime Design Consultant, the SHELADIA Team was responsible for all design, permits and inspections, including compliance with federal and jurisdictional requirements and codes pertaining to design and construction of the facilities.
- United States** - SHELADIA performed roadway design and post-design services for the construction

management of the I-495 HOT lanes project. The roadway design services included the design and plan preparation for the maintenance of traffic



(MOT), clearing and grubbing, erosion and sediment control, signing and pavement marking, drainage design for bridges and sound walls. SHELADIA also performed bridge design services for three bridges on the I-95 Express Lanes project.





# ASIA

# ASIA

Country		Project	Donor	Sector				Components & Services									
Afghanistan		TA to the Ministry of Public Works under USAID Road Sector Sustainability Program (Road Authority, Road Fund, Transport Institute)	USAID		✓				✓			✓		✓	✓		
Afghanistan		Design and Construction Supervision of World Bank Office - Kabul	WB					✓	✓		✓	✓	✓		✓		
Afghanistan		Design Review and Construction Supervision of Kabul - Jalalabad Road (105 km)	ADB		✓					✓	✓	✓	✓	✓	✓		
Afghanistan		Engineering Design of 185 km Yakawlang - Dera-e-Suf Road (Part of Bamayan North-South Road)	ADB		✓				✓	✓					✓		
Afghanistan		Construction Supervision - Yakawalang - Dara-i-Suf Road (184km)	ADB		✓					✓	✓	✓	✓				
Afghanistan		Health, Nutrition, and Population Needs Assessment	WB						✓	✓					✓		
Afghanistan		Capacity Building for Ministry of Health	ADB						✓	✓	✓	✓		✓	✓		
Afghanistan		Western Basins Water Resources Management Project	ADB	✓			✓		✓	✓	✓	✓	✓	✓	✓		
Afghanistan		Monitoring & Evaluation of Emergency Irrigation Project	WB	✓			✓		✓			✓	✓	✓	✓		
Afghanistan		Water Resources Strategy Development	WB	✓					✓	✓			✓	✓	✓		
Afghanistan		Road Employment Project for Refugees/Displaced Persons	ADB		✓						✓	✓	✓	✓			
Afghanistan		Emergency Infrastructure Rehabilitation & Reconstruction	ADB		✓					✓	✓	✓	✓				
Afghanistan		Preparing the Herat-Andkhoy Road Project	ADB		✓				✓	✓	✓						
Afghanistan		Road Projects Monitoring Component, Resource and Logistical Support Program	USAID		✓						✓	✓	✓		✓		
Afghanistan		Master Plan for Road Network Improvement Project	ADB		✓				✓								
Afghanistan		Road Network Improvement Project Feasibility Studies	ADB		✓				✓	✓	✓						
Afghanistan		Road Rehabilitation for Mazar e Sharif City	ADB		✓				✓	✓							
Afghanistan		Kabul-Kandahar-Spin Boldak Toll System Study	ADB		✓				✓								
Afghanistan		Qaisar-Bala Murghab Road Project	ADB		✓						✓	✓	✓	✓			
Afghanistan		Afghanistan Emergency Irrigation Project	WB	✓					✓								
Afghanistan		Afghanistan Clean Energy Program	USAID					✓	✓	✓	✓	✓		✓	✓		
Afghanistan		Preparing the Herat-Bala Murghab Road Project	ADB		✓				✓	✓	✓						
Afghanistan		Vertical Structures IQC	USAID							✓							
Afghanistan		MIDAS - Capacity Building for Ministry of Mines & Industries	USAID					✓					✓	✓	✓		



# ASIA

ASIA

Water Resources

Transportation

Agriculture/Irrigation

Energy

Other

Project Preparation

Planning/Feasibility

Preliminary/Final Design

Tender Documents

Construction Supervision/Management

Project Management

Monitoring & Evaluation

Institution Strengthening

Technical Assistance

Country		Project	Donor	Sector					Components & Services									
Afghanistan		Afghanistan Energy and Water IQC	USAID	✓			✓			✓	✓	✓	✓	✓	✓	✓	✓	
Afghanistan		Panj Amu Implementation Support Consultancy	ADB	✓							✓	✓	✓	✓	✓	✓	✓	
ASEAN		Road Safety in ASEAN	ADB		✓									✓	✓	✓	✓	
Azerbaijan		Program Management Consultant Services - Multitranche Financing Facility Second Road Network Development Investment Program	ADB		✓					✓	✓		✓	✓	✓	✓	✓	
Bangladesh		Dhaka Integrated Flood Protection Project	ADB								✓	✓	✓			✓	✓	
Bangladesh		Foodgrain Management Operations	ADB			✓					✓				✓	✓	✓	
Bangladesh		Fertilizer Distribution Improvement II	ADB			✓								✓	✓	✓	✓	
Bangladesh		Second Road Improvement Project	ADB		✓						✓	✓				✓		
Bangladesh		Third Party Monitoring and Evaluation - Coastal Embankment Improvement Project I	WB	✓		✓							✓	✓	✓	✓	✓	
Bangladesh		Design, Implementation Support and Supervision of Solar Photovoltaic Pumping for Agricultural Irrigation Project	ADB	✓		✓	✓				✓	✓	✓		✓			
Bangladesh		Rural Electrification Project	USAID				✓				✓	✓	✓	✓	✓	✓		
Bhutan		Preparing Road Network Project II	ADB		✓					✓	✓	✓					✓	
Bhutan		Road Design and Procurement Assistance	ADB		✓						✓	✓		✓				
Bhutan		Construction Supervision of Road Network Project II	ADB		✓								✓		✓	✓		
Cambodia		Consulting Services of CS2: Rural Road Asset Management (RRAM)	ADB		✓					✓						✓	✓	
Cambodia		Second Road Asset Management Project - Additional Feasibility Study	ADB		✓					✓	✓					✓	✓	
Cambodia		Genocide Memorial Access Road	ADB		✓						✓	✓	✓					
Cambodia		Road Safety Review	ADB		✓										✓	✓	✓	
Cambodia		Health Sector Support Project	ADB								✓	✓	✓	✓	✓	✓		
Cambodia		Basic Health Services Project	ADB								✓	✓	✓	✓	✓	✓		
Cambodia		Emergency Flood Rehabilitation	ADB								✓	✓	✓	✓				
Cambodia		Phnom Penh Water Supply and Drainage Project	ADB	✓							✓	✓	✓			✓		
Cambodia		Provincial Towns Improvement Project	ADB	✓							✓	✓	✓	✓		✓	✓	
Cambodia		Ketsana Emergency Reconstruction and Rehabilitation Project	WB	✓	✓					✓		✓		✓	✓	✓		



# ASIA

# ASIA

		Water Resources					Transportation					Agriculture/Irrigation					Energy					Other					Project Preparation					Planning/Feasibility					Preliminary/Final Design					Tender Documents					Construction Supervision/Management					Project Management					Monitoring & Evaluation					Institution Strengthening					Technical Assistance																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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# ASIA

Country		Project	Donor	Sector					Components & Services									
India		GVMC JNNURM Supervision, Andhra Pradesh	GOI	✓	✓								✓	✓	✓		✓	
India		Chhattisgarh/Jharkhand Road Project Preparation	ADB		✓				✓	✓						✓	✓	
India		Mumbai Urban Transport Road Maintenance Assistance	WB		✓									✓	✓	✓	✓	
India		Lakhandon-Seoni Independent Engineer,NH-7, Madhya Pradesh	GOI		✓								✓	✓	✓			
India		Delhi-Hapur BOT Pre-Bid Services, Uttar Pradesh	Pvt BOT		✓						✓	✓						
India		Chhattisgarh Capital City Roads	GOI		✓					✓	✓	✓	✓	✓	✓	✓		
India		Preparation of State Roads Project, Madhya Pradesh	WB		✓				✓									
India		Feasibility Study and Design for NH-49, Tamil Nadu	GOI		✓				✓	✓	✓	✓						
India		Detailed Report for NH-7 Widening, Andhra Pradesh	Pvt BOT		✓						✓	✓					✓	
India		Independent Services for NH-3 BOT Project, Madhya Pradesh	Pvt BOT		✓								✓	✓			✓	
India		Independent Services, NH-21/22 BOT, Punjab & Haryana	Pvt BOT		✓								✓	✓			✓	
India		Independent Services for NH-3 BOT Project, Maharashtra	Pvt BOT		✓								✓	✓			✓	
India		MP State Road Sector Development Phase II	ADB		✓								✓					
India		Design, Engineering, Finance, Construction, Operation and Maintenance of Khalgat MP/Maharashtra Border Section of NH3, Phase III	Pvt BOT		✓						✓						✓	
India		Bihar State Roads Preparation	ADB		✓						✓					✓	✓	
India		Preparing the Bihar State Highways II Project: TA 7198	ADB		✓						✓	✓			✓	✓	✓	
India		Tamil Nadu State Highways Project	WB		✓								✓	✓	✓	✓		
India		Phase II, Mizoram State Roads Project	WB		✓								✓	✓	✓	✓		
India		Rewa-Amarkantak BOT Road Project, Madhya Pradesh	Pvt BOT		✓								✓	✓	✓	✓	✓	
India		Satna-Umaria Bond BOT Road Project, Madhya Pradesh	Pvt BOT		✓								✓	✓	✓	✓	✓	
India		Kerala State Highways Project Coordination Services	WB		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	
India		Detailed Report for NH-5 Rehabilitation in Orissa	GOI		✓						✓	✓		✓		✓		
India		Detailed Report for NH-5 Rehabilitation, Andhra Pradesh	GOI		✓						✓	✓				✓		
India		Capacity Building for Social Development	ADB	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	



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Country		Project	Donor	Sector				Components & Services									
				Water Resources	Transportation	Agriculture/Irrigation	Energy	Other	Project Preparation	Planning/Feasibility	Preliminary/Final Design	Tender Documents	Const. Supervision/Mgmt	Project Management	Monitoring & Evaluation	Institution Strengthening	Technical Assistance
India		Construction Supervision for NH-5 4-Laning, Orissa	GOI		✓							✓	✓	✓	✓		
India		Construction Supervision for NH-2 4-Laning, Uttar Pradesh	WB		✓							✓	✓	✓	✓		
India		Construction Supervision for NH-5 4-Laning, Andhra Pradesh	GOI		✓							✓	✓	✓	✓		
India		Construction Supervision for State Highways, Gujarat	WB		✓							✓	✓	✓	✓		
India		Independent Engineer for NH-8 BOT in Haryana and NCR of Delhi	Pvt BOT		✓							✓	✓	✓	✓	✓	
India		Comprehensive O&M of NH-8 in Haryana and Rajasthan	GOI		✓					✓	✓	✓	✓	✓	✓	✓	
India		PPTA 7114: IND - National Capital Region Planning Board (NCRPB) Project	GOI	✓	✓			✓	✓	✓							✓
India		Feasibility Study for Redevelopment of Multimodal Transit Center at Anand Vihar - Delhi	IFC		✓				✓	✓							✓
India		TA-Bus Rapid Transit System for Naya Raipur, Chhattisgarh	Pvt BOT		✓					✓	✓				✓	✓	
India		8- lane Access Controlled Expressway ORR Phase II A from Bongulur to Tukuguda	GOI		✓					✓							
India		NHAI - Independent Engineering Consultant for Surat - Hazira Rd	GOI		✓							✓	✓				
India		TA-7252: Capacity Development to Enhance Project Readiness and Results Monitoring for Transport Projects	ADB		✓				✓	✓					✓	✓	
India		Feasibility Study for the Support of National Capital Region Planning Board (KFW)	GOI	✓	✓			✓	✓	✓							✓
India		Preparation of Feasibility-Cum-Preliminary Design for 4 Laning of Raipur-Bilaspur of NH 200, Chhattisgarh	GOI		✓					✓	✓						
India		Preparation of Detailed Project Report for Rehabilitation and Upgrading of 2 lane of Aurang-Saraipalli section of NH-6, Chhattisgarh	GOI		✓					✓	✓						
India		IE Services for 6 Laning of Pimpalgaon – Nashik – Gonde Section of NH-3 in the state of Maharashtra	GOI		✓							✓	✓				
India		Four Laning of Beawar-Pali-Pindwara Section of NH-14 in the State of Rajasthan	GOI		✓							✓	✓				
India		Four Laning of Hajipur– Muzaffarpur Section of NH-77 including Muzaffarpur Bypass connecting NH – 28i in the State of Bihar	GOI		✓					✓		✓	✓				
India		TNRSP II Construction Supervision for Road Upgradation Contracts	WB		✓							✓	✓	✓	✓		
India		Mizoram Construction Supervision, MSRP-II	WB		✓							✓	✓	✓	✓		
India		Advanced Project Preparedness for Poverty Reduction	ADB		✓				✓	✓	✓	✓					✓
India		Capacity Building for Chhattisgarh Public Works	ADB		✓				✓	✓	✓	✓					✓
India		West Bengal North South Road Corridor Project	ADB		✓				✓	✓	✓	✓					✓
India		Subregional Road Connectivity	ADB		✓				✓	✓	✓	✓					✓

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Tender Documents

Constr. Supervision/Mngmnt

Project Management

Monitoring & Evaluation

Institution Strengthening

Technical Assistance

Country		Project	Donor	Sector				Components & Services											
India		Chhattisgarh TA Services for Capacity Building	ADB		✓			✓	✓	✓	✓						✓		
India		Four laning of Indore – Jhabua - Gujarat / MP border Section of NH-59 from Km 9.500 to Km 171.100 in the State of Madhya Pradesh	Pvt BOT		✓							✓	✓	✓	✓	✓	✓		
India		Design, Engineering, Finance, Construction and Maintenance of Four-laning of Khalghat-MP/Maharashtra Border section of NH-3	Pvt BOT		✓							✓	✓	✓	✓	✓	✓		
India		Construction, Operation and Maintenance of the existing road from Km. 10.911 to Km 217.000 (approximately 206 Km on the Delhi – Uttarakhand Border Section of State Highway No – 57 in Uttar Pradesh	Pvt BOT		✓							✓	✓	✓	✓	✓	✓		
India		Project Management Consultancy services for Construction Supervision of city level roads (Phase-II) of length 60km at Naya Raipur	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Authority's Engineer for supervision of "the work of Rehabilitation and Up gradation of existing NH-222 (New NH-61) from Km 615/000 to Km 668/600 (Kalyan to Nirmal section) to two lane with paved shoulder in the State of Andhra Pradesh	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Authority's Engineer for supervision of "the work of Rehabilitation and Upgradation of NH-765 from Km 23.000 to Km 108.800 (Hyderabad to Dindi section) in the State of Andhra Pradesh through an EPC Basis	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Design and Supervision Consultancy (Road and Bridges); Uttarakhand Disaster Recovery Project funded by World Bank	WB		✓							✓	✓	✓	✓	✓	✓		
India		Authority Engineer (Package V) for Construction Supervision for Widening & Strengthening to 2-lane without paved shoulder (Package V) on EPC mode under SHDP in Orissa	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Authority Engineer (Package VI) for Construction Supervision for Widening & Strengthening to 2-lane without paved shoulder (Package V) on EPC mode under SHDP in Orissa	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Independent Engineer services during Operation & Maintenance period for (i) 4/6-laning of Hyderabad – Vijayawada Section of NH-65 on Design, Build, Finance, Operate and Transfer (Toll) basis in the State of Telangana	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Engineering Consultancy Services for Design and Construction Supervision for Expressway of 100m ROW, and Roads with 100m and 60m ROW at Naya Raipur, Chhattisgarh	GOI		✓						✓	✓	✓	✓	✓	✓	✓		
India		Authority's Engineer for the proposed High Level Bridge project over river Mahanadi at Nelson Mandela Chowk (Kacheri Chowk) in the district of Sambalpur in the State of Odisha	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Four Laning of Panikoili - Rimuli Section of NH-215 From Km 0.000 To Km 163.000 In The State Of Orissa Under NHDP Phase-III On BOT (TOLL) IN DBFOT pattern in the state of Orissa	Pvt BOT		✓							✓	✓	✓	✓	✓	✓		
India		Authority's Engineer for Supervision of the Project of Rehabilitation and Upgradation of Jharpokharia – Baripada - Baleshwar Section of NH-5 (Km 0.000 to Km 80.600) in the State of Odisha under NHDP Phase-IV on EPC mode	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Independent Engineer Services for Four Laning of Una to Kodinar of NH-8E in the State of Gujarat on Hybrid Annuity Mode under NHDP Phase-IV	GOI		✓							✓	✓	✓	✓	✓	✓		
India		Construction Supervision Consultancy Services for Supervising the TNRSP II Road Upgradation Work Contracts EPC05, EPC06 & EPC07	WB		✓							✓	✓	✓	✓	✓	✓		



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ASIA		Water Resources Transportation Agriculture/Irrigation Energy Other										Project Preparation Planning/Feasibility Preliminary/Final Design Tender Documents Construction Supervision/Mgmt Project Management Monitoring & Evaluation Institution Strengthening Technical Assistance									
Country	Project	Donor	Sector					Components & Services													
India	Independent Consultant for Mehsana - Himatnagar four laning on DBFOMT Annuity contract under GSHP-II	WB		✓								✓	✓	✓	✓	✓					
India	Feasibility Study and Detailed Project Report for 4/6 Laning of Madurai – Ramanathapuram – Rameswaram – Dhanushkodi section of NH-49	GOI		✓					✓	✓	✓	✓									
India	Advanced Project Preparedness for Poverty Reduction- West Bengal North South Road Corridor Project	ADB		✓					✓	✓	✓	✓				✓					
India	Feasibility study/Detailed Engineering for construction of a major bridge across river Godavari with approaches, missing Link, Improvements and realignment of existing road wherever necessary of NH 202 from Eturunagaram to Andhra Pradesh State Border	GOI		✓					✓	✓	✓	✓									
India	Engineering Consultancy Services for Design for Expressway of 100m ROW, and Roads with 100m and 60m ROW at Naya Raipur, Chhattisgarh	GOI		✓					✓	✓	✓	✓									
India	Detailed Engineering and Detailed Project Report for Construction of Flyover at MJ Market at Km 4/6 and Vehicle Underpasses at Gaddiannaram at Km 10/6-8, Kothapet at Km 10/8-10 & Saroor Nager at Km 11/0-2 on Hyderabad – Vijayawada Section of NH-9 and SR Sager Km 537/2-4 on Pune-Hyderabad Section of NH-9	GOI		✓					✓	✓	✓	✓									
India	Feasibility Report for 4-Laning of Raipur – Bilaspur of NH-200 in the State of Chhattisgarh.	GOI		✓					✓	✓	✓	✓									
India	Feasibility Report for Two laning with paved shoulder from Konaktara to Jharsuguda on NH-200 through Public Private Partnership (PPP) on Design, Build, Finance, Operate and Transfer (the "DBFOT") basis in the State of Orissa	GOI		✓					✓	✓	✓	✓									
India	Feasibility Report for Two laning with paved shoulder from Khurda - Nayagarh on NH-224 through Public Private Partnership (PPP) on Design, Build, Finance, Operate and Transfer (the "DBFOT") basis in the State of Orissa	GOI		✓					✓	✓	✓	✓									
India	Preparation of Feasibility Report for Two Laning of (i) Seepat - Baloda - Urga Road, (ii) Dharamjaigarh - Kharsiya Road, (III) Punjipathara – Tamnar – Lailunga Road, (IV) Bodla – Taregaon – Daldali – Mundadada Road, (V) Urga – Hati Road (Total Length 234.6 Km)	GOI		✓					✓	✓	✓	✓									
India	Detailed Project Report, for Widening from existing Single Lane to Double lane for the roads in Medak District in Telangana State (Package -IV). Project Length: 576 Kms)	GOI		✓					✓	✓	✓	✓									
India	Preparation of Detailed Feasibility and Detailed Project Report for the work of Four laning of missing link i.e., 5 Kms connecting NH-9 (1.4kms) with NH 5 (3.6kms) from Kanakadurgamma Varadhi to Bhavanipuram in Krishna District in the state of Andhra Pradesh	GOI		✓					✓	✓	✓	✓									
India	Detailed Feasibility and Detailed Project Report for the work of Four laning of missing link i.e., 5 Kms connecting NH-9 (1.4kms) with NH 5 (3.6kms) from Kanakadurgamma Varadhi to Bhavanipuram in Krishna District in the state of Andhra Pradesh	GOI		✓					✓	✓	✓	✓									
India	Consultancy Services for preparation of Detailed Design for the Miryalaguda Flyover (Length 320.8m) at Km 61+100 in Narketpalli – Addanki Section of SH-2.	GOI		✓					✓	✓	✓	✓									
India	Project Management Phase-I including preparation of Detailed Project Report for up gradation of Bhavnagar–Songarh–Gadhada-Botad-Limdi section of NH-51 in the State of Gujarat to 2/4-lane with paved shoulder configuration (Package no: NH/IAHE/20). (Total Length: 170 Kms)	GOI		✓					✓	✓	✓	✓									
India	Feasibility cum Detailed Project Report for SASEC Road Sector project subproject component of upgradation of NH-39 (110 Kms) from Imphal to Moreh) State Road of 66 Kms from Wangzing to Khuthangthabi	GOI		✓					✓	✓	✓	✓				✓					

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Country	Project	Donor	Sector				Components & Services									
India	Advanced Project Preparedness for Poverty Reduction- West Bengal North South Road Corridor Project – ADB TA 8007. Total Length 270 Km	ADB		✓			✓	✓	✓	✓						✓
India	Project Preparation Consultancy Services for preparation of Detailed Project Report (DPR) for various road improvement works Under Tamil Nadu Road Sector Project – II (TNRSP II): Contract PPC02	WB		✓			✓	✓	✓	✓						✓
Indonesia	Feasibility Study and Preliminary Design of Kalimantan Road Project	ADB		✓			✓	✓	✓	✓						✓
Indonesia	Earthquake/Tsunami Support Implementation Consultant	ADB		✓					✓	✓	✓	✓	✓	✓	✓	✓
Indonesia	Aceh Road/Bridge Reconstruction Project	USAID		✓					✓	✓	✓		✓	✓		
Indonesia	Community Water Services and Health, Aceh-Nias N. Sumatra	ADB	✓						✓	✓	✓	✓	✓	✓	✓	✓
Indonesia	Private Participation in Urban Services	USAID	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Indonesia	Participatory Irrigation Management Assistance	WB	✓			✓			✓	✓	✓	✓	✓	✓	✓	✓
Indonesia	Water Resources and Irrigation Sector Management, CSP 1	WB	✓			✓			✓	✓			✓	✓	✓	✓
Indonesia	Definitive Mission for Automotive Parts/Components	USDOS		✓					✓							✓
Indonesia	Farmer-Managed Irrigation System Project	ADB				✓			✓	✓	✓	✓	✓	✓	✓	✓
Indonesia	Resettlement Management in Road Projects	ADB		✓										✓	✓	
Indonesia	Resettlement Management in Water Projects	ADB	✓			✓								✓	✓	
Indonesia	Environmental Protection & Natural Resource Management	UNDP						✓	✓			✓	✓			✓
Indonesia	Water Resources and Irrigation Sector Management Program II (WISMPPII) - PIP	ADB	✓			✓			✓							✓
Indonesia	Project Implementation Consultants, Roads and Bridges Sector, Earthquake and Tsunami Support Project (ETESP)- I Aceh & North Sumatra	ADB		✓					✓	✓	✓	✓		✓	✓	✓
Indonesia	Project Implementation Consultants, Roads and Bridges Sector, Earthquake and Tsunami Support Project (ETESP)- II Aceh & North Sumatra	ADB		✓					✓	✓	✓	✓		✓	✓	✓
Kazakhstan	Study on Market Reform in the Agriculture Sector	ADB	✓			✓							✓	✓	✓	✓
Kyrgyzstan	Kyrgyzstan Confidence Building Initiative (KRCBI)	USAID				✓			✓					✓	✓	✓
Kyrgyzstan	Technical Assistance for Preparation and Design of Bishkek Northern Bypass Project	ADB		✓					✓	✓				✓	✓	✓
Laos	Nam Theun II Nakai Plateau Resettlement Monitoring	WB						✓				✓	✓	✓		✓
Laos	Nam Theun II Downstream Livelihood Development	WB	✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Laos	Road Safety Audit for Road 8	ADB		✓									✓	✓	✓	✓
Laos	World Bank Group Office Building	WB							✓	✓	✓	✓	✓			✓



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Laos		Vientiane Water Supply System Rehabilitation	ADB	✓					✓									
Malaysia		North-South Expressway Pavement Review	Pvt		✓					✓		✓		✓				
Malaysia		Energy for Water Pumping	USAID	✓				✓		✓				✓	✓	✓		
Maldives		Tsunami Emergency Assistance - Agriculture Component	ADB			✓			✓	✓			✓	✓	✓	✓		
Mongolia		Policy Support in the Road Sector Project	ADB		✓				✓						✓	✓		
Mongolia		Economic Analysis and Evaluation of the North-South Road Project in Mongolia	MCC		✓									✓				
Nepal		Irrigation Management Transfer Project	WB	✓		✓							✓	✓	✓	✓		
Nepal		Water Supply and Sewerage Management Support	WB	✓					✓	✓	✓	✓	✓	✓	✓	✓		
Nepal		Rapti Rural Development, Phase II	USAID			✓			✓	✓			✓				✓	
Nepal		Institutional Strengthening for Road Asset Management	ADB		✓										✓	✓		
Nepal		Biogas Energy Development	USAID					✓	✓								✓	
Pakistan		Embassy Improvement	USAID									✓						
Pakistan		On-Farm Water Management II	USAID			✓				✓	✓	✓	✓	✓	✓	✓		
Pakistan		On-Farm Water Management III	WB			✓					✓		✓	✓	✓	✓		
Pakistan		NWFP On-Farm Water Management Project	WB			✓			✓	✓							✓	
Pakistan		NWFP Road Development Sector Engineering	ADB		✓					✓	✓	✓					✓	
Pakistan		National Highway Development, Package CSP-1	ADB		✓					✓		✓		✓				
Pakistan		NWFP Road Development Sector Technical Assistance	ADB		✓								✓	✓	✓	✓		
Pakistan		Second Rural Access Roads Project	ADB		✓				✓	✓	✓	✓		✓	✓	✓		
Pakistan		Canal Roads Feasibility Study	USAID		✓					✓		✓						
Pakistan		Bahawalpur Division Area Development Project	ADB	✓	✓	✓	✓	✓	✓					✓	✓	✓		
Pakistan		Irrigation Drainage Study	USAID			✓			✓	✓				✓			✓	
Pakistan		Pat Feeder Command Area Development Project	ADB			✓			✓	✓	✓	✓	✓	✓	✓	✓		
Pakistan		Chashma Right Bank Canal Project	ADB	✓		✓			✓					✓	✓			

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Country		Project	Donor	Sector					Components & Services									
Pakistan		FATA Livelihoods Development Program	USAID		✓	✓			✓	✓	✓	✓	✓				✓	
Pakistan		Ranolia Mini 17 MW Hydro Power, NWFP	ADB				✓			✓	✓	✓						
Pakistan		Waste To Energy Study - Karachi	USTDA				✓			✓								
Pakistan		Policy Reforms & Institutional Strengthening of National Highways Authority	ADB		✓										✓		✓	
Pakistan		Feasibility Study and Design of 232MW Hydropower Project in Chitral	ADB				✓			✓								
Philippines		Due Diligence and Implementation Oversight - Transportation and Vertical Structures Infrastructure Consulting Services	MCC	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	
Philippines		ADB Drinking Water Projects	ADB	✓													✓	
Philippines		Barangay Water Supply II	USAID	✓						✓	✓	✓	✓	✓	✓	✓	✓	
Philippines		Island Provinces Water Supply	ADB	✓													✓	
Philippines		Rural Water Supply Development Project	USAID	✓						✓					✓		✓	
Regional		South Asia Regional Initiative for Energy - I and II	USAID				✓						✓	✓	✓	✓		
Sri Lanka		Southern Transport Development Safety Review	ADB		✓									✓	✓	✓		
Sri Lanka		Embassy Improvement	USDOS								✓							
Sri Lanka		Puttalam Relay Station	USDOS								✓	✓						
Sri Lanka		Voice of America Stations - Chilaw Relay Station	USDOS								✓	✓						
Sri Lanka		Irrigation Systems Management Project	USAID			✓					✓	✓	✓	✓	✓	✓	✓	
Sri Lanka		Finalization of Economic Assessment - Sri Lanka Road Project	ADB		✓						✓				✓		✓	
Sri Lanka		Port Access Elevated Highway Project	ADB		✓							✓	✓	✓	✓	✓		
Uzbekistan		Project Preparatory Technical Assistance for CAREC 3 Road Investment Program	ADB		✓				✓	✓		✓			✓		✓	
Uzbekistan		Monitoring and Evaluation for the Ferghana Valley Water Resources Management Phase-I Project	WB	✓		✓								✓	✓	✓		
Uzbekistan		Irrigation and Water Resources Management Ferghana Valley Phase-II Project	WB	✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	
Uzbekistan		Upscaling Integrated Water Resources for World Bank funded Rural Enterprise Support Project - Phase 2	Siwss	✓		✓					✓	✓	✓	✓	✓	✓	✓	
Uzbekistan		Upcaling Integrated water Resources for ADB funded Waster Resources Management Support Project	Swiss	✓		✓					✓	✓	✓	✓	✓	✓	✓	
Uzbekistan		Project Management, Procurement, Construction Supervision and Capacity Building for "Amu-Bukhara Irrigation System Rehabilitation"	ADB	✓								✓	✓	✓	✓	✓		



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Country		Project	Donor	Sector				Components & Services										
Viet Nam		Preparing Health Care in South Central Coast Region Project	WB															
Viet Nam		Building Renovation Evaluation	WB															
Viet Nam		Road Safety Corridors Monitoring & Evaluation	WB															
Viet Nam		Road Safety Improvement Project Phase 2	WB															
Viet Nam		Ho Chi Minh City Road Safety Review	UN															

# AFRICA

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			Water Resources	Transportation	Agriculture/Irrigation	Energy	Other	Project Preparation	Planning/Feasibility	Preliminary/Final Design	Tender Documents	Constr. Supervision/Mngmnt	Project Management	Monitoring & Evaluation	Institution Strengthening	Technical Assistance
Country	Project	Donor	Sector					Components & Services								
Africa & Middle East	A&E Services for AFRICOM 2 - USACE Europe	USDOD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓
Burkina Faso and Niger	Resilience and Economic Growth in the Sahel Project (REGIS ER)	USAID	✓		✓				✓		✓		✓	✓		✓
Cape Verde	Economic Analysis and Evaluation Services of the Roads and Bridges Activity in Cabo Verde	MCC		✓								✓				
Cape Verde	Watershed Development Project	USAID	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓
Cape Verde	Preparation of Master Plans for 3 Municipalities	WB							✓							✓
Chad	Commodities Procurement	USAID		✓								✓				
Chad	Embassies Security Improvement	USDOS								✓						✓
Chad	Strengthening Road Maintenance in Chad Project	USAID		✓									✓			
Congo (Dem. Rep.)	Small Decentralized Hydro Power Projects	USAID				✓			✓							✓
Congo (Dem. Rep.)	Embassy Improvement	USDOS								✓						✓
Congo (Rep.)	Embassy Improvement	USDOS								✓						✓
Congo (Rep.)	A&E Services for the World Bank Country Office, Brazzaville	WB							✓	✓	✓	✓				✓
Egypt	Development of Health Facilities, Menofia Governorate	WB								✓	✓	✓	✓	✓	✓	
Egypt	Alexandria Water & Wastewater Project	USAID	✓							✓		✓		✓		✓
Egypt	Greater Cairo Water & Wastewater Improvement	USAID	✓								✓		✓	✓	✓	✓
Egypt	Canal Cities Water & Wastewater, Phase II	USAID	✓							✓	✓		✓	✓	✓	✓
Egypt	Professional Development: National Irrigation Institute	USAID			✓				✓			✓	✓	✓	✓	✓
Egypt	Commodities Procurement	USAID	✓									✓				✓
Egypt	Cairo Water Supply II	USAID	✓								✓	✓	✓	✓	✓	✓
Ethiopia	Construction Supervision of Mekenajo - Ayra Road	WB		✓							✓					
Ethiopia	Monitoring & Evaluation Services, Ag Support Program	AfDB	✓		✓				✓				✓	✓		✓
Ethiopia	Small-Scale Irrigation and Soil Conservation	WB			✓							✓	✓	✓		✓
Ethiopia	Gondar-Humera Road Upgrading Project	GOE		✓					✓	✓				✓	✓	✓
Ethiopia	Gewane-Mille Road Rehabilitation Project	WB		✓							✓					



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Water Resources	Transportation	Agriculture/Irrigation	Energy	Other	Project Preparation	Planning/Feasibility	Preliminary/Final Design	Tender Documents	Constr. Supervision/Mngmnt	Project Management	Monitoring & Evaluation	Institution Strengthening	Technical Assistance
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# AFRICA

Country		Project	Donor	Sector					Components & Services									
Tunisia		USAID Building Improvement	USAID					✓				✓	✓					
Uganda		Uganda Power Africa Clean Energy IQC Task Order	USAID				✓							✓			✓	
Uganda		Health Sector Study & Hospital Rehabilitation	AfDB					✓		✓	✓	✓						
Uganda		Maintenance Regravelling of Roads in Central Uganda	AfDB		✓							✓						
Uganda		Road Sector Institutional Support TA, Team 4	WB		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Uganda		Upgrading Roads – Lot C - Masaka-Bukakata, Mpigi-Maddu-Sembabule, Mukono-Kyetume-Katosi/Kisoga-Nyenga and Villa Maria-Ssembabule	WB		✓					✓	✓	✓		✓		✓	✓	
Zambia		Chiawa Crossing on the Kafue River	WB		✓						✓	✓	✓					
Zambia		Mid-Term Review of Road Rehabilitation Project	WB		✓									✓				
Zambia		Kafue-Lusaka Road Improvement Project	USAID		✓						✓	✓	✓			✓	✓	
Zambia		Choma-Namwala Road Reconstruction Project	GOZ		✓				✓			✓	✓					
Zambia		Choma-Chittongo Road Rehabilitation Project	GOZ		✓					✓	✓	✓	✓					
Zambia		Chittongo-Namwala Road Rehabilitation Project	GOZ		✓					✓	✓	✓	✓					
Zambia		Great North & Great East Road Rehabilitation Project	GOZ		✓					✓	✓	✓	✓					
Zambia		District Centers Water and Sewerage Rehabilitation	AfDB	✓							✓	✓	✓	✓	✓	✓	✓	✓
Zambia		Contract for Consulting Services for the Mid term Review of the Road Sector Investment Program - Phase II (ROADSIP II)	WB		✓			✓	✓	✓					✓	✓		
Zimbabwe		Evaluation of National Railways of Zimbabwe	USAID		✓										✓			



# MIDDLE EAST

MIDDLE EAST

Country		Project	Donor	Sector					Components & Services									
				Water Resources	Transportation	Agriculture/Irrigation	Energy	Other	Project Preparation	Planning/Feasibility	Preliminary/Final Design	Tender Documents	Constr. Supervision/Mngmnt	Project Management	Monitoring & Evaluation	Institution Strengthening	Technical Assistance	
Kuwait		Embassy Security Improvement	USAID					✓		✓	✓	✓						
Saudi Arabia		Embassy Security Improvement	USAID					✓				✓						
Syria		Environmental Policy for Sustainable Development	UNDP					✓	✓	✓	✓		✓	✓			✓	
West Bank / Gaza		USAID West Bank Gaza Architecture and Engineering Services Indefinite Delivery Indefinite Quantity Contract (IDIQC)	USAID		✓				✓	✓		✓	✓					
Yemen		Earthquake Rehabilitation and Reconstruction	UNDP					✓		✓	✓							
Yemen		Water Resources Planning and Management	USAID	✓		✓		✓	✓				✓		✓		✓	
Yemen		Community-Based Sustainable Development Project	USAID			✓								✓			✓	

Water Resources	Transportation	Agriculture/Irrigation	Energy	Other	Project Preparation	Planning/Feasibility	Preliminary/Final Design	Tender Documents	Const. Supervision/Mgmt	Project Management	Monitoring & Evaluation	Institution Strengthening	Technical Assistance
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# WORLDWIDE

WORLDWIDE

Water Resources

Transportation

Agriculture/Irrigation

Energy

Other

Project Preparation

Planning/Feasibility

Preliminary/Final Design

Tender Documents

Constr. Supervision/Mgmt

Project Management

Monitoring & Evaluation

Institution Strengthening

Technical Assistance

Country	Project	Donor	Sector					Components & Services									
All - Worldwide	Global Architect-Engineer Infrastructure Services – Indefinite Quantity Contract	USAID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
All - Worldwide	General A-E and Construction Management Services throughout the Middle East District's Area of Responsibility (AOR) CENTCOM	USDOD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
All - Worldwide	MCC Independent Engineering IQC	MCC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
All - Worldwide	Support Which Implements USAID Fast Transitions III (SWIFT III)	USAID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
All - Worldwide	Support Which Implements USAID Fast Transitions IV (SWIFT IV)	USAID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
All - Worldwide	Programming Effectively Against Conflict and Extremism (PEACE)	USAID										✓	✓	✓	✓	✓	✓
All - Worldwide	Health Planning, Water and Sanitation	USAID	✓									✓	✓	✓	✓	✓	✓
All - Worldwide	Review of Specifications for Procurement	USAID	✓	✓	✓	✓	✓	✓									✓
All - Worldwide	IQC for Procurement Services	USAID	✓	✓	✓	✓	✓	✓			✓				✓		
All - Worldwide	IQC for Energy Project Design	USAID					✓					✓	✓	✓	✓	✓	✓
All - Worldwide	Handbook for Sanitation in Low Income Communities	WB	✓							✓				✓			
All - Worldwide	Perimeter Security Improvments-Construction Management	USDOS								✓	✓	✓					
All - Worldwide	Livelihoods Resource Center	DFID	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
All - Worldwide	Sustainable Urban Management	USAID	✓	✓			✓	✓				✓	✓	✓	✓	✓	✓
All - Worldwide	Sustainable Urban Management II	USAID	✓	✓			✓	✓				✓	✓	✓	✓	✓	✓
All - Worldwide	Project Development, Engineering, and Management	MCC	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓
All - Worldwide	Highway Policy Analysis Support	FHWA		✓										✓	✓	✓	✓
All - Worldwide	CTRIC 2 IQC	USDOD								✓	✓	✓	✓	✓	✓	✓	✓
All - Worldwide	Clean Energy IQC	USAID					✓	✓			✓	✓	✓	✓	✓	✓	✓
Africa	AFRICOM - 2 A&E Services	USDOD	✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	✓
All - Worldwide	IQC for Transportation Engineering Services	USAID		✓									✓	✓	✓	✓	✓