

ASSOCIATED CONSULTANCY CENTRE (PVT.) LTD

EXPERIENCE OF THE FIRM IN THE FIELD OF FEASIBILITY STUDY, DESIGN, PROJECT MANAGEMENT & SUPERVISION

A. Feasibility Study
 B. Project Planning, Tech Studies
 C. Preliminary/Detailed Design

D. Tender Documents
 E. Supervision QC/QA/IE
 F. Design Review

G. Permanent Staff Individual Consultancy (IC)
 H. ESIA, ESMP, RAP

I. Third Party Validation, Post Project Evaluation
 J. Role, Lead firm, JV, IC

Prj. No.	Project Name	Project Description	Name of Client & Country of Assignment	Role - Services Provided	Implementation		Approx. Contract Value/ Amount Paid to Firm US\$	Project Cost US\$ Millions
					Start	Completion		
180	Independent Engineer for Sialkot (Sambrial) – Kharian Motorway Project (Build, Operate and Transfer Basis).	The subject motorway (Sambrial to Kharian) originates from end of Lahore – Sialkot Motorway (LSM) at Sambrial city and terminates at closest feasible North of Kharian city. The total length of the motorway was approximately 67 kms. The proposed motorway was parallel to the N-5 between Sambrial and JalalpurJattan. Construction of a bridge over Chenab River was required to provide the link between Sambrial and Jalalpur Jattan. The subject motorway was connected with the Rawalpindi Kharian Motorway Project and provided a shorter route from Rawalpindi to Lahore.	Sailkot Kharian Infrastructure Management (Pvt) Ltd. (SKIM), # 509 R.A Bazar Kashmir Road Rawalpindi and National Highway Authority MOC, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	E, F	Jun-22	Jun-24	890,420	130.00
179	JICA FY 2021 Ex-post Evaluation of ODA Projects Package IV-2	The flood of Indus Basin System in 2010 brought severe disasters in KP Province. Government of Pakistan requested an ODA Loan Project “Khyber Pakhtunkhwa Emergency Rural Road Rehabilitation Project (PK-P62) from Japan. To restore and improve traffic in the flood-stricken areas of KP project through rehabilitating damaged road and bridges thereby contribution to prompt restoration of economic and social activities and reducing poverty of the rural areas of the Province, as well as redressing regional economic disparities. Reconstruction and rehabilitation work was done in Mardan, Charsadda, Peshawar, D.I. Khan, Buner, Swabi, Haripur, Chitral, Nowshera, Malakand, Dir Upper, Battagram, Mansehra, Shangla and Bannua districts. Total Provincial road were 3 sub projects, total 101 Km, District road: 77 sub projects total 427 km, Bridges 10 sub projects total 670m. JICA's Evaluation Department, in principle, conducted ex-post	Global Group 21, Japan, Inc. (GG21) 1-9-7-607 Higashhigotanda, Shinagawa, Tokoya Japan Consultants of JICA Pakistan	Lead - I	Mar-22	Nov-22	25,615	107.00

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		evaluation of JICA projects costing 1 billion yen or more, and other projects that were considered to provide valuable information, in two or three years after project completion.						
178	Design Review and Construction Supervision for Rehabilitation and Upgradation of 54.80 Km Awaran-Jhaljao Road	Awaran - Jhaljao road is presently a two lane road of length 54.8 Kms and width 5 - 6m with TST, and is in poor condition. It connects N-25 at Bela on one end, and towards the west, it continues up to Hoshab and connects N-85. Objective of the project is to enhance mobility from Awaran to Jhaljao as the road plays a vital role for the development of the deprived population of Balochistan. The project will improve access to the area, reduce the travel times and contribute towards improving the overall socio-economic development.	National Highway Authority, M/o Communications, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	JV - E, F	Jun-22	Oct-24	544,000	20.00
177	Design Review and Construction Supervision for Central Asia Regional Economic Cooperation Corridor Development Investment Program (CAREC) Tranche-II and Tranche-III Projects, ADB Loan No.4099-PAK	The CAREC road network corridor 5 and 6 will connect Pakistan in the North to China and West through Afghanistan respectively. Asian Development Bank lately designated N-55 section between Peshawar to DI Khan as an important CAREC Link other than corridor 5 and 6. The N-55 from Peshawar to Hyderabad is 1,264 km in length. On the right bank of river Indus, it is the shortest North-South route between Peshawar and Karachi. Government of Pakistan, realizing its importance, is already working on the Improvement and Dualization of this Road in various sections. In continuation of this process the following sections of N-55 are being undertaken for improvement and dualization.: <ul style="list-style-type: none"> ➤ Indus Highway N-55 Additional Carriageway (Shikarpur-Rajanpur section) (PKG-1) 221.95 Km ➤ Construction of Rajanpur – DG Khan section as 4 Lane Highway of N-55 (PKG-2) 121.5 Km ➤ Dualization and Rehabilitation of DG Khan - DI Khan of N-55 (PKG-3) 208 Kms 	National Highway Authority, M/o Communications, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	JV – B, E, F, H	Apr-22	Apr-25	8,289,000	150.00

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176	Consultancy Services for Design Review and Construction Supervision of Nokundi - Mashkhel Road (103 Km)	NHA has planned to connect Mashkhel (a town which is 30 Km away from Iran border located in District Washuk) with National Highway N-40 at Nokundi. The purpose of the proposed project is to develop a road link which will ultimately provide a connection with Iran, so that China Pakistan Economic Corridor (CPEC) is taken into account. The proposed road would also be future part of CPEC program. The proposed alignment would be a strategic route as it may be connected in future with M-8 at Panjgur going to Gwadar Sea Port. The project aims to develop a two (2) lane, 103-kilometer-long highway primarily. The area is comprised of alluvial fans / piedmont, and non fractured, low land/valley floor. The area is mainly comprised of largest seasonal desert lake namely Human-e-Mashkel approximately 85 km long and 35 km wide.	National Highway Authority, M/o Communications, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – B, E, F	Aug-21	Dec-23	663,000	70.00
175	Consultancy Services for Design Review and Construction Supervision of Ziarat Mor-Kach-Harnai Road (107.2km) Harnai Sanjavi Road (55.1km)	Construction of Ziarat Mor Kach Harnai Road (107.2 km) and from Harnai to Sanjavi (55.1 Km) connects Balochistan to Punjab. Both the existing roads are passing through hilly and rolling terrain under jurisdiction of the Balochistan Government. The project scope is to rehabilitate, improve the geometry and widen existing carriageway from around 4-6m wide carriageway to 6.1m carriageway with 1.5 meter shoulders.	National Highway Authority, MOC, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – B, E, F	Aug-21	Aug-24	1,765,300	94.00
174	Consultancy Services for Feasibility Study and Detailed Design of Dunyapur Interchange on N-5A	National Highway (N-5) originates from Khanewal in Punjab Souh after passing through Dunyapur city it terminates at Lodhran on N-5 and N-5A Junction. N-5A also links with motorway M-4 through N-5 at Shamkot Interchange. The Feasibility Study and Detailed Design for Dunyapur Interchange on N-5A is a major initiative required to improve this section of N-5A. The project consists of four 3.65 m lanes with inner shoulder 1.0m, outer shoulder 2.5m+0.5m rounding having design speed 100/80/60 K/hr	National Highway Authority, MOC, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,C,D,H	Aug-21	Nov-21	55,000	12.00

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173	Consultancy Services for Design Review and Construction Supervision of Lodhran- Multan Section (North Bound 621 Km of N-5 & Construction of Flyovers (02 Nos.) at Railway Crossing on Lodhran Multan Bypass.	The project is located in District Lodhran and Multan of Punjab Province. Lodhran - Multan Section (N-5) starts from Lodhran (chowk permit) and ends at Multan (Bahawalpur City). The project envisages reconstruction of 2 lane Northbound carriageway section of N-5 from Lodhran (chowk permit) to Multan (Bahawalpur Chowk) measuring 62 km in length. The existing level difference between the North and Southbound carriageways has resulted in drainage, water logging and road safety issues, therefore, NHA plans to reconstruct the Northbound carriageway to bring to the same level as the 2 lane Southbound carriageway. No work will be carried out on the Southbound carriageway. The scope of work includes construction of two flyovers at railway crossing on Lodhran Bypass, provision of two interchanges at Super Chowk and one interchange at Bahawalpur Chowk Multan, 04 minor bridges, reconstruction / widening of culverts and urban area improvement at Basti Malook Multan City and Larr Town. The scope of work also includes 25.269 km of merging lanes (slip lanes) for connecting local roads, 9.12 km of U-turns with storage lanes, 8.911 km of service roads in urban areas with transition lanes and 1.94 km length of road having 8 lanes for a Toll Plaza.	National Highway Authority, Ministry of Communications, Government of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	JV -E,F,H	Jul-21	Nov-23	742,000	66.00
172	Consultancy Services for Road Condition Surveys and HDM Analysis for Preparation of AMP 2020-21, 2021-22 & 2022-23.	National Highway Authority has the mandate for planning, construction, maintenance and operations of National Highway and Motorway Network. To fulfill these duties assigned under the NHA Act, Road Maintenance Account (RMA) has been created to provide road users with a well-maintained, safe and efficiently operated road network. RMA is financed by road user revenues and other earmarked sources to ensure a stable and secure source of maintenance and operations funding. NHA has established Road Asset Management Division (RAMD) to cope with the requirements of fee-for-service / value-for-money	National Highway Authority, M/o Communications, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	JV - A,B,C	Jul-21	Jan-24	542,000	100.00

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		concept embodied as the guiding principle of RMA. NHA engaged Consultants with relevant expertise for collecting road condition/roughness data and undertaking requisite surveys to prepare the Annual Maintenance Plan for three years i.e. FY 2020-21, 2021-22 and 2022-23. Tentative length of national highways, motorways and strategic highways for which data was collected and surveyed is 12,000 km.						
171	Consultancy Services for Feasibility Study, Detailed Engineering Design and Commercial Cum Financial Feasibility Study on PPP Modalities of Construction of Expressway from Baba Seri District Buner to Katlung Interchange Swat Expressway – Component of ADP Scheme No.992 /[1700] 200245	The provincial Government of Khyber Pakhtunkhwa (KPK) is planning to upgrade its infrastructure and build new highways. Buner Expressway having total length 35 Km is one of the major projects announced by the Government. The alignment of Buner Expressway (35 Km) starts from East of Shahbaz Garhi on Swat Motorway and terminated near Ambela on Pir Baba Sowari road. After providing link with Swat Expressway, Buner would be on the path of development. The proposed expressway will provide safe and efficient corridor for commuters travelling to the Northern areas, and will facilitate regular travelers and also the tourists traveling to Swat and other attraction within the vicinity.	Pakhtunkhwa Highway Authority (PKHA), Government of Khyber Pakhtunkhwa, Peshawar Pakistan	JV - A,B,C,D,H	Jun-21	Oct-21	663,000	50.00
170	Consultancy Services for Feasibility (Technical + Commercial) Study and Detailed Design for Dualization and Rehabilitation of Karachi-Quetta-Chaman Road (790 Km) on Build-Operate Transfer (BOT) basis under Public Private Partnership (PPP) Modality	National Highway N-25 Karachi-Quetta-Chaman connects Karachi (seaport) with Quetta the capital of Baluchistan and provides access to Afghanistan via Chaman. The total length of the route is 813 Km. N-25 also links Karachi with Taftan on the Iranian border via N-40 branching off near Lakpass and therefore, serves as a vital link for trade with Iran and beyond on the one hand and Afghanistan and Central Asian States on the other. The project includes technical and commercial feasibility studies for Construction of additional carriageway and rehabilitation of existing road of 790 KMs (where required) to make it a 4-lane	National Highway Authority, MOC, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,B, C,D,H	Feb-21	Jul-21	240,000	1000.0

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		divided carriageway on PPP basis. The Consultant is responsible to carry out the commercial feasibility study for the whole Karachi-Quetta-Chaman stretch of N-25. Detailed engineering design of the 350 km Hub-Uthal-Bela Kararo-Khuzdar Section was carried out.						
169	Consultancy Services for Detailed Design for Construction of Road from Dalbandin to Ziarat Blanosh (77Km) District Chaghi	The road from Dalbandin-Ziarat Blanosh (77km) is a provincial road under jurisdiction of Government of Baluchistan and is being maintained by C&W Department Baluchistan. The project envisages improvement, widening and Construction of existing road from Dalbandin to Ziarat Blanosh about 77 kms as per NHA Standards having 7.3m width alongwith 2.0m shoulder on each side with 2-Lane facility to cater for the requirement of traffic plying between Dalbandin and Ziarat Blanosh. The project takes off from Dalbandin Bypass at Chaghi Chowk and ends at Ziarat. Blanosh traverses Girdh Jungle, Dasht Yoran, Nadarabad & Tehsil Chaghi etc. The road has been divided in two sections: Section 1: Dalbandin to Tehsil Chaghi (60 km) Section 2: Tehsil Chaghi to Ziarat Blanosh (17 km in west from Tehsil Chaghi) including Chaghi Bypass.	National Highway Authority, M/o Communications, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	JV -A,B, C,D,H	Dec-20	Mar-21	104,000	35.00
168	Feasibility Study and Detailed Design for Construction of 4-Lane Flyover at Bhara Kahu (N-75) (Length 3.5 Km) including Commercial Feasibility on PPP	National Highway Islamabad - Satra Mile-Lower Topa Kohala (N-75) is a strategic road. Its length upto Kohala is about 90km. It connects Azad, Jammu & Kashmir (AJ&K) with Pakistan at Kohala further it moves towards Muzaffarabad which is capital of Azad Jammu & Kashmir. NHA appointed consultants for carrying out Feasibility Study and Detailed Design for Construction of 4-Lane Flyover/Overhead Bridge at Bhara Kahu on N-75. Later on the project was converted on PPP basis and Consultants prepared the Commercial Feasibility Study on PPP/BOT, Financial Modeling and Technical Part of Concession Agreement.	National Highway Authority, M/o Communications, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,B,C,D,H	Feb-20	Dec-20	92,000	45.00

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167	Transaction Advisor for Public Private Partnership (PPP) Project – Dualization of Okara-Satghara-Syedwala, Jaranwala & Chak Jhumra Expressway Road, Length = 135.00 Kms	The Government of the Punjab is striving to meet its development objective focusing to engage Private Parties for financing, planning, designing, execution and operation of the projects for Sustainable development in the Region. Keeping in view the vision of the Punjab Government, the Communication and Works Department selected 8 major roads for construction under PPP Modality. The Okara-Satghara-Syedwala, Jaranwala & Chak Jhumra Expressway of length 135.00 Kms is among one of these selected project.	Chief Engineer, Research and Design Deptt. C&W Deptt. Govt. of Punjab Pakistan	Lead - A,B,C,D,H	Mar-20	Sept-20	186,000	50.00
166	Design & QA/QC Consultancy Services for Lahore Ring Road Southern Loop-3 (SL-3)	The project Lahore Ring Road Southern Loop (SL-3) is remaining part of Lahore Ring Road Project. The LRRP SL-3 consist of 08 kms length with 06 lanes road, 2 interchanges, 3 bridges, 14 culverts and 4 toll plaza. This project is PPP-BOT mode. Concession period will be 25 years.	National Logistic Cell, Headquarters Sowan Camp Rawalpindi Pakistan	Lead – B,C,D, E	Jan-20	Mar-21	730,000	60.20
165	Feasibility Study and Detailed Design for Rehabilitation / Upgradation and Construction of Lodhran – Multan Section (North Bound 62 Km) of N-5 and Construction of Flyovers (2 Nos.) at Railway Crossing on Lodhran Bypass.	Lodhran-Multan Section of N-5 (North Bound) is in fair to poor condition and was a candidate section for Sustainable National Highway Improvement Project in May 2018 (SNHIP) through financial assessment of Asian Development Bank (ADB). However this did not mature and ultimately NHA planned to rehabilitate and upgrade the section of N-5 from Lodhran to Multan (North Bound 62 Kms) along with construction of Flyovers at Railway crossings on Lodhran bypass through its own resources.	National Highway Authority, M/o Communications Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,B, C,D,H	Sep-19	Nov-19	60,000	66.00
164	Additional Financing to Khyber Pakhtunkhwa Provincial Roads Improvement Project (KP PRIP) – [Dualization of Mardan-Swabi Road Project – Loan No.3756-PAK	The project mainly includes the rehabilitation, dualization and upgrading of the Mardan Swabi provincial highway (42 kms dualized highway). Besides this, construction of C&W House (Office)/C&WD Central Laboratory at Hayatabad Peshawar is also part of the project. Project proposed formation width in open area is 7.3m black top with 0.60m inner shoulder, 2m outer shoulder each side and 1.5m center median. Total 11 no bridges, 08 number existing	C&W Dept. PIU, KPK Provincial Roads Improvement Project, Govt. of KPK Pakistan	Lead - C,E, H	Jul-19	Jan-23	1,715,000	100.00

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		bridges are to be retained, 14 no new bridges to be constructed, 75 no culverts along the alignment, 01 underpass, 42 nos. U-Turns etc.						
163	Detailed Design of Top City Housing Society Infrastructure – Phase II	Design Review and Detailed Design of infrastructure of the housing society including roads, water supply, electricity etc.	Top City 1 Islamabad, # 7-11, Sajid Sharif Plaza, G-11 Markaz, Islamabad Pakistan	Lead - C, D	Jul-19	Sept-19	20,600	1.00
162	Detailed Design of Top City Housing Society Infrastructure – Phase I	Detailed Design of infrastructure of the housing society including roads, water supply, electricity etc.	Top City 1 Islamabad, # 7-11, Sajid Sharif Plaza, G-11 Markaz, Islamabad Pakistan	Lead - C, D	Jul-19	Jul-19	8,900	1.00
161	Design Review and Detailed Design of Top City Housing Society Infrastructure	Design Review and Detailed Design of infrastructure of the housing society including roads, water supply, electricity etc.	Top City 1 Islamabad, # 7-11, Sajid Sharif Plaza, G-11 Markaz, Islamabad Pakistan	Lead - C, D	Dec-18	Dec-18	6,800	1.00
160	Quality Assurance Inspector - Additional Lanes between Faizpur Interchnage to Ravi Toll Plaza, Expansion of Ravi Toll Plaza and Construction of Administration Building – Overlay & Modernization of Lahore-Islamabad Motorway	Review of Designs, additional detailed design and construction supervision of additional lanes between Faizpur Interchange to Ravi Toll Plaza, Expansion of Ravi Toll Plaza and Construction of Administration Building.	MORE (Pvt.) Ltd. - # 509, Kashmir Road, R.A. Bazar, Rawalpindi / National Highway Authority, M/o Communications	JV – C,E, F	Jan-19	Dec-19	235,000	170.00

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	M-2 (VO # 2) on BOT Basis		Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan					
159	Quality Assurance / Quality Control of Lahore – Sialkot Motorway Project on BOT Basis (Km 0+000 to Km 10+000)	Frontier Works Organization (FWO) has been awarded the project. FWO had engaged the services of Consultants for Quality Assurance / Quality Control (QA/QC) services during the project execution.	Frontier Works Organization (FWO) - # 509, Kashmir Road, R.A. Bazar, Rawalpindi Pakistan	Lead – E, F	Sep-17	June-19	458,000	237.00
158	Design Review of Dualization & Improvement of Old Bannu Road Project, N-55 Gaandi Chowk – Sarai Naurang (8 Km) & Domail – Khurram (40 Km) Sections & Dualization & Improvement Of Old Bannu Road Project, N-55 Khurram - Krapa (35 Km)	The design prepared by Design Consultant (NESPAK) according to AASHTO standards with a design speed of 50-80 kph. The Design Review Consultant reviewed the conformance of the said design with the required AASHTO Standards. The Design Review Consultant prepared and submitted a Design Review Report indicating deficiencies / improvements required in the detailed design. The Design Review Comments of Design Review Consultant were sent to the Design Consultant for incorporation of the same in the Construction Drawings and further issuance to the Contractor at site.	M/s. National Engineering Services Pakistan – NESPAK (Pvt.) Ltd. Lahore Pakistan	Lead - F	Jul-18	Jul-18	32,000	60.00
157	Feasibility Study and Detailed Design for Construction of Inter-Districts, 2-Lane Bridge Over River Chanab alongwith Link Roads at Mudwala Putten Tehsil Jalalpur Peerwala	The project envisages the construction of bridge over river Chanab at Mud Wala alongwith approach roads. Detail is given as under: <ul style="list-style-type: none"> • Bridge (2-lane) length with provision of substructure and super structure for 4-lane bridge = 1.0 km • Approach road (2-lane) from Khan Bela to proposed bridge location (East side) = 5.00 km • Approach road (2-lane) from Mud Wala basti to proposed 	National Highway Authority, Government of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A, B, C, D, H	May-18	Sept-18	105,000	25.00

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		bridge location (West side) = 4.0 km. • River Training Works/Guide banks = on both sides • Irrigation Jspers Bund/main bund = required on Khan Bela side (East side) • Tender Drawings, documents and BOQ, Land Acquisition and Utilities folder, ROW demarcation, EIA in all respect including approval from the approving authorities, PC-I preparation.						
156	Verification of Community Driven Local Development Policy (CDLD) Programme in 12 districts of Khyber Pakhtunkhwa	The validation required an assessment of compliance in implementation of the CDLD policy documents covering all processes and stakeholders and a technical evaluation of assets created under the project in Swat, Shangla, Chitral, Upper Dir, Lower Dir, Malakand, Buner, Nowshera, Swabi, Haripur, Torghur, and Battagram districts. The sectors involved in the CDLD program included Rural Access Roads, Works, Irrigation, Drinking Water Supply, Education, Social, Health, Sanitation, Agriculture, Sports and Livelihoods. Validation tools included questionnaires, focus group discussions, community interviews, physical verification of over 5,000 sub projects and assets created, budgetary processes and expenditure verification, institutional frameworks assessment, capacity building, MIS database development and others.	Hulla & Co. Human Dynamics KG Pakistan	JV – I, H	Mar-18	June-20	266,000	100.00
155	Consultancy Services for Maintenance Backlog Reduction Program and Resurfacing and Strengthening Program for NHA Network (North Package)	NHA hired the services of Consultant to analyze the existing pavement condition, road roughness, traffic and Heavy Weight Deflectometer (HWD) data and to evaluate the deteriorated road sections for Rehabilitation (candidate sections for Maintenance Backlog Reduction Program) & Resurfacing (candidate sections for Resurfacing and Strengthening Program). Based on latest road condition and roughness survey data, the list of road sections (with exact location, length and remaining service life) identified as candidate sections for resurfacing (521 Km with RSL between 2 to 2.5 years) and rehabilitation (1,113 km with	National Highway Authority, Ministry of Communications, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A, B, C, D	Jan-18	May-18	386,000	370.00

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D. Tender Documents
 E. Supervision QC/QA/IE
 F. Design Review

G. Permanent Staff Individual Consultancy (IC)
 H. ESIA, ESMP, RAP

I. Third Party Validation, Post Project Evaluation
 J. Role, Lead firm, JV, IC

Prj. No.	Project Name	Project Description	Name of Client & Country of Assignment	Role - Services Provided	Implementation		Approx. Contract Value/ Amount Paid to Firm US\$	Project Cost US\$ Millions
					Start	Completion		
		RSL less than 2 years) were identified. The consultant identified road portions having homogenous conditions and pavement distresses for packaging them into continuous road sections and selecting for most appropriate rehabilitation or resurfacing treatment. The Consultant performed the tasks mentioned in the as per TOR network falling in the jurisdiction of North & Central Zones and submitted the reports accordingly in the form acceptable to NHA.						
154	Detailed Design and Construction Supervision of Improvement / Widening of Thokar Niaz Baig – Hudyara Drain Section of N-5 from Existing 4 Lanes to 8 Lanes (Addl. 2-Lanes on Either Side)	Multan road from Thokar Niaz Baig to Hudyara Drain is part of National Highway N-5, presently under administrative control of National Highway Authority (NHA). The length of the project is 11 Km having an existing ROW of 34 m to 37 m. The existing road at present is 4 lane dual carriageway. The existing road has been improved to 8-lane dual carriageway having a roadway width of 15.5 m on either side with a lane width of 3.65m. Additionally three U-turns have also proposed in order to streamline the movement of traffic without any disturbance for commuters.	National Highway Authority, Ministry of Communications, Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	JV – C,D, E,H	Oct-17	Oct-20	450,000	25.00
153	Independent Engineer - Construction of Swat Expressway on BOT Basis	A Concession Agreement was signed between Pakhtun Khwa Highway Authority and Swat Expressway Planning Construction and Operation (Pvt.) Ltd. (SEPCO) for construction of Swat Expressway on BOT Basis. Swat Expressway is one of the major projects announced by the Government of KPK. The Swat Expressway is providing safe and efficient corridor for commuters travelling to the Northern areas. The proposed project would facilitate regular travelers and also the tourists traveling to Swat and other attraction within the vicinity. The Swat Expressway connects and provides additional route from M-1 (Islamabad - Peshawar Motorway) to the city of Chakdara. Swat Expressway (4-Lane) Expressway originates from Kernal	Pakhtunkhwa Highway Authority (PKHA) Swat Expressway Planning Construction and Operations (Pvt) Ltd. (SEPCO) Pakistan	Lead - E, F, H	May-17	Apr-19	3,840,000	340.00

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		Sher Khan Interchange on M-1 and ends at Chakdara near intersection of N-45 and N-95. The Swat Expressway alignment moves parallel to the existing N-45 highway. The proposed Swat Expressway have 7 interchanges including already existing Kernal Sher Khan Interchange on M-1.						
152	Feasibility Study and Preliminary Design for Peshawar-Kabul Motorway Section-I: Peshawar-Torkham (50 Km), Section-II Torkham-Jalalabad (76 Km), Section-III: Jalalabad-Kabul (155 Km)	<p>Pakistan by virtue of its geo-strategic location is a junction of South Asia, West Asia and Central Asia. It is a pathway from resource efficient countries to resource deficient countries. Pakistan can be termed as a Bridge between South Asia and South West Asia; Iran and Afghanistan are energy abundant while India and China are deficient. Land locked Afghanistan is now at the phase of reconstruction finds its ways through Pakistan. It share a 2,640 Km Durand line, porous border with its neighboring Pakistan. There are number of un-administered and two administered Border Crossings; at Chaman in Balochistan and at Torkham in Khyber Pakhtunkhwa. Un-administered are through frequent routes in deserts and mountain passes in FATA.</p> <p>The existing road links through Borders also need to be up-graded, especially being damaged by the NATO supply transit traffic. Keeping in view the growing demand of trade between the two countries, the Government of Afghanistan has requested Government of Pakistan to develop Peshawar-Kabul Motorway. Pakistan's vision to access the CARs shall also be facilitated through this Motorway. Government of Pakistan has hired Consultants to carry out a detailed feasibility study for Peshawar-Kabul Motorway. The project Peshawar-Kabul Motorway comprises of the following sections:</p> <ul style="list-style-type: none"> • Peshawar-Torkham Section, 50 Kms • Torkham-Jalalabad Section, 76 Kms • Jalalabad-Kabul Section, 155 Kms 	National Highway Authority, Ministry of Communications, Government of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A, C, D, H	Mar-17	Sep-17	1040,000	900.00
151	Consultancy Services For	The subject Motorway is part of Western Alignment of China	National Highway	JV - E,F	Sep-16	Oct-21	921,000	600.00

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	Design Review and Construction Supervision of Trap to Pindi Gheb, Package-4 (50 Kms) Section of Hakla (M-1) to Yarak (D.I. Khan) Motorway	<p>Pakistan Economic Corridor (CPEC). Several alternate proposals were prepared and discussed with their merits and demerits and the route corridor from Hakla on M-1 to Yarak on N-55 near D.I. Khan via Pindigheb, Kalabagh, and Kundal was finally approved. The alignment of subject motorway originates at Yarak (N-55), traverses through Paniyala, Abdul Khel Kundal, crossing River Indus, Mianwali, Daud Khel Sikandarabad, Tarap, Pindigheb, Fatehjang and finally terminates at Hakla on Motorway (M-1).</p> <p>National Highway Authority-NHA appointed Consultants for Design Review & Construction Supervision of CPEC Western Route: Hakla on M-1 to D.I. Khan Motorway.. The subject project has been implemented on fast-track basis. Therefore, to meet the pace of work for execution of good quality construction as per specification & NHA standards, the construction & its supervision have been undertaken.</p>	<p>Authority, Ministry of Communications, Government of Pakista, # 28 Mauve Area, G-9/1, Islamabad</p> <p>Pakistan</p>					
150	Quality Control Consultancy Services for Karachi-Lahore Motorway Project: Abdul Hakeem-Lahore Section (Km 1009+000 to Km 1146+950).	<p>National Highway Authority (NHA) planned to construct 230 Kms long 6-lane Motorway between Abdul Hakim and Lahore as a part of Karachi Lahore Motorway under CPEC.</p> <p>The contract of motorway project has been signed between CR20G-ZKB KLM Joint Venture and NHA, CR20G has become the EPC leading contractor of this project. ACC has been hired as an in house team of consultant for Quality Assurance / Quality Control of this project by CR20G of 4 divisions of Section III being undertaken by CR20G (from Km 1009+000 to Km 1146+950).</p>	<p>M/s China Railway 20 Bureau Group Corporation Apartment No.1507, Tower A, Centaurus, F-8/4, Islamabad</p> <p>Pakistan</p>	Lead – E,F	Sep-16	Sep-19	1,017,000	700.00
149	Quality Control Services for Peshawar-Karachi Motorway (Sukkur – Multan Section) Section 5 (50 kms)	<p>National Highway Authority (NHA) planned to construct 392 Km. long 6- lane Motorway between Multan to Sukkur as a part of Peshawar -Karachi Motorway (CPEC). It also comprises construction of all allied structures (culverts, bridges /</p>	<p>M/s China State Construction Engineering Corporation Ltd.</p>	Lead – E,F	Aug-16	Aug-19	1,047,000	1500.00

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		interchanges) and construction of 2-lane service roads on the either side of the Motorway. The proposed section of Motorway was further divided into seven sub-sections approx.55~60 Km. each to facilitate its construction. CSCEC was the EPC contractor of this project. ESS-I-AAR in association with M/s ACC have been hired as an in house team of consultants of this project by CSCEC in charge of the Quality Assurance and Quality Control Services of section V (Km 604+000 to Km 659+000).	House No.40, Street 27, F6/2, Islamabad Pakistan					
148	TA-8914 PAK Central Asia Regional Economic Cooperation Corridor Development Investment Program – Preparing the Pakistan CAREC Corridor Development Invest Program (48404-001)	The CAREC Transport and Trade Facilitation Strategy (TTFS) 2020 included an expanded CAREC transport network, with CAREC corridors 5 and 6 now routing through Pakistan. This project routes include; An alignment of the road corridor in Pakistan from Gwadar to Chaman via Surab, Corridor 6a,b,d, An alignment south from Karachi to Pindi Bhattian via DG Khan, Corridor 6 An alignment from DG Khan to Peshawar, National Road 55. NHA Pakistan accord higher priority to National Highway N-55 (Indus Highway). This TA project assisted the Pakistan Government and ADB in improving the CAREC corridors in Pakistan, and developing and designing MFF which enhanced the regional connectivity and trade via the CAREC Corridor 5 and 6. Based on proposed MFF, the Consultant decided the road sections of Tranche 1 and carried out Feasibility Study and Preliminary engineering design for Tranche 1 project. The Consultant also carried out the initial screening work for all the other proposed ranches.	M/s SAMBO Engineering Co. Ltd. Jeongpuyeong-dong, 7th Floor, 63 Daehak-ro Gyeongsan-si Gyeongsangbuk-do Korea Pakistan	JV - A, B, C, H	Jun-16	April-17	274,797	700.00
147	Flood Emergency Reconstruction and Resilience Project (FERRP) Project Management Consultant (PMC) Package	The 2014 flood in Pakistan significantly damaged the roads network in Punjab Province. The Asian Development Bank (ADB) supported the efforts of the Government of Pakistan through the Flood Emergency Reconstruction and Resilience Project (FERRP). The project contributed to the economic and	Project Implementation Unit (PIU), Flood Emergency Reconstruction	Lead - C, D, E, H	Jun-16	Apr-19	1,085,000	400.00

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	No.CW-CS-02).	social recovery of flood affected areas in the affected districts of the Punjab and in northern districts through the rehabilitation and reconstruction flood damaged roads, bridges, irrigation and flood protection infrastructure and support ex ante disaster risk management activities in the aforementioned areas. Damaged and at-risk infrastructure in the flood-affected areas has been upgraded to incorporate resilience considerations to mitigate the potential impact of future flood events. Consultant carried out third party validation of over 500 kms of roads and construction supervision of over 100 kms of provincial highways.	and Resilience Project, C&W Deptt. GoPb Pakistan					
146	Traffic Study for Pakistan PKM Motorway Project (Sukkur - Multan Section)	The consultant collected relevant data from concerned agencies and carry out minimum 72 hours traffic volumes counts, O & D Survey, willingness to pay survey, journey time travel survey, tire pressure and axle load survey etc. on existing roads crossing the alignment to get an estimate of current traffic volumes. Generated / diverted traffic volumes worked out. Weekly and monthly correction factors worked out to arrive at Annual Average Daily Traffic (AADT). Growth factors worked out based on which the traffic was forecasted for 10 & 20 years. The Consultant carried out the data analysis and prepared traffic study report according to NHA's requirements. The report included inter alia field work description, original data on the site covering observed actual traffic volumes (In numbers), OD survey data, methodology of data analysis, calculation, calibration and forecast, and forecast results and other aspects stipulated in the above paragraph.	M/s China State Construction Engineering Corporation Ltd. House No.40, Street 27, F6/2, Islamabad Pakistan	Lead - A	Jul-16	Aug-16	67,000	N.A
145	Quality Control Services for Peshawar-Karachi Motorway (Sukkur-Multan Section) Sub Section 2	The Government of Pakistan through National Highway Authority (NHA) planned to construct 392 Km. long 6- lane Motorway between Multan to Sukkur as a part of Peshawar - Karachi Motorway (CPEC). It comprises construction of all allied structures (culverts, bridges / interchanges) and construction of	M/s China State Construction Engineering Corporation Ltd. House No.40,	JV – E, F	Jun-16	Jun-19	1,047,000	600.00

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		<p>2-lane service roads on the either side of the Motorway. The section of Motorway further sub divided into seven sub-sections approx.55~60 Km. each to facilitate its construction.</p> <p>The contract of construction of Motorway project has been signed between CSCEC and NHA, CSCEC was the EPC contractor of this project. ACC has been hired as an in house team of consultant for this project by CSCEC, in charge of the Quality Assurance and Quality control service of section-II (stake mark from Km435+000 to Km491+000).</p>	<p>Street 27, F6/2, Islamabad Pakistan</p>					
144	Consultancy Services for Detailed Design of Pakistan PKM Motorway Project (Multan – Sukkur Section)	<p>The Consultant provided detailed design services for sections Km 380+000 to Km 408+000, Km 408+000 to Km 435+000, Km 688+600 to Km 716+000 and Km 716+000 to Km 740+620 of the Pakistan Motorway Project (Multan - Sukkur Section) complying with the Employer (M/s National Highway Authority) requirements in the EPC contract.</p> <p>Consultants also provided on job training to Chinese Engineers in respect of familiarization with Pakistani Specifications and Standards. In this regard a Team of Engineers also visited China for imparting training to Chinese Engineers in line with Pakistani Design Standards.</p>	<p>M/s China State Construction Engineering Corporation Ltd. House No.40, Street 27, F6/2, Islamabad Pakistan</p>	Lead - A,C,D,H	Apr-16	Oct-16	8,000	1000.00
143	South Sudan Rural Roads Project (SSRRP) UNOPS IC Agreement 167338-P63308-L0-00 & 167338-P63031-L0-00	<p>South Sudan's transport system is deficient in terms of both quantity and quality of infrastructure, and level of services as well as in terms of investments and maintenance. The system is inadequate and does not fulfill its function as a catalyst for the country's economic growth, and social and political integration. To address these issues and facilitate the road transport sector's transition into a single strategic approach in the long run, a Road Sector Development Program has been established based on the recommendations of the three studies undertaken under this project. The purpose of this program is to achieve</p>	<p>UNOPS/AfDB Juba, South Sudan</p>	G- A, B, C	Apr-16	Aug-16	30,000	654.6

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		greater synergy and coherence among various projects and donor/government funds within a framework aligned with development partners' requirements and strategic goals of the government.						
142	Transport Sector Needs Assessment for Somalia IC Agreement UNOPS 2015/IICA-SP/61625	The African Development Bank (AfDB) undertook a series of infrastructure needs assessments in Somalia's key infrastructure subsectors. These include the Transport Sector Needs Assessment (TSNA), as well as assessments in the energy, ICT, and water and sanitation subsectors. ACC's staff were involved in preparing the key deliverables for the Federal Government of Somalia's (FGS) Economic Recovery Plan. In addition, the study also fed into an overall Infrastructure Action Plan (IAP) for Somalia – i.e. a pipeline of priority and costed projects – and also provide input for Somalia's new National Development Plan (NDP). The overall objective of the TSNA was to determine short, medium and long-term needs and investments in the transport sector that will develop sector policy and institutional and funding arrangements and deliver tangible results in the transport sector infrastructure development for economic recovery through sequenced investments.	UNOPS/AfDB/EC Somalia	G – A, B, C	Sep-15	Dec-15	49,920	Estd 800 + Million over 10 years program
141	Detailed Project Design of Sustainable Agriculture Investment and Livelihood (SAIL) Project Egypt – PO No.0000029091 – Contract No.61240-0009	IFAD a UN organization engaged services for project preparation and detailed project designing of a planned agriculture sector investment of about US\$85 million with the Government of Egypt. The project locations are spread in lower, middle and upper Egypt in 40 settlements. Role of specialist was to evaluate existing irrigation practices and propose means to promote efficient use of scarce water resources through new technologies such as drip, fixed sprinkler systems, solar pumps – surface and submersible, buried pipe systems etc., as per requirements of specific areas, cropping patterns, nature of soil, climate and other factors. Of the total project investment, more than 50% was to be invested for improving irrigation systems.	International Food for Agricultural Development IFAD - Via Paolo di Dono, 44 00142 Rome, Italy Egypt	G- A, B	Jun-14	Jul-14	32,000	90.973

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140	Project Preparation Sustainable Agriculture Investment and Livelihood (SAIL) Project, Egypt - PO No.0000028278 – Contract No.61240-0008	Services provided for project preparation of all infrastructure related investments under the project. Assessed and characterized the main features of infrastructure rehabilitation activities in particular of relevance to smallholder farmers with potential for high impact; identified the main obstacles and bottlenecks caused by the lack of proper infrastructure in the target area and developed proposals for activities to be funded under the infrastructure rehabilitation component inclusive of cost-benefit analysis and implementation approach. Outputs included Draft Project Implementation Manual (PIM); Environmental and Social Review Note; and papers on Gender and Poverty, Community Development, the Agricultural Development and the Environmental and Social Issues.	International Food for Agricultural Development IFAD - Via Paolo di Dono, 44 00142 Rome, Italy Egypt	G- A, B	Mar-14	Apr-14	32,000	90.973
139	Detailed Engineering Design for Improvement of Karachi – Hyderabad Motorway Project M-9 on BOT basis.	Project Karachi-Hyderabad Motorway (M-9) comprises of widening of 136 km 4 lanes road into 6 lane, rehabilitation of existing highway 136 km 4 lanes construction of 185 km 2 lane service road of M-9 Super Highway Karachi – Hyderabad. Design of the project carried out to establish adequacy, stability, safety, economy, functionality and adherence to the relevant codes and sound engineering practices of all designs, drawings, specifications etc. of the design of M-9 Super Highway construction on BOT basis project.	Frontier Works Organization (FWO) 509, Kashmir Road R.A. Bazar, Rawalpindi Pakistan	Lead - C,D, H	Mar-15	Dec-15	1,240,000	300.00
138	Consultancy Services For Feasibility and Detailed Design of Yakmach – Kharan Road (113 Km)	The existing road link from Yakmach (Dalbandin) to Kharan (113 Km) and onward from Kharan to Basima (122 Kms) is a provincial road under jurisdiction of the Balochistan Government. Total length of this Yakmach-Kharan-Basima road link is 235 Kms. The proposed road is shingle/kacha track except 22 Km asphaltic section between Yakmach and Kharan which is not in good condition. Yakmach – Kharan section of this link is mostly passing through flat terrain whereas Kharan-Basima section is passing through hilly/mountainous terrain. With the construction of this road, there is a saving of 376 Km	National Highway Authority, Ministry of Communications, Government of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - C, D, H	Feb-15	Aug-15	248,835	100.00

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		from Gwadar and 194 Km from Karachi to Taftan. In addition, if Khuzdar-Basima link is also developed, the distance from Karachi to Taftan is further shortening by 267 Kms. Constructed upto Basima will significantly shorten/save the distance from Gwadar and Karachi to Taftan, it will also act as a link between N-40 and N-85. Scope of work of the consultants was to carry out the detailed engineering services including EIA and resettlement studies.						
137	Quality Assurance Inspector - Overlay and Modernization of Lahore – Islamabad Motorway (M-2) on BOT Basis.	Lahore - Islamabad Motorway (M-2) is a section of Pakistan Motorway. Total length of this track is 333 km in addition to Islamabad Link Road (7 kms) and Lahore Bypass which is 17 km in length. The present remaining service life of M-2 is approximately between 2 to 3 years as per an independent study carried out by NHA. A Concession Agreement was signed between National Highway Authority and Motorway Operations and Rehabilitation Engineering Company (MORE) for Overlay and modernization of M-2 on BOT Basis. MORE hired M/s Associated Consultancy Centre Pvt. Ltd. (ACC) as the Quality Assurance Inspector (QAI) for review the design proposal, detailed design procedures and construction supervision activities. The design of Rehabilitation & Modernization M-2 was initiated with Design proposal (preliminary design) with the detailed on ground surveys and highway testing to convert it into Detailed Design. Scope of work for the project is as follows: ➤ Overlay of M-2 to achieve improved riding quality to an international motorway standard. The basic parameters of the riding quality for any lane per km as per the Concession Agreement. ➤ Modernization of Motorway facilities and allied equipment.	MORE (Pvt.) Ltd. # 509 Kashmir Road R.A. Bazar Rawalpindi / National Highway Authority, M/o Communications Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - F, E	Dec-14	Mar-17	3,790,000	243.00
136	Preparation of Technical and Financial Proposal for Lahore - Khanewal Multan Section of	The construction of Karachi-Lahore Motorway, a 6 lane limited access facility has been planned to be constructed. The Hyderabad - Lahore Motorway comprises of three sections.	M/s China State Construction Engineering	Lead – A,C,D	Aug-14	Sep-14	1,500,000	250.00

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					Start	Completion		
	KLM.	Section I from Hyderabad to Sukkur, Section II from Sukkur to Multan and Section III from Multan to Lahore comprising a total length of over 950 kms. Section III (Lahore - Multan Section) was offered by NHA on BOT basis. The consultants prepared the cost estimates based upon preliminary design, financial analysis, financial modeling and preparation of technical and financial Proposals for NHA.	Corporation Pakistan. (House No.40, Street No.27, F-6/2, Islamabad) Pakistan					
135	Detailed Engineering Design of Karachi - Lahore Motorway Project (Multan Sukkur Section) - 20 kms	The construction of Karachi-Lahore Motorway, a 6 lane limited access facility has been planned to be constructed. The Hyderabad - Lahore Motorway comprises of three sections. Section I from Hyderabad to Sukkur, Section II from Sukkur to Multan and Section III from Multan to Lahore comprising a total length of over 950 kms. Multan Sukkur Section was awarded to CSCEC, China. This project involves the detailed engineering design of first 20 km section of Multan – Sukkur Section of KLM. It includes 14 bridges/flyovers and 1 major interchange,	M/s China State Construction Engineering Corporation Pakistan. (House No.40, Street No.27, F-6/2, Islamabad) Pakistan	Lead - C,D	Jul-14	Sep-14	500,000	250.00
134	Ground Validation / Review of Feasibility Study for Karachi – Lahore Motorway: Hyderabad – Sukkur Section-I (400 Km)	The construction of Karachi-Lahore Motorway, a 6 lane limited access facility has been planned to be constructed. The Hyderabad - Lahore Motorway comprises of three sections. Section I from Hyderabad to Sukkur, Section II from Sukkur to Multan and Section III from Multan to Lahore comprising a total length of over 950 kms. The subject project includes the validation of proposed alignment of Hyderabad - Sukkur Section. The Motorway section from Hyderabad to Sukkur follows the existing Railway line. The alignment was finalized by the Chinese Contractor M/s CSCEC. The subject project activities require to be validated the proposed alignment on ground and to prepare the cost estimates along with an EIA Report. Estimated length of this section is about 400 Kms. It shall connect en-route Khairpur, Ranipur, Mehrabpur, Nawabshah, Shahdadput and Tando Adam etc. After crossing river Indus it shall connect with Motorway M-9.	National Highway Authority, M/o Communications Govt. of Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,C,D,F, H	Jun-14	Oct-14	535,000	85.00

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J. Role, Lead firm, JV, IC

Prj. No.	Project Name	Project Description	Name of Client & Country of Assignment	Role - Services Provided	Implementation		Approx. Contract Value/ Amount Paid to Firm US\$	Project Cost US\$ Millions
					Start	Completion		
133	Technical Analysis and Financial Modeling of Construction of Lahore - Khanewal - Multan Section (330 km) of Karachi Lahore - Motorway Project on (PPP) Basis.	The construction of Karachi-Lahore Motorway, a 6 lane limited access facility has been planned to be constructed. The Hyderabad - Lahore Motorway comprises of three sections. Section I from Hyderabad to Sukkur, Section II from Sukkur to Multan and Section III from Multan to Lahore comprising a total length of over 950 kms. ACC has carried out the technical analysis, feasibility study traffic analysis, tolling analysis. review of construction costs, O&M Costs, Study of VGF, alternate options for raising revenues other than tolling, and Financial Modeling based upon various suitable options for CSCEC.	M/s China State Construction Engineering Corporation Pakistan. (House No.40, Street No.27, F-6/2, Islamabad) Pakistan	Lead - A,C,D	May-14	Jul-14	500,000	250.00
132	Traffic counts on Lahore - Islamabad Motorway Project (M-2)	Lahore - Islamabad Motorway Project (M-2) is the first Motorway build in Pakistan. FWO hired the services of ACC for carrying out the detailed traffic counts on 24 different locations between Lahore and Islamabad on M-2. Traffic counts were carried out for 24 hours, 7days duration. A detailed report has been prepared incorporating the traffic forecasts and design ESALs.	M/s Frontier Works Organization (FWO) 509, Kashmir Road R.A. Bazar, Rawalpindi Pakistan	Lead - A,B	May-14	Jul-14	500,000	N.A
131	Feasibility Study and Design of "Establishment of Axle Load Control Regime on Provincial Highways at 5- Stations".	PKHA planned to install five Weigh Stations across the Province. The locations were selected by the Department. The consultancy services included local soil investigation, planning, detailed engineering design, preparation of estimates, PC-I, tender documents and implementation programme. The Consultants developed detailed design of each station considering all design parameters and requirements stipulated by the Client and incorporate findings, conclusions and decisions developed during tasks in other stages.	Pakhtunkhwa Highways Authority (PKHA), Government of KPK Pakistan	Lead - A, C,D	Mar-14	May-14	28,000	2.50
130	Technical Services for Construction Karachi - Hyderabad Project M-9 on BOT Basis.	A detailed technical proposal was prepared for FWO for Hyderabad - Karachi Motorway M-9 for submission to National Highway Authority. The technical studies include detailed topographic surveys, soil and materials testing, traffic counts and analysis, costs estimates, O&M Estimates. prl design of	M/s Frontier Works Organization (FWO) # 509 Kashmir Road,	Lead - A, C	Dec-13	Feb-14	670,000	30.00

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					Start	Completion		
		Road, Pavement. 8 No. Interchanges, Rest Areas, Service Areas, Weigh Stations etc.	R.A. Bazar Rawalpindi Pakistan					
129	Commercial Feasibility Study for Construction of Additional 2-Lane Bridge at Khushalgarh over River Indus on N-80 on Public Private Partnership (PPP) Basis.	National Highway N-80 provides shortest link between Rawalpindi and Indus Highway. This route has the potential to provide a short, all weather, safe and economical trade route to traffic between capital and southern and western districts of the country. Up till now full benefits of the route cannot be capitalized due to non-existence of geometrically negotiable crossing over river Indus. A 2-lane balanced cantilever type 348m long bridge along with one 25m long via duct span is already under construction on the river Indus. NHA engaged ACC for preparation of commercial feasibility for additional 2-lane bridge on PPP basis. The Consultant's team helped NHA in structuring the project that provides value-for-money solution to NHA. The project was conceived in a manner whereby the private sector will be responsible for Design Review, Financing, Constructing, Operating and Maintaining the Project. The private party will recover their investment over the concession period via toll collection. At the end of concession period, the entire project would be transferred to NHA.	National Highway Authority, M/o Communication, GOP Pakistan, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A, C	Oct-13	Dec-13	33,000	50.00
128	Environment Impact Assessment Study for Lahore – Karachi Motorway Project	The construction of Karachi-Lahore Motorway, a 6 lane limited access facility has been planned to be constructed. The Hyderabad - Lahore Motorway comprises of three sections. Section I from Hyderabad to Sukkur, Section II from Sukkur to Multan and Section III from Multan to Lahore comprising a total length of over 950 kms. The subject project envisages the preparation of detailed EIA for the whole Karachi – Lahore Motorway Project. Preparation of EIA Report as per the requirement of Pakistan Environmental Protection Agency (EPA).The contents of this assessment report must satisfy the	M/s China State Construction Engineering Corporation Pakistan. (House No.40, Street No.27, F-6/2, Islamabad) Pakistan	Lead - H	Oct-13	Dec-13	63,520	300.00

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					Start	Completion		
		requirements of the environmental protection laws of Pakistan including:- <ul style="list-style-type: none"> • The Overview of the project • The surrounding environmental condition • The analysis, prediction and the assessment of the possible impact • The measures, technology and the arguments of the environmental protection • The economic cost-benefit analysis of the environmental impact • The suggestion of carrying out environmental monitor • The conclusion of the environmental influence assessment 						
127	Traffic Counts & OD Surveys on Lahore – Karachi Motorway Project	Detailed Traffic Counts and Origin destination Surveys were carried out for the Feasibility Study of Lahore – Karachi Motorway Project for CSCEC. Detailed counts were carried out at 22 locations across the National Highway N-5 and N-55. OD Surveys were also part of the study.	M/s China State Construction Engineering Corporation Pakistan	Lead - A	Oct-13	Nov-13	65,000	N.A
126	Feasibility Study and Detailed Design for Nowshera to Peshawar Road Project (N-5)	This Project route is National Highway(N-5) connecting Nowshera City and Peshawar City of KPK Province. This section of the highway is amongst the most densely trafficked in the Province, the existing highway is serving heavy traffic volume with large portion of truck traffic. The NHA intends to construct existing 4-lane Nowshera- Peshawar Highway (N-5) as 6-lane. The project starts at Nowshera, Khyber Pakhtunkhwa Province(N-5) and ends at Peshawar, Khyber Pakhtunkhwa Province(N-5). Length of the project is about 43km. The Consultants hired by the Sambo Engineering prepared a feasibility study based upon detailed engineering design for the preparation of the project on PPP basis.	M/s Sambo Engineering Co. Ltd. (200-2 Bangi 1-dong, Songpa-gu, Seoul, Korea) Pakistan	JV - A,C,D	Oct-13	Nov-13	35,000	100.00

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					Start	Completion		
125	Bid Evaluation and Drafting of Contract for Additional School Rooms etc. (LFA Reference # 4.2.2)	Additional school rooms to be built in schools in Chitral District of KPK Province. Scope of work includes the review of structural drawings and costs prepared for schools in Chitral and preparation of Tender Documents.	M/s THRIVE-CIADP Project & Technical Department Pakistan	Lead – C	Sep-13	Oct-13	1870	N.A
124	Technical, Financial and Legal Service for Design, Financing, Construction, Operation and Maintenance of Lahore Ring Road (Southern Loop) on BLT Model	A proposal was prepared for a private investor (M/s CSCEC, China) for Design, Financing, Construction, Operation and Maintenance of Lahore Ring Road (Southern Loop) on BLT Model. The project including preliminary design, preparation of proposals, Financial Modeling, Legal Services & Draft Concession Agreement, Bid Preparation and Submission, etc.	M/s China State Construction Engineering Corporation Pakistan	Lead - A, C,D	Sep-13	Sept-13	116,822	450.00
123	Construction Supervision of Three Bridges in District Malakand & Charsadda, Khyber Pakhtunkhwa	The Pakhtunkhwa Highway Authority engaged Consultants for construction supervision of 3 nos. bridges over following rivers in District Charsadda and Malakand:- 1) Dildar Ghari bridge river Swat i/c 2.50 Km Approach Distt Charsadda 2) RCC bridge Thari on river Swat Batkela Totakan Road Malakand 3) RCC / Steel bridge Qulangai Sharbatai Road Malakand	Pakhtunkhwa Highway Authority, Government of KPK Peshawar Pakistan	Lead – E, F	May-12	Mar-16	187,000	N.A
122	ADB Assisted Detailed Design for Rehabilitation / Reconstruction of Flood Damaged Road Sections / Bridges on National Highways and Construction (Package-B South Project) ADB Loan No.2742-PAK	As a result of recent torrential rains and resulting unprecedented floods in almost all the rivers of Pakistan, the communication infrastructure, especially sections of roads and bridges received severe damage during 2010 floods. Besides precious human lives, at places, the man-made structures were completely wiped out, or were rendered unusable for human settlements. As per estimate drafted by international donor agencies in consultation with Government of Pakistan, the Floods caused a damage of approx. US \$ 9.5 billion to Pakistan's infrastructure, agriculture and other sectors. About 793 kilometers (km) of national highways (7% of the network), including bridges, need urgent repair – to ensure their stability and public safety. The	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A, B, D, H, E	Feb-12	Jan-15	820,000	N.A

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					Start	Completion		
		services include detailed engineering designs, construction supervision, environment and resettlement analysis and planning of 274 kms of National Highways in South of Pakistan.						
121	“Project Management Consultancy” for the Flood Emergency Reconstruction Project (FERP) ADB Loan No.2742-PAK	The floods took place in mid 2010, affected basic transport infrastructure and irrigation facilities. 80 out of the 110 districts across Khyber Pakhtunkhwa, Sindh, Punjab, and Balochistan were all seriously affected. About 24,000 km of provincial highways and many smaller access roads (representing 12% of the total provincial road network) are in bad shape. The bulk of problem centers on Sindh and Khyber Pakhtunkhwa (20% of their road networks affected). The consulting services required for the Project Management/Construction Supervision of selected flood affected provincial roads in Sindh Province to be rehabilitated and reconstructed under the Flood Emergency Reconstruction Project (FERP). The project involves reconstruction and rehabilitation of 982 kms of Provincial Highway in Sindh for W&S Department Government of Sindh and ADB. The Consultants scope of work involves design review, construction supervision, project management, resettlement and environment monitoring, gender monitoring and design of new sections where required.	Works & Services Department, Government of Sindh Pakistan	Lead – C, E, F, H	Jan-12	Jan-15	2,017,000	N.A
120	Construction Supervision for Rehabilitation of Existing North and South Carriageway and Design of 3rd & 4th Rigid Lanes of Kashmir Highway from Peshawar More to G.T. Road (Both Sides)	Capital Development Authority (CDA) undertook the rehabilitation of Kashmir Highway. The scope of work involves construction of three flexible lanes and additional two rigid lanes with each carriageway. The Consultant services involved in depth study for providing sustainable and cost efficient engineering solutions, construction supervision and project management, environmental monitoring, PC-I revisions and preparation bid evaluation reports.	Capital Development Authority Pakistan	Lead - C, D, E	Feb-11	Mar-15	197,000	70.00

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					Start	Completion		
119	Technical Advisory Services for Development of New Defence Housing Society, Peshawar	11 Corps HQ has launched a project to create a new Defence Housing Authority in Peshawar which will develop approximately 10,000 kanals of land as a state of the art housing development complete with all infrastructure including schools, parks, commercial areas and residential zones. The development is planned to be self-sustaining and green development. Technical Advisory Services for the project was provided with other independent legal and financial experts.	11 Corps Headquarters Peshawar Cantt Pakistan	Lead - B,G	Jan-11	Dec-16	100,000	1250.00
118	Balochistan Road Development Sector Project - Design Review and Construction Supervision of Remaining Works	The Communication & Works Department, Government of Balochistan hired the services of M/s ACC for the preparation of as build assessment, design review of roads and bridges and construction supervision of the left over work of ADB BRDSP Project in Balochistan. Some of the under construction roads through ADB projects were badly affected by the devastating floods during August 2010. Consultants have to ascertain the current condition of the road and to suggest remedial measures for these projects. The remaining construction work on different roads was to be supervised.	Communication & Works Department, Gov. of Balochistan Pakistan	Lead - E,F	Mar-11	July-13	470,000	47.00
117	TA No.7008-PAK – Development of National Trade Corridor Highway Business Plan	Appraisal and project preparation for a logistics hub at Sundar Industrial Estate to be developed under Public Private Partnerships. Developing organization and transaction structures for PPP, advised on policy framework and risk assessment. Provided advice to the Planning Commission and ADB on PPP bottlenecks and use of hybrid models.	Asian Development Bank - Serena Business Complex, Khayaban-e-Suhrawardy, G-5, Islamabad / Halcrow Pakistan (Pvt) Ltd. - 3 rd Floor, Nawa-e-Waqt House, Mauve Area, Sector G-7/1,	G – A, B	Sep-09	Feb-10	30,057	NA

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					Start	Completion		
			Zero Point, Islamabad, Pakistan Pakistan					
116	Developing Performance Indicators for the National Transport Corridor Improvement Program (NTCIP) – PO No.7716234 and PO No.7721880	The development objectives of the National Trade Corridor Improvement Program (NTCIP) are to reduce the cost of trade and transport logistics and bring services quality to international standards in order to reduce the cost of doing business in Pakistan and ultimately enhance export competitiveness and the country's industrialization. The GOP achieved this objective through a comprehensive multi-sector reform and investment program aimed at streamlining procedures, improving services and upgrading physical infrastructure. The scope of the program included railways, the road transport industry, ports and shipping, trade facilitation, highways and air transport. The World Bank prepared National Trade Corridor Development Policy Project, the first of a series of three Development Policy Projects designed to support implementation of NTCIP based on a policy matrix endorsed by the Government.	The World Bank Islamabad – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	G- A, B,	Jul-08	Oct-08	20,507	NA
115	Design Review and Construction Supervision for Rehabilitation / upgradation of Jalalpur Pir Wala - Uch Section of Multan TMP Road (46 kms).	The project aims at the widening and improvement of Jalalpur Pirwala – Uch Section of Multan – Trinda Muhammad Panah Road Project (46 Kms). The project consists of three packages. The work comprises of improvement, widening and strengthening of the existing road to 7.3, carriageway. ACC worked as the Engineers Representative on the Project and was responsible for the construction supervision of the project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - E,F	Nov-09	Dec-14	482,000	42.00

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					Start	Completion		
114	Design Review and Construction Supervision for Dualization and Rehabilitation of Larkana - Moenjodaro Road (28 kms).	The project aims at the widening and improvement of existing road from Larkana to Moenjodero covering a total length of 28 kms. The project road starts from Larakana and ends at Meonjodero and Airport. The project has been designed to be a dual carriageway. The existing traffic requires that the subject road is to be dualized which will attract more tourism in the area and more easy access to the Airport from the city. ACC worked as the Engineers Representative on the Project and was responsible for the construction supervision of the project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - E, F	May-09	Dec-14	298,000	31.00
113	Detailed Design and Construction Supervision for Rehabilitation of Kamber - Shahdakt Road Project - 29 kms	National Highway Authority intends to rehabilitate the Kamber – Shahdakt Road as a single two land carriageway as per NHA's standard. The surrounding area along the road alignment is all cultivated land. The paved width of existing road is approximately 6.0 m with earthen shoulders varying from 1.5m to 2.0m which has to be constructed to 7.3 m wide carriageway. There are bridges, culverts and level railway crossing on this alignment. The assignment required to carry out the detailed engineer design for the project as per the latest engineering standards. ACC worked as the Engineers Representative on the Project and was responsible for the construction supervision of the project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - E, F	Jan-09	Dec-14	139,000	11.00
112	Planning, Detailed Design and Construction Supervision of Grade Separation Facility at the Intersection of 9th Avenue with I.J. Principal Road, Islamabad and Stadium Road.	Capital Development Authority (CDA) undertook the design of overhead bridge / grade separation facility at the Intersection of 9th Avenue with the I.J. Principal Road Islamabad and Stadium Road. The project involves detailed traffic studies, geotechnical studies, detailed topographic surveys and engineering designs, preparation of the costs estimates and PC-I.	Capital Development Authority Islamabad Pakistan	Lead - B,C,D,E, F,H	Jan-09	Dec-09	236,000	17.50

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					Start	Completion		
111	Technical Advisory Services for Remodeling of Sher Khan Shaheed Stadium (SKSS), Peshawar	The objective of the assignment is to design the framework for the development of project with different components like Stadium, Expo Centre, Hyper Store / Retail Store, Hotels, Service Apartments etc. in which the land was to be provided by the Client and the development of these different components conducted by the selected developers / investors through a transparent mechanism from the local and foreign countries utilizing the JV, BOT, Lease Hold Rights, Contractual Models, etc. as appropriate. The entire spectrum of consortium services that was required to enter into MOU / legally binding contracts with developers / investors included consortium advice on transaction structures based on master plan, infrastructure plan, feasibility studies, risk analysis, due legal diligence, documentation and selection of developers. The scope of the Advisory Consortium services was to develop / finalize into deliverables through mutual discussions with the Client in the context indicated herein and end with the signing of the legally binding contracts of different components of project.	11 Corps Signal Headquarters Peshawar Cantt. Pakistan	Lead - B,G	Jan-13	Jun-17	250,000	250.00
110	Detailed Design and Construction Supervision of Arja - Tain Dhalkot Road Project (29 Kms) in Azad Jammu and Kashmir	The AJK Highway Authority under took detailed design for up-gradation, widening and construction of Arja-Tain Dbalkot Road (29km) in AJK for improving the present condition of the road so as to transform It to an all-weather 2- lane highway, conforming to international standards. Kashmir Highway Authority engaged ACC to provide the engineering services for technically sound and economically viable designs, PC-I, preparation of tender documents/ drawings/estimates and to carry out the detailed construction supervision of the road project.	Kashmir Highway Authority Azad Jammu & Kashmir Pakistan	Lead - C, D,E, H	Jul-07	Dec-10	230,000	20.00
109	Detailed Design and Construction Supervision of Kohala - Dhirkot Road Project (27 Kms) in Azad Jammu and Kashmir	The AJK Highway Authority undertook the detailed design for upgradation, widening and construction of Kohala – Dhirkot (27 kms) in AJK for improving the present condition of the road so as to transform it to an all-weather 2-lane highway, conforming to international standard. AJK Highway Authority engaged	Kashmir Highway Authority Azad Jammu & Kashmir	Lead - C,D,E, H	Apr-07	Dec-10	291,000	20.00

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		consultants to provide the engineering services for technically sound and economically viable designs, and preparation of tender documents / drawings and estimates & PC-I and to carry out the detailed construction supervision of the road project.	Pakistan					
108	Consultancy Services for Planning, Designing and Construction Supervision of Talli Tangi Storage Dam, Sibbi	Talli Tangi storage dam, located in Sibbi for availability of water at the proposed dam site through comprehensive reservoir on Chakar River 16 miles North East of Sibbi Town. Designed with Flood Discharge of 67,000 cusecs with a catchment area of 573 sq. miles.	National Logistic Cell Pakistan	Lead - B,C, D, E	Mar-07	Mar -10	500,000	N.A
107	Construction Supervision of Wangu Hill - Quba Saeed Khan, Package-V, Gwadar - Ratoderoo Motorway Project (M-8), Khuzdar - Shahdadt Section (M-8), 56 kms	This road section is part of the Gwadar - Ratoderoo Motorway (M-8) with total length of 891.75 km and was divided into five sections for ease in construction and design. This section is part of Khuzdar – Shahdadt Section IV of the project which is 250 km long. This Package V is 56km in length and includes 04 bridges, 502 meters long. ACC was the nominated Engineers Representative for the Project, and the interpretation and implementation of the COCs is the responsibility of the Engineer Representative on behalf of the Client. ACC carried out the detailed construction supervision of the project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – E,F	Jul-06	Dec-17	398,000	17.00
106	Construction Supervision / Design Review of Kalat-Quetta-Chaman Section of N-25 including Design/ Supervision of Cross Border Facility at Chaman (240 kms)	The project involves rehabilitation and upgradation of the National Highway N-25, from Kalat to Chamman via Quetta 240 kms. The road section becomes after its upgradation to a 7.3 m wide asphaltic carriageway with treated shoulders. The project envisages widening and up-gradation of existing road and improvement of road geometry. ACC worked as the Engineers Representative on the Project and was responsible for the construction supervision of the project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	JV - A, C, D, E,F	Jan-06	Dec -09	2,125 ,000	50.00

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 J. Role, Lead firm, JV, IC

Prj. No.	Project Name	Project Description	Name of Client & Country of Assignment	Role - Services Provided	Implementation		Approx. Contract Value/ Amount Paid to Firm US\$	Project Cost US\$ Millions
					Start	Completion		
105	Design and Construction Supervision (Rural Access Roads Package-B) for ADB Assisted NWFP Roads Development Sector and Sub-Regional Connectivity Project, Loan No.2013-PAK (200 kms)	The project involved design review, update of already done designs, detailed engineering design and feasibility study of the rural access roads in the province. The roads are located in the northern part of NWFP. The activities include the feasibility study, environmental studies, resettlement studies, soil studies, traffic studies and analysis detailed engineering design and construction supervision of the roads.	Works & Services Department, Govt. of NWFP, House No.46-A, Street No.19, Shami Road Peshawar Pakistan	Lead - C,D,E,H	Jan-05	Jun-2011	2,200,000	150.00
104	Construction Supervision of Khori-Wangu Hill Road Section, Gwadar - Ratodero Motorway Project, Khuzdar - Shahdadt Section (M-8) - 50 kms	This road section is part of the Gwadar - Ratodero Motorway (M-8) with total length of 891.75 km and was divided into five sections for ease in construction and design. This section is part of Khuzdar – Shahdadt Section IV of the project and 50 km in length. In this Contract, ACC was the nominated Engineers Representative for the Project, and the interpretation and implementation of the COCs is the responsibility of the Engineer Representative on behalf of the Client. ACC carried out detailed construction supervision of the project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – E, F	Oct-04	Dec-20	46,000	20.00
103	Construction Supervision of Wangu Hill Reach, Gwadar - Ratodero Motorway Project (M-8), Khuzdar - Shahdadt Section (M-8), 33 kms	This road section is part of the Gwadar - Ratodero Motorway (M-8) with total length of 891.75 km and was divided into five sections for ease in construction and design. This section is part of Khuzdar – Shahdadt Section IV of the project. Improvement of the road will improve the living standard of the people in the area. In this Contract, ACC was the nominated Engineers Representative for the Project, and the interpretation and implementation of the COCs is the responsibility of the Engineer Representative on behalf of the Client. ACC carried out detailed construction supervision of the project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – E, F	Mar-04	Mar-18	164,000	10.00
102	Traffic Study of Multan Northern Bypass	NHA initiated the project of Multan Northern Bypass Road – Linking N-5 and Multan Mianwali Road (MMR) via Muhammad Wala Bridge to facilitate increasing traffic volume and bypassing city traffic to help relieve city road network from congestion and pressure of extraneous traffic. The project comprise of two	Infrastructure Project Development Facility (IPDF), Ministry of	Lead - A	Jan-12	Mar-12	200,000	N.A

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		sections. The approximate length of Section I (Qadirpur Ran to Muhammad Wala bridge) is 23 km including 2 bridges, width is 7.3m with 3m shoulder on each side, connecting Shuja abad Canal Road with N-5 through Qadirpur Bypass, whereas Section II (Muhammad Wala Bridge to Multan Mianwali Road) is approx. 13 km long, width is 7.3m with 3m shoulders on both sides. Right of way for both of sections is 21.34m. Consultants carried out detailed traffic study and OD survey at different location around Multan city to assess the future traffic of the Multan Bypass.	Finance, Government of Pakistan Pakistan					
101	Balochistan Road Development Sector Project - Detailed Design and Construction Supervision of Provincial and Rural Roads (1045 km Length) Loan No. 2019-Pak ADB	Balochistan Road Sector Development Project involved improvement of about 462 kms provincial highways and about 583 km of rural roads (including 19 bridges, 2480 meters long). Project appraisal reports including the economic analysis were carried out. Detailed design of these roads been carried out including detailed topographic surveys, geo-tech and materials testing, traffic analysis, axle load surveys, OD surveys, geometric and pavement design, hydrological studies and structures design, rate analysis and engineers estimate and contract documentation. Work also involves preparation of contract packages and tender docs. Including detailed implementation plans. The roads were tendered and then the detailed construction supervision based upon FIDIC documents have been carried out.	Communication & Works Department, Gov. of Balochistan / ADB Pakistan	JV - C,D,E,H	Jun-05	Sep-10	6,165,000	N.A
100	Project Appraisal Mission - Design for Southern Punjab Poverty Alleviation Project – Pakistan Contract No.61240-0005 and No. 61240-0005 PO No.0000014505	The GoPb proposed a land reallocation scheme of “Small Houses-cum-Garden Plots for Eradication of Poverty in Punjab (Pilot Project) Phase-I” which was evaluated by an IFAD Project Formulation mission. The mission was tasked to carry out a detailed project design and develop the implementation mechanisms for the project in four selected districts of Southern Punjab. The project scope included infrastructure, agriculture support, livestock interventions, veterinary and para-vet training,	International Fund for Agricultural Development IFAD - Via Paolo di Dono, 44 00142 Rome, Italy	Lead - B,G	Mar-10	May-10	13,000	N.A

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					Start	Completion		
		livelihoods skills training etc with a focus on gender.	Pakistan					
99	Study of Road Management System of Provincial and Local Road Network in Pakistan	The project involves to review the existing road management system of provincial and local road networks in Pakistan and to recommend Improvements in planning and operations, Institutional reforms in construction and maintenance operations, Sustainable financial mechanism and Define issues, suggest Road Management plan and to prepare TOR for JICA technical assistance project.	Japan International Cooperation Agency (JICA) Pakistan	Lead - A	Oct-09	Mar-10	42,000	N.A
98	Technical, Financial and Economic Feasibility Studies Integrated Sugar Plant on an area of 25,000 feddans at El Suki in Sudan	The main objective of this consultancy is to prepare a series of background papers that would contain information on all aspects of agricultural, forests and livestock production, specific by areas and integrated as a comprehensive document. These documents, supported by the area and commodity specific materials would be used for preparing detailed technical, economic and financial feasibility studies. This project contains the Technical, Financial and Economic Feasibility Studies Integrated Sugar Plant on an area of 25,000 feddans at El Suki in Sudan	Federal Ministry of Agriculture and Forests Republic of the Sudan Sudan	Lead - A	Feb-10	Apr-10	280,000	N.A
97	Technical, Financial and Economic Feasibility Studies for Integrated Sugar Plant on an area of 25,000 feddans at Abgar in Sudan	The main objective of this consultancy is to prepare a series of background papers that would contain information on all aspects of agricultural, forests and livestock production, specific by areas and integrated as a comprehensive document. These documents, supported by the area and commodity specific materials would be used for preparing technical, economic and financial feasibility studies. This projects contains the Technical, Financial and Economic Feasibility Studies for Integrated Sugar Plant on an area of 25,000 feddans at Abgar in Sudan.	Federal Ministry of Agriculture and Forests Republic of the Sudan Sudan	Lead - A	Feb-10	Apr-10	280,000	N.A
96	Technical, Financial and Economic Feasibility Studies for Integrated Rice farming (with soya bean) and	The main objective of this consultancy is to prepare a series of background papers that would contain information on all aspects of agricultural, forests and livestock production, specific by areas and integrated as a comprehensive document. These	Federal Ministry of Agriculture and Forests Republic of the Sudan	Lead - A	Feb-10	Apr-10	280,000	N.A

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	processing plant on an area of 25,000 feddan at Jazira Injaid (White Nile rice plantation) in Sudan	documents, supported by the area and commodity specific materials would be used for preparing technical, economic and financial feasibility studies. This project includes the Technical, Financial and Economic Feasibility Studies for Integrated Rice farming (with soya bean) and processing plant on an area of 25,000 feddan at Jazira Injaid (White Nile rice plantation) in Sudan.	Sudan					
95	Technical, Financial and Economic Feasibility Studies for Mixed farming on an area of 100,000 feddans at Um Jawaseer in Sudan	The main objective of this consultancy is to prepare a series of background papers that would contain information on all aspects of agricultural, forests and livestock production, specific by areas and integrated as a comprehensive document. These documents, supported by the area and commodity specific materials would be used for preparing technical, economic and financial feasibility studies. This project includes the Technical, Financial and Economic Feasibility Studies for Integrated Rice farming (with soya bean) and processing plant on an area of 25,000 feddan at Um Jawaseer in Sudan.	Federal Ministry of Agriculture and Forests Republic of the Sudan Sudan	Lead - A	Feb-10	Apr-10	280,000	N.A
94	Technical, Financial and Economic Feasibility Studies for Mixed farming on an area of 25,000 feddans and Dairy and Livestock production and processing at West Umdarman in Sudan	The main objective of this consultancy is to prepare a series of background papers that would contain information on all aspects of agricultural, forests and livestock production, specific by areas and integrated as a comprehensive document. These documents, supported by the area and commodity specific materials would be used for preparing technical, economic and financial feasibility studies. This project includes the Technical, Financial and Economic Feasibility Studies for Integrated Rice farming (with soya bean) and processing plant on an area of 25,000 feddan at Umdarman in Sudan.	Federal Ministry of Agriculture and Forests Republic of the Sudan Sudan	Lead - A	Feb-10	Apr-10	280,000	N.A
93	Technical, Financial and Economic Feasibility Studies Horticulture farming and processing project with on an area of 10,000 feddan at	The main objective of this consultancy is to prepare a series of background papers that would contain information on all aspects of agricultural, forests and livestock production, specific by areas and integrated as a comprehensive document. These documents, supported by the area and commodity specific	Federal Ministry of Agriculture and Forests Republic of the Sudan	Lead - A	Feb-10	Apr-10	280,000	N.A

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	Shandi in Sudan	materials would be used for preparing technical, economic and financial feasibility studies. This project contains the Technical, Financial and Economic Feasibility Studies Horticulture farming and processing project with on an area of 10,000 feddan at Shandi in Sudan.	Sudan					
92	Topographic Survey for In-House Design of Remaining 85 Kms Road Section of Multan – Shujabad-Jalalpur Pirwala Uch Sharif – TMP Section of National Highway N-115.	The project aims at the complete topographic survey for detailed engineering design of widening and improvement of Multan – Trinda Muhammad Panah Road Project. NHA planned to construct this road as per International Standards. The project was designed by NHA through in house Design Experts.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - C,D,F	Jan-10	Apr-10	32,000	50.00
91	Project Formulation for Southern Punjab Poverty Alleviation Project – Pakistan Contract No. 61240-0003 PO No.0000013193	An IFAD mission was fielded to assess the feasibility of the proposed concept from the technical, legal and social perspectives. The mission undertook field visits to the proposed project sites to meet with the intended beneficiaries and discuss the project ideas with them. The IFAD mission objectives were to determine the suitability of the proposed Land Reallocation scheme of the Government.	International Fund for Agricultural Development IFAD - Via Paolo di Dono, 44 00142 Rome, Italy Pakistan	Lead - B,G	Nov-09	Dec-09	13,000	N.A
90	Institutional Development and Management Consultancy - Balochistan Road Development Sector Project Loan No. 2019-Pak ADB	The primary objectives of the services provided by the Institutional Development Management Consultants (IDMC) are: To assist CWD in strengthening capacity for project implementation, road asset management, road maintenance, environmental and social aspects of road development and to assist CWD in Project Implementation support through planning, monitoring, coordination, budget and financial control, project performance monitoring system and ensuring that the	Communication & Works Department, Gov. of Balochistan Pakistan	Lead - A, C, D, H	Jun-05	Jun-09	1,700,000	150.00

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					Start	Completion		
		environment and resettlement plans are satisfactorily carried out.						
89	Sindh Road Sector Development Programme – ADB Loan No.1892 PAK (SF) and OPEC 899-P - Detailed Design and Construction Supervision of Provincial and Rural Access Road Projects (1200 kms)	The project funded by Asian Development Bank includes the improvement of about 164 kms of provincial highways and 1200 of rural access roads and Institutional Strengthening of CWD. ACC was responsible for detailed engineering and construction supervision of over 300 kms of rural access roads in different districts of Sindh. The project was financed by ADB and involves detailed designing, topographic surveys, materials testing and construction supervision on FIDIC basis.	C&W Deptt. Govt. of Sindh / ADB Pakistan	Lead - A,C,D,E,H	Dec-04	Jun-09	1,500,000	100.00
88	Multi-Sector Rehabilitation and Improvement Project in Azad Jammu and Kashmir (MSRIP) – ADB Loan No.2153-PAK (SF) - 110 kms	Multi-Sector Rehabilitation and Improvement Project in Azad Jammu and Kashmir (MSRIP) was funded by Asian Development Bank covering three components i.e. roads and bridges, water supply system and power sector. The activities involved the preparation of project Appraisal Reports, social and economic surveys, Resettlement Surveys, Environmental Surveys and Reports, Topographic Surveys, detailed engineering designs, cost estimates and preparation of bidding documents based upon ADB guidelines.	P&D Deptt. Govt. of AJ&K / ADB Pakistan	JV - A,C,D,H	Mar-06	Feb-09	483,000	N.A
87	Rural Roads Construction Study in Punjab	The purpose of the study to carry out the prioritization and confirm required cost such as construction cost and total project cost, EIRR and operation and affect indicator of the projects through observing current condition of every candidate roads (6 provincial and 24 district and 4 bridges) including Resettlement and Environmental Analysis. Prioritization of roads based upon economic analysis, social & environmental assessment.	Japan International Cooperation Agency (JICA) Pakistan	Lead – A, C, H	Dec-08	Feb-09	48,000	N.A
86	Detailed Design for Rehabilitation of Existing North and South Carriageway and Design of	Capital Development Authority (CDA) undertook the rehabilitation of Kashmir Highway and provision of additional two rigid lanes with each carriageway. The Consultant services involved in depth study for providing sustainable and cost	Capital Development Authority, Islamabad	Lead - C, D	Nov-07	Nov-08	44,000	70.00

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	3rd & 4th Rigid Lanes of Kashmir Highway from Peshawar More to G.T. Road (Both Sides) - 11 kms	efficient engineering solution, detailed engineering designs, costs estimates, traffic studies, tender documents, PC-I and bid evaluation reports.	Pakistan					
85	JBIC Ex-Post Monitoring Survey 2007 in Pakistan. Ex-Post Survey for Metropolitan Water Supply Project (Khanpur I) was done	Ex-Post Survey for Metropolitan Water Supply Project (Khanpur I) was done. The Ex-post monitoring survey, part of post-evaluation and monitoring activities of the Japan Bank for International Cooperation (JBIC), covers all the JBIC-financed Yen loan projects in their second year after completion. Main objectives of the post-evaluation are:- 1. To review the implementation of the project, assess the effectiveness/ impact resulting from the project, and draw valuable lessons to be reflected in future JBIC projects to enhance the quality of JBIC's assistance. 2. To review the current situation, operation, maintenance and management of the completed projects and make recommendations to the Borrower/Executing Agency to ensure proper operation in the future.	M/s IC Net Limited Japan/JBIC Pakistan	Lead - I	Jul-08	Aug-08	14,835	N.A
84	Project Completion Report for Bahawalpur Rural Development Project RSC-C80508 (PAK)	Bahawalpur Rural Development Project (BRDP) was designed to increase rural income and employment and improve the quality of life in a relatively less developed division in Pakistan. Components included rural roads, water course improvements, small scale infrastructure, rural electrification and institutional strengthening.	Asian Development Bank 6 ADB Avenue, Mandaluyong City, 0401 Metro Manila, Philippines Pakistan	Lead - G, I	Jul-08	Aug-08	4,440	N.A
83	Feasibility Study and Detailed Design of Sibbi – Kohlu – Rakhni Road (162 kms).	C&W Department, Government of Balochistan intended to construct Sibbi-Kohlu-Rakhni road (162 km) to provide fast and efficient route for trade related traffic between various remote parts of Balochistan province. The designated route is Sibbi-Talli Tangi-Sharif Tangi – Loekumb – Mawaind – Fazalchell – Kohlu.	National Logistic Cell Pakistan	Lead - A,C,D, H	Jan-07	Aug-08	600,000	50.00

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		The project involves detailed topographic surveys using aerial reconnaissance, materials testing, engineering designs, preparation of tender documents, feasibility study, environmental studies and preparation of PC-I.						
82	Detailed Design and Construction Supervision of Improvement of Sibbi - Dhadar Section of National Highway N-65 (25 kms).	This road from Sukkur to Quetta, designated as N-65 by NHA, is an important section of the national highway network connecting the N-5, N-55 and N-25. This section includes construction of additional carriageway between Sibbi and Dhadar with total length of 25 kms. ACC carried out the detailed design and also responsible for the construction supervision of the Project. In this Contract, ACC was the nominated the Engineers Representative for the Project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – A,C,D,E,H	Nov-04	Jun-08	115,000	6.50
81	Pakistan Infrastructure Implementation Capacity Assessment Study – Contract No.7675918	The study involves the review of the construction industry in Pakistan, its structure and performance. It emphasized to identify the constraints faced by the potential bidders and contractors and the implementing government agencies. It recommended actions which could be adopted by all stakeholders to enhance the industry's capacity and efficiency. The study identified the constraints being faced by the road construction industry and provided recommendations to overcome these in order to meet the demand due to increase in the Public Sector Development Program by Government of Pakistan and capacity of the industry stakeholders to implement the planned large infrastructure projects in the country over the MTFD.	The World Bank Islamabad - 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	IC - A,B,G	Jan-08	Jun-08	30,200	N.A
80	Technical & Concession Management Services i/c Project Engineer and O&M Manager for Lahore-Sheikhupura-Faisalabad Dual Carriageway BOT (115 kms)	The Project of Lahore-Sheikhupura-Faisalabad Dual Carriageway is a Build-Operate-Transfer (BOT) Project. The road length is 115 kms. Lahore, Sheikhupura and Faisalabad have over 25% population of the province of Punjab and thus have immense potential. The existing road from Sheikhupura to Faisalabad was a single carriageway (90 kms) and was improved to dual carriageway. The scope of work consists of	M/s LAFCO (Pvt.) Ltd. (Road Building Operating Company Pakistan	Lead – A, C, D, E, H	Jun-02	Jun-08	4,050,000	66.67

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		Feasibility studies, Detailed Engineering Design, Traffic and Tolling Analysis and Strategy, Contract Administration, Construction Supervision and Management, Operations and Maintenance Management & Concession Management.						
79	Training of Partners Organizations (Pos), PPAF Staff and Verification / Inspection of Construction of Houses in Earthquake Areas	PPAF undertook the Emergency Relief, Rehabilitation and Reconstruction Program (E3RP) under the PPAF-II project funded by the World Bank in 34 union councils in the earthquake affected areas of AJK and NWFP, PPAF's Rehabilitation and Reconstruction (PNR) team and its Partner Organizations (POs) were responsible for the overall supervision of the construction of the houses and quality control. The three union councils i.e. Boi, Dalola and Khokhmang.	Pakistan Poverty Alleviation Fund (PPAF) Islamabad Pakistan	Lead - A, G	May-07	Aug-07	23,334	N.A
78	Feasibility Study and Detailed Design for Upgradation, Widening and Improvement of Fateh Jang – Jand Section of National Highway N-80 (72 kms)	The project consisted of the Preparation of a Feasibility Study and Detailed Design, Preparation of Tender Documents for an additional carriageway, 72 kilometers in length. The project is situated in Punjab Province and forms a part of National Highway N-80 (Turnol – Fatehjang – Jand – Kohat).	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A, C, D	Jan-07	Apr-07	83,000	31.90
77	Feasibility Study and Detailed Design for Dualization of Tarnol – Fateh Jang Section of National Highway N-80 (32 kms)	The project consisted of the Preparation of a Feasibility Study and Detailed Design, Preparation of Tender Documents for an additional carriageway, 32 kilometers in length. The project is situated in Punjab Province and forms a part of National Highway N-80 (Turnol – Fatehjang – Jand – Kohat).	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,C,D	Dec-06	Feb-07	69,000	45.40

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					Start	Completion		
76	Detailed Design, Geotechnical Investigation and Condition Survey for National Trade Corridor (NTC) from Dherki to Sukkur	National Trade Corridor project was envisaged by ADB and includes the rehabilitation of different sections of N-5. ACC carried out the condition surveys, detailed engineering design, geotechnical and soil investigations for the section between Dehrki to Sukkur of National Highway N-5.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,C, D	Nov-06	Dec -06	92,000	150.00
75	Ex-Post Monitoring Survey 2006 on JBIC Financed Projects in Pakistan. i. Bin Qasim Thermal Power Station Unit No.6 Project (I) and ii. Second 220 KV Guddu-Sibbi-Quetta Transmission Project	Ex-Post Survey for the following two JBIC Financed projects has been done:- Bin Qasim Thermal Power Station Unit No.6 Project (I) and (II) Second 220 KV Guddu-Sibbi-Quetta Transmission Project The Ex-post monitoring on JBIC-financed projects is to be done on three of the five evaluation criteria, i.e. 1) Relevance, 2) Efficiency in Implementation, 3) Effectiveness, 4) Impact and 5) Sustainability.	M/s IC Net Limited Japan/JBIC Pakistan	Lead - I	Jul-06	Sep-06	19,287	N.A
74	Detailed design of Surab - Basima - Nag - Panjgur - Hoshab Road of Total Length of 459 kms	Surab-Basima-Nag-Panjgur-Hoshab Road (approximately 459 Kms) was taken by National Highway Authority for improving the present condition of the road so as to transform it to an all-weather 2 lane National Highway, conforming to international standards. The subject road has been federalized and taken over by NHA. Total length of the project was approximately 459 kms. Detailed engineering design including preparation of PC-I and Environment Impact Assessment Report (EIA) has been carried out in this project.	Communication & Works Department, Gov. of Balochistan Pakistan	Lead - A, C, D	Nov-05	Jun-06	138,000	350.00
73	Design of Customs Head Quarter Building in Kabul Afghanistan Contract No.C05-341 / 00038222	Structural Design and Bidding Documents for National Customs & Revenue Head Quarters, 5 storey Building Kabul, Afghanistan, funded by the World Bank. The building is a 5600 square meter office building with conference hall, minister and other senior staff offices, and other features. All procurement documents prepared according to World Bank guidelines.	United Nations Offices for Project Services (UNOPS) Afghanistan	Lead - B, C,D	Jun-05	Mar-06	98,000	5.00

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					Start	Completion		
72	Pre-Feasibility Study for National Trade Corridor Improvement Programme (NTCIP) – Sehwan/Dadu – Ratodero – Rajanpur (M-6) Approx. 470 Kms	NHA engaged consultants to undertake pre-feasibility study for NTCIP. The project comprises of the following sections:- i) Faisalabad – Jhang – Muzaffargarh – D.G. Khan – Rajanpur ii) Khanewal – Lodhran – Summar Sata – Rajanpur (M-5) iii) Sehwan / Dadu – Ratodero – Rajanpur (M-6) (Approx length 470 Kms) iv) Overlay on M2 including Re-alignment for Salt Range v) Wazirabad / Gujranwala – Hafizabad – Pindi Bhattian (M-2 Link) Each section of National Trade Corridor was assigned to different consultant and the Consultant carried out preliminary survey / geographic characteristics, traffic study, OD surveys, cost estimates, cost benefit ratio, GPS survey, structure survey, environmental and social assessment and existing road condition survey. ACC was responsible for the feasibility study of Section III.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,C, D	Nov-05	Mar-06	110,000	200.00
71	Feasibility Study for Road from Ghulam Khan – Khost in Afghanistan	The project involves the preliminary feasibility study of Ghulam Khan to Khost in Afghanistan (Approximately 45 kms) for improving the present condition of the road so as to transform in to an all-weather 2-lane highway conforming to international standards. The project involves conditions survey for roadway and cross drainage structures, traffic counts, rough cost estimates, preliminary feasibility and analysis on HDM-4.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan, Afghanistan	Lead - A,C, D	Nov-05	Feb-06	170,000	100.00
70	Structural Evaluation of Goverdish School Buildings in Nooristan – UNOPS Project (Multiple school buildings)	Structural Evaluation of Goverdish School Building Nooristan built by the communities using traditional construction methods was carried out through self-help basis/USAID and recommendation for the improvements in design to enhance safety.	United Nations Offices for Project Services (UNOPS) Afghanistan	Lead - C,F	Oct-05	Nov-05	9,750	600.00

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					Start	Completion		
69	Review of Procurement Procedures of Pakistan Telecommunication Company Limited (PTCL).	Public Procurement Regulatory Authority (PPRA) has undertaken a review of procurement procedures of major public sector departments, the assignment required review of procurement procedures of Capital Development Authority, re-engineering and design of standard bidding documents, and preparation of procurement manual in compliance with PPRA rules. The overall objective being to bring transparency and efficiency in public procurement of goods, services and works.	Pakistan Procurement Regulatory Authority Islamabad Pakistan	Lead – A,G	May-05	Sep-05	16,670	N.A
68	Supervision of Pakistan Poverty Alleviation Fund, infrastructure component – Phase II	Pakistan Poverty Alleviation Fund (PPAF) Phase II \$USD 238 million program consists of several components including Micro Credit, Community Infrastructure, Training of Partner Organizations (including operation and technical assistance), MIS, health and education. Under the community infrastructure component, over 7,000 sub projects, 300 integrated area development projects, 4 drought mitigation and preparedness projects, and 130 technology intervention projects are planned.	The World Bank Islamabad – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	Lead –E, G	Feb-05	May-05	19,300	238.00
67	Pak Road and Road Sector Assessment Study - ADB TA 4469	To assist ADB in preparing a post completion review of ADB's road sector assistance and contribution in Pakistan. Activities involved field surveys, condition surveys, social/poverty surveys, data collection and analysis, economic analysis and report preparation.	Asian Development Bank 6 ADB Avenue, Mandaluyong City, 0401 Metro Manila, Philippines Pakistan	Lead – A,I	Feb-05	May-05	56,000	56.00
66	Project Completion Report on JBIC Financed Projects. Kohat Tunnel Construction Project & Telecommunication Network Expansion Project	Project Completion Report and Ex-Post Survey for the following two JBIC Financed projects was carried out:- -Kohat Tunnel Construction Project - The project comprise of a tunnel approximately 2.8 km long by passing Kohat town and Dara Adam Khel. -Telecommunication Network Expansion	M/s IC Net Limited Japan/JBIC Pakistan	Lead –A, I	Feb-05	Mar-05	3,000	2989.00

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					Start	Completion		
		-Telecommunication Network Expansion Project.						
65	National Emergency Employment Program Afghanistan	NEEP (National Emergency Employment Project) involves primarily generating employment through provision of basic rural access and labor-intensive construction of infrastructure by communities in all provinces of Afghanistan. MPW and MRRD have been the lead implementing ministries, while UNOPS, CARE and other international agencies have been the implementing partners.	The World Bank, Islamabad– 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Afghanistan	Lead – A,G	Dec-04	Feb-05	12,900	83.00
64	Cross Border Facility and Efficient Transit Facilitation at Chaman, Balochistan ADB TA No.4221-PAK	The project activities involved developing the concept, preparation of plan and complete a package including outline design and specifications, for a pilot cross border facility to be established and operated at the Chaman Border Point. The pilot cross border facility will take cognizance of the environment and opportunities for coordinated operating of immigration, customs, vehicles inspections, and health and other phytosanitary inspection.	Asian Development Bank 6 ADB Avenue, Mandaluyong City, 0401 Metro Manila, Philippines Pakistan	JV – B,C,F	Jan-05	Jul-05	28,508	50.00
63	Balochistan Rural Development and Drought Mitigation Project – ADB TA No.4367	The TA Project entails preparation of drought mitigation program for Balochistan and covers the sectors of livestock, irrigation, small dams, and community infrastructure. Assess the requirements and priorities of communities for physical infrastructure. Review the existing rural road network in Balochistan and identify the improvements in road network needed in Drought affected areas with the consultation of communities in selected areas.	Asian Development Bank 6 ADB Avenue, Mandaluyong City, 0401 Metro Manila, Philippines Pakistan	Lead - A,C,D	Jan-05	Jun-05	12,750	50.00
62	Topographic Survey Work of National Highways all over	Carrying out topographic works of certain portions of existing & proposed National Highways, establishment of permanent	National Highway Authority, M/o	Lead - C,D	Jul-02	Jan-06	110,000	25.00

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					Start	Completion		
	Pakistan (1000kms)	control stations, detail inventory of structures at the given NHA format etc. The work also includes preparation of site topographic maps. Total length of the roads where topographic surveys were carried out were more than 1000kms.	Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan					
61	New MRRD Office Building at Darulaman, Kabul, Afghanistan	Re-engineering of the new 3 storey MRRD office building at Darulaman, Kabul. The building is a 4,000 square meter office building with conference hall, audio video facilities, offices, and other features. All procurement documents prepared according to World Bank guidelines.	The World Bank, Islamabad– 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Afghanistan	Lead – B,C,D	Dec-04	Jun-05	28,827	1.65
60	Post Evaluation Data Collection Survey (PEDACS) 2004 on JBIC Financed Projects in Pakistan.	Conducted the post evaluation survey for the following projects:- <ul style="list-style-type: none"> • Indus Highway Project Phase I & II • Pakistan Locomotive Factory Connection Project • Diesel Electric Locomotives Rehabilitation Project 	M/s IC Net Limited Japan/JBIC Pakistan	Lead - I	Aug-04	Jan-05	45,000	4500.00
59	Construction Supervision of Makran Coastal Highway Project, Ormara Pasni Section II (Km 50-960 to Km 102+081)	This road section is the part of Makran Coastal Highway Project. Makran Highway Project starts from Karachi and ends at Gwadar passing Ormara and Pasni along the shore of Arabian sea. This is an important section of the national highway network connecting Karachi with the new port at Gwadar. In this Contract, ACC was the nominated "Engineer" for the Project, and the interpretation / implementation of the COCs was the responsibility of the Engineer on behalf of the Client. The COCs and bidding documents are based on FIDIC sample documents.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – E,F	Nov-02	Jan-05	230,000	12.04

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					Start	Completion		
58	Drought Emergency Rehabilitation Assistance (DERA) Program – Road Sector Analysis	The DERA program supports the Government's strategy to revive the rural economy after the drought that hit the country in the late 1990s and lasted for nearly four years. Its objectives are to: (i) assist the Government to alleviate the impact of the drought by restoring and improving productive capacity and the livelihoods and incomes of people most severely impacted by the drought; and (ii) help alleviate the macroeconomic impact of the drought through financing essential drought related import costs associated with re-establishing productive capacity.	The World Bank, Islamabad– 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	IC –A, G	Sep-04	Dec-04	3,350	40.00
57	Supervision services for Construction of National Highway N-65 between Dera Allah Yar and Nuttal, 55 Kilometers	This road from Sukkur to Quetta, designated as N-65 by NHA, is an important section of the national highway network connecting the N-5, N-55 and N-25. The general living standard of the inhabitant of the road influence area is below the mark on account of poor infrastructure provisions. There is hardly any noteworthy industry except the recently constructed Uch Power Station. In this Contract, ACC was the nominated "Engineer" for the Project, and the interpretation and implementation of the COCs was the responsibility of the Engineer on behalf of the Client.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – E, F	May-00	Dec-04	342,000	12.15
56	Feasibility Study and Detailed Design to Enhance the Traffic Handling Capacity of Marir Chowk and Gawalmandi Chowk	The project involves the feasibility study and detailed engineering designing of underpasses, flyovers and bridges over Marir and Gawalmandi Chowk, Rawalpindi. These two chowks facing huge problems of traffic congestions in urban areas of Rawalpindi. The project involved detailed topographic surveys, traffic surveys, turning movement surveys, materials testing, detailed designing of bridges and underpasses, costs estimates, economic analysis, PC-I and tender documents.	Rawalpindi Development Authority, Rawalpindi Pakistan	Lead - A,C,D	Aug-03	Dec-04	10,000	7.00

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					Start	Completion		
55	Detailed design review and update of Design of Kalat-Quetta-Chamman Road National Highway N-25 (240 kms).	Design review and updating of the design for the Improvement and Rehabilitation of Kalat – Quetta – Chamman Section of N-25 (240kms) including improvement of alignment, highway geometrics and design of cross drainage structures. The project was financed by Asian Development Bank under the Balochistan Road Development Sector Project.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - C,D,F	May-04	Aug-04	117,000	80.00
54	ADB Assisted NWFP Road Development Sector and Sub Regional Connectivity Project - ADB TA No.4116-Pak	NWFP Road Development Sector Project involves screening and prioritization of more than 2500 km rural and provincial roads, over 200 kms of National Highways including Peshawar Torkhum Section of N-5 and Sarai Gambila to Milana Junction of Indus Highway N-55. National, provincial and rural roads were selected based upon the economic returns. Socio economic and poverty studies, Resettlement and Environmental analysis of core roads i/c rural & and provincial roads and national highways were carried out. Detailed design of 400 kms of core rural and provincial roads was carried out. Work also involves preparation of contract packages, detailed implementation plans and financial layout of the loan.	Asian Development Bank 6 ADB Avenue, Mandaluyong City, 0401 Metro Manila, Philippines Pakistan	Lead - A, B,C,D,H	Oct-03	May-04	289,000	100.00
53	Supervision of Pakistan Poverty Alleviation Fund Project Phase-I Program	Funded by the World Bank, in a short period of three years, the project has delivered through its partner organization (NGOs) over 6,500 Community Physical Infrastructure projects benefiting over 3.7 million persons in 75 districts of Pakistan. These involve review of all operational manuals, environmental monitoring reports, progress reports, benefit monitoring and evaluation, targets and objectives, cost analysis, specifications, community participation, implementation bottlenecks and constraints at both the PPAF and NGO levels.	The World Bank, Islamabad – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	IC -G	Mar-04	Apr-04	6,500	28.00

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					Start	Completion		
52	Review of Procurement Procedures of Capital Development Authority, Islamabad	Public Procurement Regulatory Authority (PPRA) undertook a review of procurement procedures of major public sector departments. The assignment required review of procurement procedures of Capital Development Authority, re-engineering and design of standard bidding documents, and preparation of procurement manual in compliance with PPRA rules. The overall objective being to bring transparency and efficiency in public procurement of goods, services and works.	Pakistan Procurement Regulatory Authority, Islamabad Pakistan	IC - I	May-03	Nov-03	10,000	N.A
51	Preparation of Second Pakistan Poverty Alleviation Fund, infrastructure component	During Pakistan Poverty Alleviation Fund (PPAF) Phase-I \$28 million were provided for 2,500 Community Physical Infrastructure projects benefiting 3.7 million persons in over 75 districts of Pakistan. Projects were implemented through 28 partner organizations (NGOs) of PPAF. The purpose of Appraisal Mission was to evaluate the progress achieved under Phase I and assist the Bank in preparing the Project Appraisal Document for planned Phase-II Program.	The World Bank – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	IC -G	Jun-03	Jul-03	5,200	238.00
50	ADB Assisted Balochistan Road Development Sector Project (BRDSP) - TA No.3897-Pak	BRDS Project involves screening and prioritization of more than 3000 km rural and provincial roads and 500 kms of National Highways using HDM-4. Socio economic and poverty studies of all the project roads including national, provincial and rural roads was done. Resettlement and Environmental analysis of core roads was also carried out. Detailed design of 400 kms of core rural and provincial roads which includes the detailed topographic surveys, geo-tech and materials testing, traffic analysis, axle load surveys, OD surveys, geometric and pavement design, hydrological studies and structures design, rate analysis and engineers estimate and contract documentation. Work involved preparation of contract packages and detailed implementation plans and financial layout of the loan. Work also involved preparation of pre-qualification documents for Contractors.	Asian Development Bank 6 ADB Avenue, Mandaluyong City, 0401 Metro Manila, Philippines Pakistan	JV - A,B, C,D, H	Feb-03	Aug-03	381,000	150.00

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49	Design and Construction supervision of approach road to Shell Depot Chaklala	The project requires rehabilitation and construction of the existing road going towards Shell Oil Depot Chaklala, Rawalpindi and is used by heavy loaded oil tankers. The project has to be deigned to cater for the heavy traffic. By providing a thick layer of WBM, thickness of asphalt was reduced to just 4 inches. For the asphalt refusal density tests and softening point tests were introduced in the specifications.	Shell, Pakistan Pakistan	Lead - C,D,E	Jan-02	Apr-02	10,000	0.50
48	Detailed Engineering design and construction supervision of ADB financed Rural Access Roads Project Phase-I Balochistan - Loan 1185 & 1401 Pak (SF)	The project comprised detailed engineering design and construction supervision of rural roads totaling 188 kilometers. The road projects included major bridges and Construction supervision has been started on the following four project roads including Kingri-Musakhel Road 58.962 kms, Anjira-Zehri Road, 57.850 kms Mangochar-Zard Road 47.420 kms Panjgoor-Gwargo Road 29.390 kms.	C&W Deptt. Govt. of Balochistan / ADB Pakistan	Lead - A,C,D,E	May-95	Dec-01	2,242,000	20.67
47	Detailed Engineering design and construction supervision of ADB financed Rural Access Roads Project Phase-I Sindh - Loan 1185 & 1401 Pak (SF)	The project comprised detailed engineering design and construction supervision of roads totaling 398 kilometers in Districts Dadu, Shikarpur, Sukkur, Nawabshah, Badin and Thatta including several major bridges. ACC (Pvt) Ltd. is the lead consultant for the project. Design stage includes the detailed engineering services and Construction supervision was also provided. The associated firms are responsible for the districts of Nawabsha, Badin and Thatta.	C&W Deptt. Govt. of Sindh / ADB Pakistan	Lead - A,C, D, E	Jun-95	Dec-01	2,056,000	45.00
46	Design of Civil Structures Building Works for 7.5 MW Thermal Power Plant Project at Attock Refinery Limited	A 7.5 MW Power Plant in Attock Refinery Limited, Morgah Rawalpindi was to be constructed for which detailed design and supervision services were provided to the Contractor as a joint venture in this turnkey project. The civil works contractor was responsible for construction of the power plant and ancillary buildings.	Attock Refinery Ltd. Rawalpindi Pakistan	Lead - C, D, E	Oct-99	Mar-01	22,000	22.00
45	Feasibility Study for Design & Construction of Highway on a New Alignment Across Lakh Pass on BOT basis -	The existing alignment has steep gradients of 10 to 14% with sharp hair pin bends. The project envisages a new alignment and extensive cutting of over 85 meters depth in order to improve the gradients to less than 6% and meeting horizontal	M/s Rakhshani Builders, Quetta - # 17, 1 st Floor, Regal Plaza,	Lead - A,C, D	Oct-00	Mar-01	20,000	4.20

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	National Highway N-40.	geometric standards as per AASHTO. The feasibility study was prepared for the National Highway Authority, MOC, Govt. of Pakistan. Later on a Tunnel was proposed and preliminary design of the tunnel was carried out.	Quetta, Balochistan, Pakistan Pakistan					
44	Feasibility Study for Construction of Lahore-Faisalabad Highway on BOT Basis.	The project consisted of the preliminary design and preparation of a Technical and Financial Feasibility Study for a 4 lane divided highway from Lahore to Faisalabad including urban areas and bypasses. Project is to be undertaken on a BOT basis for a concession period of 25 years.	Frontier Works Organization - # 509, Kashmir Road, R.A. Bazar, Rawalpindi Pakistan	Lead - A,B C, D	Oct-00	Mar-01	2,000	75.00
43	Preparation of Shop Drawings for Islamabad - Peshawar Motorway (M1) - 160 Kms	Preparation of Shop Drawings for all the structures including five interchanges, major and minor bridges, railway overhead bridges, underpasses, box culverts and for formwork for structures on Islamabad-Peshawar Motorway Project. Major bridges include bridges over river Indus, Kabul and Haro rivers. The Motorway is a 4 lane facility with 16 meters wide median. All structures and embankment are being constructed for a six lane motorway.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - C, D	Apr-99	Feb-01	260,000	400.00
42	Supervision Services for the Construction of National Highway N-40, b/w Dalbandin and Nokkundi, 86 Km Section III-A	Construction of Section III-A (86 Kms) is a part of improvement of National Highway N-40 from Lakhpass to Nokkundi. The design of this highway from Quetta (Lakhpass) to Taftan, 607 Kms, was also carried out by ACC (Pvt) Ltd. This project is of great regional and international importance as it is a part of the National Highway N-40 and also of the RCD Highway which constitutes the countries only land link with Iran, Turkey and onwards to Europe. In this Contract, ACC was the nominated Engineer for the Project, and the interpretation and implementation of the COCs was the responsibility of the	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - E,F	Feb-94	Feb-01	1,356,000	33.00

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					Start	Completion		
		Engineer on behalf of the Client.						
41	Feasibility Study of Proposal for Khanewal - Lodhran Road on BOT Basis (80 kms)	The project consisted of the preliminary design and preparation of a Technical and Financial Feasibility Study for a 2 lane highway from Khanewal to Lodhran including urban areas and bypasses. Project is to be undertaken on a BOT basis for a concession period of 25 years.	Frontier Works Organization - # 509, Kashmir Road, R.A. Bazar, Rawalpindi Pakistan	Lead - A,C	Oct-00	Jan-01	2,000	20.00
40	Feasibility Study for Lahore - Kahna - Kasur Dual Carriageway on BOT Basis (26 kms)	The project consisted of the preliminary design and preparation of a Technical and Financial Feasibility Study for a 4 lane divided carriageway from Lahore to Kahna and 2 lane highway from Kahna to Kasur including urban areas and bypasses. Project is to be undertaken on a BOT basis for a concession period of 25 years.	Frontier Works Organization - # 509, Kashmir Road, R.A. Bazar, Rawalpindi Pakistan	Lead - A, C	Oct-00	Jan-01	2,000	9.00
39	Feasibility Study for Sialkot - Sambrial Road on BOT Basis (32 kms)	The project consisted of the preliminary design and preparation of a Technical and Financial Feasibility Study for a 2 lane highway from Sialkot to Sambrial including urban areas and bypasses on BOT basis. Project was to be undertaken on a BOT basis for a concession period of 25 years.	Frontier Works Organization - # 509, Kashmir Road, R.A. Bazar, Rawalpindi Pakistan	Lead - A, C	Oct-00	Jan-01	2,000	4.00

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J. Role, Lead firm, JV, IC

Prj. No.	Project Name	Project Description	Name of Client & Country of Assignment	Role - Services Provided	Implementation		Approx. Contract Value/ Amount Paid to Firm US\$	Project Cost US\$ Millions
					Start	Completion		
38	Construction Supervision Services for Contract Package-I (35 Km) of Khuzdar Shahdadkot section of Gwadar Ratodero Motorway (M-8).	Construction supervision of the first 35 kilometers section of the Gwadar Ratodero Motorway (M-8) between Khuzdar and Shahdadkot (208 kms) designed by ACC (Pvt) Ltd. This project is of great regional and international importance as it is a part of the proposed Gwadar Ratodero Motorway (M-8) linking the new Gwadar Port to the main highway networks of Pakistan. Section traverses hilly to mountainous terrain and includes large cut sections and two major bridges. ACC was the Engineer for the Project, and the interpretation, and implementation of the COCs was the responsibility of the Engineer on behalf of the Client.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – E, F	Sep-94	Jan-01	1,085,000	12.20
37	Design vetting and Supervision Services for the Overlay on National Highway N-5 b/w Lahore and Okara (40 kms) i/c rehabilitation / widening of structures and improvement of urban areas - Pavital Sections, Phase-III	Design and Construction Monitoring of Improvement of a 40 km section of National Highway N-5 between Lahore and Okara. The design vetting of this road was also carried out by ACC (Pvt) Ltd. The project is unique in Pakistan as it is based on stabilized catalyzed base product which is a patented material developed by M/s Pavital SpA (Italy). ACC was the nominated "Engineer" for the project, and responsible for the interpretation and implementation of the COCs on behalf of the client.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - E,F	Feb-96	Dec-00	290,000	9.60
36	Supervision Services for the Construction of National Highway N-40, b/w Dalbandin and Nokkundi, 88 Km Section III-B	Construction of Section III-B (88 Kms) is a part of improvement of National Highway N-40 from Lakhpass to Nokkundi. The design of this highway was also carried out by ACC (Pvt) Ltd., In this Contract, ACC was the nominated Engineer for the Project, and the interpretation and implementation of the COCs was the responsibility of the Engineer on behalf of the Client. The COCs and bidding documents are based on FIDIC sample documents. The works were awarded to M/s Stratus IRDO J.V. Iran.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - E	Feb-94	Sep-00	1,440,000	37.00

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35	Highway Rehabilitation and Maintenance Project - Medium Term Highway Sector Investment Plan, World Bank (PK-PE-10539)	Carried out a World Bank funded study for the rationalization and prioritization of the National Highway Authority, Government of Pakistan on going and planned projects. This study included a complete economic analysis using HDM of over 100 ongoing and planned projects of NHA including review of Procurement Contract Documents. Prioritization and rationalization of the projects planned was done for a 5 years horizon. A detailed study of the internal and external debts for NHA projects was also carried out.	The World Bank - – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan / National Highway Authority, GOP Pakistan	Lead - G	Nov-99	Jan-00	10,000	1000.00
34	Institutional Strengthening of National Housing Authority - CR 2829 Pak	The Project specifically focused on capacity building of the NHA's management and an evaluation of appropriate building technology and methods of delivery of the NHA's services nationally in collaboration with the Provinces. The end result to be achieved is strengthening of NHA to enable it to fulfill the charter laid down for it under the National Housing Policy finalized in 1994. The role of NHA is to be a catalyst and facilitator for all Housing Sector activities in line with National Housing Policy.	C&W Deptt. Govt. of Balochistan / The World Bank – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	JV – A,B	Oct-96	Dec-99	297,000	1.157
33	North West Frontier Province - Urban Development Project ADB TA-2940-Pak	The TA for NWFP urban development project covered seven urban towns in NWFP and was in three parts: Part-A focused on sector reforms, and prepared an urban sector development strategy for the NWFP, Part-B provided assistance in institutional capacity building for provincial and local government agencies. Part-C prepared an integrated urban development project followed the Bank's sector lending modality, covered roads, solid waste management, water supply and sanitation, drainage and sewerage, guided land development and housing, slums upgrading, market and commercial facilities, and civil and municipal facilities.	ADB - 6 ADB Avenue, Mandaluyong City, 0401 Metro Manila, Philippines Govt. of NWFP Pakistan	JV - A,C,D	Jul-98	Dec-99	106,000	0.945

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					Start	Completion		
32	Detailed Engineering Design for Widening and Rehabilitation of Ahmed Pur East to Yazman Road, length (60 Kms)	The project consisted of Preparation of Detailed Design, Preparation of Construction Drawings and Tender Documents for Widening and Rehabilitation of Ahmad Pur East to Yazman Road, length 60 Kms and cross drainage structures of various types and sizes. Project was funded by the ADB and the Islamic Development Bank.	Bahawalpur Rural Dev. Project, P&D Deptt. GOP Pakistan	Lead - A,C,D	May-99	Dec-99	20,000	8.50
31	Feasibility Study and Design for the Improvement and Rehabilitation of Bela to Kararo Section N-25 b/w Km 182 to Km 222 (40 Kms)	Feasibility Study and Design for the Improvement and Rehabilitation of Bela to Kararo Section N-25 between Km 182 to Km 222 (40 Kms) including improvement of alignment, highway geometrics and design of cross drainage structures.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,C,D	Apr-99	Jun-99	17,000	8.30
30	Feasibility Study and Detailed Design for the Improvement and Rehabilitation of N-65 Km 90 to Km 155 (from Dera Allah Yar to Nuttal)	Carried out the feasibility study and detailed design for the improvement of National Highway N-65 from Km 90 (Dera Allahyar) to Km 155 (Nuttal). N-65 is the main highway linking the two provincial capitals Quetta and Karachi. The project length designed is 60 km and traverses area with very poor drainage and soil conditions (A6-A7). The project included design of urban areas in DM Jamali and Dera Allahyar.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,C, D	Nov-98	Feb-99	37,000	11.91
29	Consultancy Services for Support During Planning and Implementation of NWFP Community Infrastructure Project - CR-2829 Pak	The project was funded by the IDA/SDC. The personnel provided are part of a larger team working within a Project Management Unit (PMU) set up by the Client. The project focuses on upgrading infrastructure systems and on mobilizing and strengthening community development efforts in approximately 55 communities in NWFP through coordinated activities, which engage the active participation of the concerned communities as well as provincial and local government authorities. The project therefore comprises two main components: Management and Technical requirements and Physical Components.	C&W Deptt. Govt. of NWFP Pakistan	JV - A, C, D	Jul-96	Dec-98	300,000	2.02

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					Start	Completion		
28	Interior Design and Construction of Askari Information Systems Corporate Offices - Turnkey Basis	This was a turnkey interior design and furnishing project for the corporate headquarters of the newly established Askari Information Systems (Pvt) Ltd., Approximately 8,000 sq.ft of floor space was planned and designed for this ultra high tech software development company. All furniture was designed and produced by ACC. The work included design of all concealed ducting for computer cabling and communications, interior paneling, lighting, offices, waiting areas, receptions etc.	M/s Askari Information Systems/AWT Islamabad Pakistan	Lead - A, C, D,E	Aug-98	Nov-98	75,000	1.0
27	Design and Construction Supervision of Crude Decanting Yard and New Crude Tank for Attock Refinery Limited.	Detailed Engineering Design for new crude decanting station inside the refinery and for a new crude tank was carried out. This included detailed designing, preparation of cost estimates, BOQs, construction drawings and tender documents for implementation of design. Design and cost estimation of civil works including approach roads and area preparation. Design of 40 feet wide shed and overhead walkway. Preparation of specifications, BOQs, drawings for implementation of the design, soil testing etc. Design of civil works, including cost estimates, for Oil/Water drains, storm water drains and RCC slabs for covering pipe trenches and drains etc.	Attock Refinery Ltd. Morgah Rawalpindi Pakistan	Lead - A, C, D,E	Aug-98	Nov-98	22,000	2.00
26	Design of Income Tax Offices for Azad Jammu & Kashmir Government	Project comprised of design of multistory office buildings and preparation of detailed architectural and structural drawings and tender documents.	Income Tax Office, AJ&K Pakistan	Lead - C, D	May-98	Nov-98	8,000	3.00
25	Design of Civil Works for Askari Power Plant (50 MW) at Nizampur	Project comprised of design of all civil works for the new 50 MW power plant being constructed by Army Welfare Trust for their cement plant expansion project at Nizampur. The prime contractor for the civil works was M/s Sembawong (Singapore) who awarded the design of all civil works to ACC.	M/s Sembawong, Singapore / Army Welfare Trust Pakistan	Lead - C, D	Jan-98	Oct-98	70,000	5.00
24	Detailed Design and Construction Supervision of Farm to Market Roads Project, Phase-II - Sukkur, and Larkana Districts, Sindh	The project comprises detailed engineering design and construction supervision covering about 164 KM of Farm to Market Roads in the following districts of Sindh Province: 1. Larkana District 92.85 KM 2. Sukkur District 71.00 KM	C&W Deptt. Govt. of Sindh / ADB Pakistan	Lead - A, C, D, E	Apr-91	Jun-97	1,136,000	26.00

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					Start	Completion		
	- ADB Loan No.917 Pak (SF)							
23	Detailed Design and Construction Supervision of Farm to Market Roads Project, Phase-II - Balochistan - ADB Loan No.917 Pak (SF)	Detailed engineering design and construction supervision of the following Farm to Market Roads in the Province of Balochistan were carried out for Nuttal - Gandawa Road, 89 KM, Winder - Bagh Road 24 KM & Loralai - Khanozai Road via Spera Ragha Road, 96 KM.	C&W Deptt. Govt. of Balochistan / ADB Pakistan	Lead - C, D, E	Nov-90	Jun-97	2,600,000	29.00
22	Design Vetting and Supervision Services for the Construction of Overlay on National Highway N-5 b/w Gujranwala and Kharian (57 kms) - Contract 8BI. - 4th IBRD Highway Loan No.2841 Pak	Construction of Improvement of a 57 km section of National Highway N-5 between Gujranwala and Kharian was a part of improvement of National Highway N-5 from Lahore to Rawalpindi under the 4th IBRD Highway Project. In this Contract, ACC was the "Engineer" for the Project, and the interpretation and implementation of the COCs was the responsibility of the Engineer on behalf of the Client. The COCs and bidding documents were based on FIDIC documents.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - C, D, E, F	Jul-93	Dec-96	620,000	19.00
21	Detailed Engineering Design and Construction Supervision of Farm to Market Roads Project, Phase-II - Khairpur District, Sindh - ADB Loan No.917 Pak (SF)	The project comprised detailed engineering design and construction supervision of the following roads totaling 139 kilometers in Khairpur District. The roads include the Thari Mirwah - Mehrabpur Road, 24 KM, Kot Lalu - Akro Road, 23 KM, National Highway to Adam Sultan 10KM, Kumb Kot Lalu to Pholri -Bhango, 17 KM Nara Gate to Tajjal, 30 KM, Mehrabpur to Thari Mirwah via Haji Kabul Mojal, 19 KM, Razidero to Baharo - Sona Bhatti 16 KM	C&W Deptt. Govt. of Sindh / ADB Pakistan	Lead - C, D, E	Jun-91	Dec-96	910,000	20.36
20	Construction Supervision of FHP Contract Section 7a, 7b and 8a, Gujranwala to Kharian Section of 94 kms on N-5 - IBRD Loan No.2841 Pak	The project was a world bank financed project and a part of the Fourth IBRD Highway Project. The scope of work included full construction supervision of highway construction for 94 kilometers in two contract packages and also of four major bridges as a separate contract. Bridges included the Chenab River Bridge of 760 meters length. Quality control and assurance, measurements, processing of IPC, claims, escalations and contract management services were provided.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad / IBRD - 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad,	Lead - E, F	Jan-88	Sep-96	2,270,000	48.50

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					Start	Completion		
			Pakistan					
			Pakistan					
19	Detailed Engineering Design and Construction Supervision of Infrastructure and Township at the Copper Gold Complex Saindak, Balochistan	The project is located at the Saindak Copper Gold mining and refinery complex in Balochistan near Iran border. The work entailed topographic survey, soil investigations, master planning, town planning, housing and commercial areas requirements, detailed design of water supply, sewerage, drainage, roads, electrification, other utilities, preparation of all tender documents and drawings in the design stage. The water supply component alone involved overhead storage tanks, bulk reservoirs, deep tubewells, transportation of water by main pipes across 45 kilometers, pumping stations, internal distribution etc. After award of civil works construction supervision services were provided.	Resource Development Corporation, Quetta Pakistan	Lead –A, C, D, E	Sep-91	Jul-96	180,000	50.00
18	Master Planning, Detailed Engineering Design and Construction Supervision of Infrastructure for the Gulshan-e-Rail Township in Khana Kacha, Lahore	The project entails carrying out master planning of the housing scheme in conformity to the applicable codes. Providing detailed design for all infrastructure, like water supply, sewerage, storm water drains, power, roads, sidewalks, etc.	Federation of Railway Cooperative Housing Society, Lahore Pakistan	Lead - B,C,D,E	Sep-95	Apr-96	70,000	2.00
17	National Procurement Reforms Programme (NPRP) - TF 028753	M/s International Procurement Consultants were awarded the project financed through a grant by the World Bank/IDF. Pakistan National Procurement Reforms programme was developed to report on the relevance and needed modifications of the findings and recommendations of the earlier Sindh Procurement Conference for procurement reform at the Federal and provincial levels and to provide interim procurement guidelines and written principles to guide revision and formulation of federal and provincial laws and rules and to prepare a national training plan for procurement and trainer training.	M/o Finance, GOP/ The World Bank – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	JV – B, C, D	Mar-95	Mar-96	80,000	35.00

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					Start	Completion		
16	Design and Supervision Services for Overlay on National Highway N-5 b/w Lahore and Gujranwala (40 Kms) including rehabilitation/ widening of Structures and improvement of Urban Areas - Pavital Catalyzed Sections	The Project consisted of Design and Construction Monitoring of Improvement of a 40 km section of National Highway N-5 between Lahore and Gujranwala by means of an overlay. The project is unique in Pakistan as it introduced a new technology using a stabilized catalyzed base product which is a patented material developed by the Contractor, M/s Pavital SPA (Italy) which is sort of a rigid pavement. Phase I & II consisting of 20 Km each have been completed. In these Contracts, ACC was nominated as the "Engineer" for the Project, and the interpretation/ implementation of the COCs (FIDIC based) was the responsibility of the Engineer on behalf of the Client.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - C, D, E	Feb-94	Jun-95	106,000	11.212
15	Detailed Engg. Design for World Bank Financed MBRP/RSP-7156, 7157 & 7158 sections of N-5 at Sanjani, Hasanabdal and Wah Cantt 9 kms-Loan 2841-PAK	The scope of work included carrying out investigations, NDT using FWD and data analysis, prepared detailed design and contract documents as per IBRD guidelines for the three contracts under Maintenance Backlog Reduction Program. Design was based on the residual strength of the existing carriageway and present road conditions and traffic volumes.	National Highway Authority, M/o Communication, GOP / IBRD – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	Lead - A, C, D	Jan-95	Mar-95	10,000	3.50
14	Detailed Engineering Design and Technical and Economic Feasibility Study for Gwadar Ratodero Motorway (M-8), Khuzdar-Karkh-Shahdaktot Section 208 km including nineteen major bridges.	A 208 kilometers long highway from Khuzdar City (Balochistan) to Shahdaktot (Sindh) has been designed. This proposed road traverses through some of the most arid and difficult mountainous regions of Balochistan, providing an East-West link for Sindh and Balochistan provinces in addition to being a vital section of the Gawadar - Ratodero Motorway (M-8). The road is a 7.3 meters wide, Asphalt pavement with three meter shoulders. Bypasses for three towns along the route have been provided. The number of major bridges designed in this section is nineteen (19).	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead – A, B,C, D, E	Jun-93	Jan-95	280,000	133.33

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					Start	Completion		
13	Detailed Engineering Design and Construction Supervision of the "RAILVIEW" Township in Rawalpindi	The project comprises master planning and detailed engineering design for the township and the infrastructure. Project included construction supervision of the entire works.	Federation of Railway Cooperative Housing Society, Lahore Pakistan	Lead - C, D, E	May-92	Dec-94	60,000	2.00
12	Detailed Design of National Hhy N-40 & Updating Technical & Economic Feasibility Study for Improvement of Quetta (Lakhpass)-Nokkundi Section (Length 478 kms)	This 478 km long highway was earlier designed as a 6.1 m wide two lanes facility in 1985. NHA subsequently decided to revise the design to 7.3 m standard width pavement with improved geometrics. The project covered the engineering services for redesigning and carrying out re-alignment in nearly 45% of the length. Several bridges and railway overhead passes were also designed. The assignment included soil investigation, traffic surveys, improvement of geometrics, pavement evaluation, overlay design and new highway design in re-aligned reaches. The work also involved more than 1100 cross drainage structures.	National Highway Authority, M/o Communication, GOP, # 28 Mauve Area, G-9/1, Islamabad Pakistan	Lead - A,B, C, D	Aug-93	Dec-94	390,000	191.20
11	Project Preparation of Low Cost Urban Housing Project - 25,000 units in 25 selected districts in Pakistan	The project entailed preparing a cost estimate/feasibility document (PC-I) for a low cost mass housing project entailing construction of 25,000 units in 25 districts of Pakistan.	M/o Local Govt. & Rural Development GOP Pakistan	Lead - C, D	Aug-94	Sep-94	3,000	5.00
10	Socio-Economic Survey, Surface and Ground Water Survey and Soil Survey for Chashma Right Bank 1st Lift Canal Project, D.I. Khan.	The consultancy involved four separate contracts covering: 1. Socio-economic survey, Ground Water Study and Analysis, Surface Water Study and Analysis, and Soil Survey for the proposed command area. 2. The assignment was part of the feasibility study being prepared by M/s Nippon Giken for the Chashma Right Canal 1st Lift Irrigation Project.	Nippon Giken/JICA Pakistan	Lead - A	Jul-93	Feb-94	80,000	1.00

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					Start	Completion		
9	Project Management for Construction of Pira Fatehal Dam and Irrigation Channels	The project entailed the construction of a RCC dam in the Potohar region on a perennial stream and the construction of lined irrigation channels. The main dam was 22 meters in height with a length of approximately 125 meters. Detailed project management services were rendered to the client M/s Vanika Engineers, and the project was completed within the scheduled time period.	M/s Vanika Engineers, Punjab Irrigation Deptt. Pakistan	Lead - A, E	Jul-91	Dec-92	27,000	0.5
8	Project Management for Construction of Tainpura Dam II and Irrigation Channels	The project entailed the construction of a concrete dam on a perennial stream and construction of lined channels. The main dam was 20 meters in height with a length of approximately 75 meters. The project was in a joint venture with the contractor to provide him technical/project management support.	M/s Vanika Engineers, Punjab Irrigation Deptt. Pakistan	Lead - A, E	Jun-91	Dec-92	24,000	0.5
7	Consultancy Services for Water Rights Phase-I and II, & Soil Survey for Development of Irrigation Based Upon Flood Flows of D.G. Khan Hill Torrents.	The study was carried out to support the feasibility of constructing small dams on hill torrents and provide proper irrigation channels for the project area. The project entailed a study of the existing water rights and practices for utilization of water from hill torrents in the DG Khan district, Punjab Mapping of hill torrents, analysis of land holdings and the utilization of flood water for cultivation was carried out.	Nippon Giken/JICA Pakistan	Lead - A, B	Jan-92	Aug-92	25,000	1.00
6	Data Analysis for Feasibility Studies for Prioritization of Rural Roads for Design and Construction under Japanese Funding in NWFP, Sindh and Punjab.	Data provided by the CWD's in the three provinces on candidate roads was analyzed and processed. Road Viability profiles and Economic feasibility studies were prepared for all rural roads based on data provided by the provinces to the SAPROF/OECF mission for evaluation. The objective was to prepare a prioritization listing of all roads for potential funding.	SAPROF Mission/OCEF Pakistan	Lead - A, B	Sep-91	Sep-91	10,000	415.00
5	Feasibility Study for Prioritization of Rural roads for Design and Construction - Balochistan	Economic feasibility studies were conducted for 23 rural roads, a total length of 700 kms, in the districts of Kharan, Punjgur, Bela, Kacchi, Tambu, Jafferabad, Loralai, Pishin, Qilla Saifullah, Zhob, Kalat and Khuzdar in Balochistan. The list of candidate roads was then prioritized for selection under OECF funding. The Road Viability Profiles consisted of Road Scores (in accordance with MLGRD/ADB procedures) and Economic Internal Rates of	C&W Deptt. Govt. of Balochistan Pakistan	Lead - A, B	Jul-91	Sep-91	40,000	45.56

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EXPERIENCE OF THE FIRM IN THE FIELD OF FEASIBILITY STUDY, DESIGN, PROJECT MANAGEMENT & SUPERVISION

A. Feasibility Study
B. Project Planning, Tech Studies
C. Preliminary/Detailed Design

D. Tender Documents
E. Supervision QC/QA/IE
F. Design Review

G. Permanent Staff Individual Consultancy (IC)
H. ESIA, ESMP, RAP

I. Third Party Validation, Post Project Evaluation
J. Role, Lead firm, JV, IC

Prj. No.	Project Name	Project Description	Name of Client & Country of Assignment	Role - Services Provided	Implementation		Approx. Contract Value/ Amount Paid to Firm US\$	Project Cost US\$ Millions
					Start	Completion		
		Return (EIRRs), as well as geophysical profiles for the roads.						
4	Gadoon Amazai Industrial Estate Environmental Impact Assessment Study and Pollution Control, Master Planning, Housing and Township Design.	The project comprised preparation of an Environmental Impact Assessment Statement and master planning for the industrial estate and residential township. A detailed analysis of the type of industries planned, raw materials, process involved, and possible pollutants, and their disposal were covered. Master plan was evaluated to determine shortcomings and recommended improvements.	M/s SEBCON - Sarhad Development Authority Pakistan	Lead - A, H	Jan-91	Apr-91	15,000	2.00
3	Agricultural Sector Energy Conservation - Tubewell Energy Audits and Survey Project	The project entailed field data collection of diesel, electric and tractor driven tubewells throughout Pakistan. The data included measurement of energy consumption, efficiency and condition of pumps, engines, turbines etc.	ENERCON/ Hagler Bailly, USA Pakistan	Lead - A,I, H	Mar-89	Sep-90	50,000	2.00
2	Technical and Economic Feasibility and Detailed Engineering Design of Overlay for Existing Carriageway Gujranwala-Kharian 57 Km section of National Highway N-5, Fourth IBRD Highway Project. Loan 2841 Pak	The project consisted of the Preparation of a Technical and Economic Feasibility Study, Detailed Design, Preparation of Construction Drawings and Tender Documents for improvements by means of an overlay on 57 kilometers of existing highway between Gujranwala and Kharian (National Highway, N-5) and rehabilitation/reconstruction of 175 cross drainage structures of various types and sizes.	National Highways Board, Ministry of Communications GOP, # 28 Mauve Area, G-9/1, Islamabad /The World Bank – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan	Lead - A, B, C,D	Aug-86	Nov-87	344,000	63.00
1	Technical and Economic Feasibility and Detailed Engineering Design of Dual carriageway, Gujranwala -	The project involved the Preparation of a Technical and Economic Feasibility Study and Detailed Design, Preparation of Construction Drawings and Tender Documents as per World Bank Guidelines for an additional carriageway, between	National Highways Board, Ministry of Communications	Lead - A, B,C,D	Aug-86	Nov-87	344,000	63.00

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A. Feasibility Study
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Prj. No.	Project Name	Project Description	Name of Client & Country of Assignment	Role - Services Provided	Implementation Start	Completion	Approx. Contract Value/ Amount Paid to Firm US\$	Project Cost US\$ Millions
	Kharian 94 Km section of National Highway N-5 - Fourth IBRD Highway Project Loan 2841 Pak.	Gujranwala and Kharian (National Highway, N-5). Three major river bridges – Bridge over River Chenab (760 m), Pulkhu (265 m), and Bhimber (275 m), Railway Overhead Bridges at Dinga (240 m) and Wazirabad (36 m), bridge over Upper Chenab Canal (100 m) and one bridge on Wazirabad Bypass (60 m) were designed.	GOP - # 28 Maue Area, G-9/1, Islamabad /The World Bank – 20-A Shaharah-e-Jamhuriat, G-5/1, Islamabad, Pakistan Pakistan					