

General Experiences of the firm: ITECO Nepal (P) Ltd.

GENERAL EXPERIENCE OF THE CONSULTANT (ITECO Nepal)

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
1	Salleri Chialsa Small Hydel Project (Phase II), Solukhumbu District	Directorate for Development Cooperation and Humanitarian Aid (DEH), Federal Government of Switzerland	Detailed narrative design and construction of 400 kW rural electrification project aiming at electrification of villages, district headquarter and supplying power to different small-scale industries and also to Tibetan Carpet Factory mainly for the carpet dye plant. The services provided were complete designing and project execution on a turnkey basis and also included design and construction supervision of the dye house and equipment installation for a electrified dye plant.	Oct-85	1,800,000		✓		✓		✓
2	Micro Hydel Project, Ehang Khola, Bhandar, Surke Khola and Thado Khola, Ramechhap District	Private Parties	Preliminary survey and design to install new water powered mill or improve existing mill to produce electricity.	Aug-85	60,000		✓		✓		✓
3	Jogimara Majhimtar Limestone Quarry Project, Chitwan	Food and Agricultural Organization of the United Nations (FAO)	Feasibility study for the transport of limestone and the quarry exploitation, geological and topographical survey, preliminary design of the quarry exploitation system (rails, conveyor belts, roads) design of the Trishuli River Crossing (road bridges, ropeway, suspended conveyor belt). Economic and Financial Analysis of different alternatives.	Oct-85	125,000		✓			✓	
4	Bhairavkund Small Hydropower Project (200 kW), Tatopani, Sindupalchowk District	ITECO, Switzerland	A 200 kW small hydro power station utilising a natural fall for supplying power to a very important trade point, through which a large volume of trade between Nepal and China takes place.	Aug-86	120,000		✓	✓			

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5	State of Experience Study of Existing Small Hydro Project, Solukhumbu District	ITECO, Switzerland	The aim of the study was to document relevant experience in the area of design, operation, maintenance and management of small hydel projects, currently in operation in Nepal with the view of helping Salleri-Chialsa Small Hydel Project to formulate its own organization set up and tariff rates.	Aug-86	220,000		✓		✓		
6	Wool Dye House Construction, Solukhumbu District	ITECO, Switzerland	Construction of a carpet wool dye house in Solukhumbu District.	Feb-87	70,000		✓		✓		
7	Bibliography of Hill/rural Roads and Bridges in Nepal	International Centre for Integrated Mountain Development, Kathmandu	Preparation of Detailed bibliography of hill/rural roads and bridges in Nepal.	Apr-87	25,000	✓	✓	✓	✓	✓	
8	Conceptual Input Study of Salleri Chialsa Hydel Project, Solukhumbu District	Directorate for Development Cooperating and Humanitarian Aid (DEH), Federal Government of Switzerland	Study into possible approaches to institutional structures in order to address the problems of high operating costs, poor reliability and electricity utilization and the low socio-economic benefits produced by isolated electricity producing systems and recommend the most suitable institutional structures as well as the viable tariff rates and structures for operation and maintenance of this Small Hydel Project.	Feb-87	100,000		✓		✓		✓
9	Flood Disaster Appraisal Project, Sindhupalchowk District	Swiss Development Cooperation (SDC)	Flood Disaster Appraisal includes assessment of damages along Arniko Highway Corridor occurred due to devastating flood event of 1987.	Nov-87	100,000	✓			✓		
10	Charnawati Rehabilitation Project (Phase I), Sindhupalchowk District	Swiss Development Cooperation (SDC)	Construction of 20 m span open Bailey Bridge. Planning and general support in management of Project Logistics/Procurement, Site Supervision and overall	Sep-88	1,400,000	✓			✓		

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			administration in road rehabilitation, approach road, river control works and landslide stabilization for road protection.									
11	Charnawati Rehabilitation Project, Design in Alternative Realignment, Sindhupalchowk District	Swiss Development Cooperation (SDC)	Study for alternative alignment in the Charnawati valley to avoid risks due to triggered landslides.	Jan-88	100,000		✓		✓			
12	High Tension Line Design, Salleri Chialsa Small Hydel Project, Solukhumbu District	ITECO, Switzerland	11 kV High-tension line to Phaplu, Chialsa, Salleri and Khorla load centres (total about 7 km).	Apr-88	180,000		✓		✓			✓
13	Drilling Operations for Charnawati Rehabilitation Project, Sindhupalchowk District	Swiss Development Cooperation (SDC)	The project consists of monitoring of the two most critical sites Kothey (km 75 Arniko highway) and Kalimati (Km 43 of Lamosangu-Jiri Road).	Mar-88	1,200,000		✓		✓			✓
14	Geophysical Survey, Sindhupalchowk - Dolkha District	Swiss Development Cooperation (SDC)	The Project consists of various geotechnical investigations along Arniko and Lamosangu-Jiri Roads.	May-88	80,000	✓			✓			
15	Geophysical Survey, Sindhupalchowk - Dolkha District	Swiss Development Cooperation (SDC)	Planning, supervision and execution of 85 km of Arniko Highway and 110 km of Lamosangu-Jiri Road Ground control surveys for the purpose of aerial mapping of the areas.	Oct-89	1,700,000	✓			✓			
16	Arniko Highway Rehabilitation Project, Sindhupalchowk District	Swiss Development Cooperation (SDC)	Detailed engineering geological survey and inventory of Arniko Highway (km 30 to km 114, chinese border). Inventory maps were prepared. Pavement and structures conditions, existing geological and hydrological conditions and existing vegetative covers were evaluated. Benkelman beam tests, sampling of pavement materials and core drilling in selected landslide areas were executed on the basis of	Feb-90	2,000,000	✓			✓			✓

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			preliminary inventory surveys.									
17	Survey of 36 Drinking Water Schemes in the IHDP Area, Sindhupalchowk - Dolkha District	Integrated Hill Development Project (HMG/SDC)	The project was to evaluate the water supply schemes during handing over phase of IHDP.	Jul-88	88,000		✓		✓			
18	Evaluation of IHDP Drinking Water Schemes, Sindhupalchowk - Dolkha District	Integrated Hill Development Project (HMG/SDC)	Evaluation of drinking 32 water schemes constructed under IHDP financing.	Sep-88	100,000		✓		✓			
19	Survey of 4 Drinking Water Schemes in the SDLP Area, Sindhupalchowk - Dolkha District	Integrated Hill Development Project (HMG/SDC)	The project included evaluation of emergency projects related to drinking water and irrigation during termination stage of Sindhupalchowk - Dolakha landslide project.	Oct-88	220,000		✓		✓			
20	Landslide Surveys, Sindhupalchowk - Dolkha District	Swiss Development Cooperation (SDC/N)	The project consisted of various landslide surveys along Arniko and Lamosangu-Jiri road following the devastating flood event of 1987.	Nov-88	180,000	✓			✓		✓	
21	Arniko Highway Rehabilitation Project/Landslide Monitoring Surveys, Sindhupalchowk - Dolkha District	AHRP/SDC	The project consisted of monitoring of landslides along Lamosangu - Jiri road and Arniko Highway.	Jun-92	510,734	✓			✓		✓	
22	Charnawati Rehabilitation Project (Phase II), Sindhupalchowk	Swiss Development Cooperation (SDC/N)	The Project incorporates new technological application including anchor retaining walls for landslide, subsurface-drilled drains for drainage works and application of tetrapols (CABS) for river training and application of bio-engineering in stabilisation of landslide.	Sep-89	3,200,000		✓		✓		✓	
23	Salleri-Chialsa Small Hydel Project Design/Construction (Phase II), Solukhumbu District	Directorate for Development Cooperation and Humanitarian Aid (DEH), Federal	The project included design and construction of 400 kW small hydropower project under turn-key arrangement.	Aug-89	1,800,000	✓	✓	✓	✓	✓	✓	✓

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		Government of Switzerland										
24	Detailed Engineering Survey and Design of Gorkhe - Manebhanjyang Road, Ilam District	HMG/DOR	The project consisted of detailed survey and design of Gorkhe-Manebhanjyang road (12 km).	Jul-89	63,000	✓			✓			
25	Detailed Engineering Survey and Design of MRM-Bhajani Bhansar Road, Kailali District	HMG/DOR	Detailed engineering survey and design of MRM-Bhajani Bhansar Road.	Jul-89	66,000	✓			✓			
26	Detailed Engineering Survey and Design of Siddha Vikas Marg, Kaski District	HMG/DOR	Detailed engineering survey and design of Siddha Vikas Marg.	Jul-89	43,200	✓			✓			
27	Status Survey of Drinking Water Supply Schemes in IHDP Area, Dolakha - Sindhupalchowk	Integrated Hill Development Project (HMG/SDC/N)	Evaluation of drinking water projects undertaken during IHDP period.	Sep-89	503,000		✓		✓			
28	Hetauda-Kathmandu Ropeway Rehabilitation Project	HMG/MOWT	The project consists of preparation of Hetauda-Kathmandu Ropeway including costing for the implementation.	Oct-91	40,000	✓			✓			
29	Charnawati Rehabilitation Programme (CHRP), Phase III, Dolakha District	Swiss Development Cooperation (SDC)	The project was implemented as a normal project under client-consultant-contractor model using FIDIC model and consisted of further rehabilitation measure to provide definite solution at Charnawati Crossing.	Nov-91	6,000,000	✓			✓			
30	River Training Projects (Karnali River - 30 km), Bardiya District	HMG/DOI	Survey and design of river training work along 30 km length of Karnali river.	Jul-90	109,700		✓					✓
31	River Training Projects (Tinau River - 47 km), Butwal District	HMG/DOI	Survey and design of river training works along 47 km length of Tinau river.	Jul-90	160,000		✓			✓		
32	Feasibility Study and Design of Baitadi -	HMG/DOR, Design Section	The project consisted of review of existing alignment, socio-	Feb-91	850,000	✓			✓	✓	✓	

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	Darchula Road Project (BDRP), Baitadi - Darchula District		economic, feasibility study and detailed design of 20 km stretch etc.									
33	River Training Projects (Babai River - 42 km), Banke - Bardiya District	HMG/DOI	The project consisted of river training works along 42 km length of Babai River.	Jul-90	144,725		✓			✓		
34	Detailed Engineering Survey and Design of Chitwan Banpath (9 km), Chitwan District	HMG/DOR	The project consisted of detailed engineering survey and design of a part of Chitwan - Banpath road (9 km).	Jun-90	260,000	✓				✓	✓	
35	Detailed Engineering Survey and Design of Chaurjhari - Jajarkot (4 km), Jajarkot - Rukum District	HMG/DOR	The project consisted of detailed engineering survey and design of a part of Chaurjhari - Jajarkot road (4 km).	Jun-90	260,000	✓			✓		✓	
36	Road Flood Rehabilitation Project (RFRP), Arniko Highway Rehabilitation, Sindhupalchowk	HMG/DOR	Landslide stabilization, road improvement and river protection works along km 62-87 of Arniko Highway.	Oct-93	4,000,000	✓			✓		✓	
37	Bhalubang-Pyuthan Road Assessment, Pyuthan District	HMG/DOR, Design Section	The project consisted of geotechnical assessment of Bhalubang - Pyuthan road.	Jan-91	25,000		✓		✓			
38	Salleri Electricity Utilization Project (Phase II), Solukhumbu District	ITECO Switzerland	The project consisted of detailed engineering survey and design and erection of HT and LT lines for SELUP.	1992	200,000		✓		✓	✓	✓	
39	Road Feasibility Study and Engineering Design for Rapti Development Project, Dang - Rolpa District	USAID/Nepal	Feasibility assessment and engineering design for improvement of an existing 30 kilometer tractorable track from Ghorahi to Holeri to motorable standard and construction of a 45 km mule track from Kapurkot to Jinebang in the Rapti Development area. The Rapti Project Mid Term Evaluation Teams recommended these roads for implementation.	Dec-91	1,350,000	✓						
40	Charnawati Area Maintenance,	SDC/N	The project consisted of maintenance of the works at	Jun-93	1,605,000	✓			✓		✓	

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	Sindhupalchowk District		Charnawati area by local consultant.									
41	Detailed Engineering Survey and Design for Second Road Improvement Project a) Section 1: Gaighat - Okhaldhunga - Salleri (169 Km, b) Section 2:Tulsipur - Sallyan (47.7 km) for Rapti and Sagarmatha Zone.	HMG/DOR	The project consisted of detailed engineering survey and design of SRIP roads: Gaighat-Okhaldhunga and Tulsipur-Salyan roads including the 198 m length tunnel between ch 13+159 and ch. 13+357 along right bank of Sunkoshi just after Karkuss VDC at 232 to 253 masl.	Oct-93	20,000,000	✓			✓		✓	
42	Road Flood Rehabilitation Project, Arniko Highway Rehabilitation, Sindhupalchowk District	HMG/DOR	The project consisted of rehabilitation of 10 most critical stretches along Arniko Highway (km 62 - km 90).	Dec-93	9,500,000	✓			✓		✓	
43	Road Flood Rehabilitation Project, Thankot - Naubise Road Rehabilitation, Kathmandu-Dhading District	HMG/DOR	The project consisted of rehabilitation of 16 critical sites along Thankot - Naubise Road.	Mar-94	6,162,142	✓			✓		✓	
44	Karnali Multipurpose Hydropower Project (Bridging Studies), Kailali District	Himalayan Power Consultants	The project was related to the Karnali Multipurpose Hydropower Project, environmental aspects to bridge the lacking information.	Jun-92	350,000		✓		✓	✓	✓	
45	Adhoc Study for Preparation of an Implementation Plan for Environmental Measures in Bhutan, Phase I	FAO, Rome	The project consisted of geotechnical studies, design and trial implementation of environmental measures along Lateral highway and Bartsam feeder roads - 99 km.	Oct-92	US\$ 46,000	✓		✓	✓	✓	✓	
46	Study of New and Renewable Energy Resources, all over Nepal	UNDP/Nepal	The project included study on alternative forms of new and renewable energy resources.	Nov-93	750,000		✓	✓	✓	✓		

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47	Masterplan Study For Water Resources Development of Upper Karnali & Mahakali River Basins, Chameliya, Seti, Bheri, Lohare (Darchula, Bajhang, Surkhet, Dailekha)	JICA	The study included Geotechnical works and Master plan study for water resources development of upper Karnali and Mahakali river catchments.	Mar-93	2,500,000		✓		✓	✓	✓
48	Arniko Highway Maintenance Project, Phase I, Package 2, Sindhupalchowk District	AHMP/SDC	The project consisted of detailed survey, investigation, design and preparation of reports and documentation for road corridor works between km 30 - km 57 of Arniko Highway.	Jan-96	15,588,000	✓			✓		✓
49	Adhoc Study for Preparation of an Implementation Plan for Environmental Measures in Bhutan , Phase II	FAO, Rome	The project consisted of design of stabilization measures along Lateral highway and Bartsam feeder roads of Bhutan - 150km.	Sep-93	350,000	✓			✓		✓
50	ICIMOD - NORAD MMHP Project, Lamjung District	ICIMOD	The project consisted of preparation of video documentary on status of MMHP and review of manufacturing technologies.	Nov-93	1,000,000		✓		✓		
51	Prithvi Highway Rehabilitation Project, Dhading District	Scott Wilson Kirkpatrick	The project consists of rehabilitation of 40 km length of Prithvi highway following disaster during monsoon 1993.	Jul-94	4,500,000	✓			✓		
52	Tribhuvan Highway Rehabilitation Project, Makawanpur District	DOR/KfW	The project consisted of rehabilitation of TRP including Bhainse and Trikhandi bridge and 10 other critical spots along Bhainse-Hetauda Section.	Dec-94	8,000,000	✓			✓		
53	Evaluation of Town Development Fund Board (TDFB), various places	KfW, Germany	The project consisted of evaluation of TDFB's projects at 20 different municipalities of Nepal.	Sep-94	180,000		✓				
54	Pre-appraisal of Rural Infrastructure in Dhading, Gorkha and	KfW, Germany	The project consisted of pre-appraisal study of rural infrastructures in Dhading, Gorkha	Dec-94	432,000	✓			✓		✓

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	Lamjung District		and Lamjung including green roads.									
55	Hazard Mitigation in the Northern Sun Koshi and Bhote Koshi Water Catchment Areas (HMWA), Nepal	Swiss Government National Service of Hydrology & Meteorology	The project consisted of identification and study of instabilities in the water catchments area of Bhote Koshi river along Arniko Highway.	Jul-95	21,31,567.00	✓						
56	RMP - Resealing Training of Dhangadhi - Godawari Road, Dhangadhi District	RMP/DOR	The project consists of resealing training for Road Maintenance Project under ODA finance for Dhangadhi-Godawari road.	Oct-96	3,996,000	✓					✓	
57	Detail Engineering Design & Soil Investigation of Jalad Bridge, Dhanusha	HMG/DOR	The Project consists of Jalad bridge of double span of 60 m.	Jul-96	445,000		✓				✓	
58	Detail Engineering Design & Soil Investigation of Nara Dhutaha Bridge, Parsa	HMG/DOR	The project consists of Nara Dhutaha bridge of single span bridge of 22 m.	Jul-96	415,000		✓				✓	
59	Detail Engineering Design and Soil Investigation of Rapti Bridge, Chitwan District	HMG/DOR	The project consists of 300 m length of RCC bridge having 9 spans.	Jun-96	879,000		✓				✓	
60	Detail Engineering Design and Soil Investigation of Barharwa Bridge, Rautahat District	HMG/DOR	The project consists of Barharwa Bridge of 150 m length having 4 spans.	Jul-95	329,000		✓				✓	
61	Detailed Feasibility Study of Sallyan-Musikot Road, Sallyan - Rukum District	HMG/DOR	The project consists of detailed feasibility study and review of alignment of 60 km roads of Kharibot - Musikot Sector. The study included social-economic aspects.	Aug-96	340,000	✓					✓	✓
62	Economic Feasibility Assessment & Detailed Engineering Design of Ghorahi - Holeri Road and Kapurkot - Jinabang Mule track in Rapti, Dang - Rolpa	USAID/Nepal	The project consists of 30 km Motorable road from Ghorahi to Holeri and 37 km of Mule track from Kapurkot to Jinabang. The study included socio-economic studies.	Dec-91	350,000	✓				✓		✓

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	District											
63	Feasibility study and Design of Rehabilitation of Malekhu- Dhadingbesi Road, Dhading District	DOR/KfW	The project consisted of Feasibility Study and Design of Malekhu - Dhadingbesi road (21 km).	Jul-96	40,000,000	✓			✓			
64	Detailed Feasibility Study of Tawa Khola Irrigation Sub-Project, Udayapur District	HMG/DOI/DIO Udayapur	Detailed Feasibility Study included socio-economic studies as well.	Aug-95	330,000		✓			✓	✓	
65	Feasibility Study of Tadi Small Hydropower Project, Nuwakot District	NEA,Rural Electrification & Small HP Directorate	Field investigation, site selection survey and socio-economical evaluation of Tadi SHP Project.	Sep-95	650,000		✓			✓		
66	Kailash Pandhero Water Supply Scheme, Makwanpur District	ITECO AG, Switzerland	Detailed Survey Design and Construction of Water Supply Scheme for ward no. 7 of Bhainse VDC.	Jun-93	400,000		✓			✓		
67	Inventory Study - Micro Hydropower Project in Okhaldhunga District	WECS	Identification of most feasible potential microhydropower sites in Okhaldhunga district. The study included socio-economic aspects.	Jul-95	250,000		✓		✓		✓	
68	Detailed Study of Treatment Plant for Birendranagar Water Supply Project, Surkhet District	HMG/DWSS	Review of Existing systems, Design of new Water Treatment Plants.	Sep-95	139,000		✓			✓	✓	
69	Detail Survey and Design of District Road, Sunsari - Jhapa District	DOR/HMG	Detailed Survey and Design of district roads along Tarhara - Pakali, Hasposa - Chatara, Inarwa - Buder, and Jhapa, Bajinathpur-Salakpur Road.	Jul-97	1,000,000	✓				✓		
70	Software Development and Training on Pavement and Retaining Wall Design	TBW Consulting Engineers Austria	Software Development and Training on Pavement and Retaining wall Design to Sr. engineers of PWD/Bhutan.	Nov-95	110,000	✓						

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71	Detailed Feasibility Study and Design of Samari Bridge, Bagjhora Crossing and Bhainse-Hetauda Road (14 km) Project (RSBB), Makawanpur District	KfW, Germany	Feasibility study, Detailed Design of the replacement of a very old Samari bridge at Bagjhora Crossing - a problematic area of debris flows and slides, Bhainse-Hetauda Roads and Construction Supervision.	Mar-96	SFr. 486,281 (NRs. 19,504,730)	✓	✓			✓	✓
72	Detailed Study of Treatment Plant and Distribution pipeline Network for Pithuwa Water Supply Project., Chitwan District	DWSS/Chitwan	Survey, investigation and detailed design of the treatment plant and network analysis of the pipeline.	Jun-96	250,000		✓			✓	✓
73	Energy Resource and Consumption Profile of the Far Western Development Region	WECS	Preparation of energy resources and consumption profile, preparation of an autile of the secondary rate by resource and by sector and design of a detailed methodology for the preparation of energy profiles.	Jul-96	564,200		✓		✓	✓	
74	Design, Constriction supervision and Installation of Tangting Micro Hydropower Village Electrification Project (27 kW), Kaski District	Annapurna Conservation Area Project / ADB	Detailed investigation, survey, design, construction supervision supply of all components, installation, distribution and operation of the micro-hydropower plant (27 kW) and training of operators.	Nov-96	2,700,000		✓		✓		✓
75	Damak - Chisapani District Road Survey, Jhapa District	DOR/HMG	Survey and Design of 35 km district road	Jun-97	415,000	✓			✓	✓	✓
76	Design and Supervision of Resealing Training Contract, Dhangadhi District	DOR/HMG	Survey, evaluation and quantification of pavement works from Dhangadhi to Godawari including construction supervision.	Feb-97	4,000,000	✓				✓	
77	Annual Surface Distress Survey and Road Roughness Survey on Strategic Road Network, all over	DOR/HMG	Measurement of roughness of road using bumps indicators and assessment of state of road pavement by visual inspection throughout all strategic road	Jul-97	985,000	✓			✓	✓	

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	Nepal		networks of Nepal.									
78	Road Feasibility Study Project, Rolpa, Baitadi, Dhangadi District	DOR/HMG	Feasibility study of 60 km road along Sulichour-Liwang, Shribhavar-Purachaudi and Budar Mill - Dobato road. The study included socio-economic aspects.	Jul-97	715,000	✓			✓		✓	
79	Bridge Inventory Study, all over Nepal (271 Bridge)	RMP/DOR	Preparation of Inventory of Bridges	Aug-95	600,000		✓		✓	✓	✓	
80	Higher Education Project, TU, Kathmandu District	Tribhuvan University	Institutional Building Design	Dec-97	2,859,180		✓		✓			
81	Indrawati Hydropower Project, Sindhupalchowk District	NADCO	Review of Feasibility Study	Oct-97	130,000		✓		✓		✓	
82	Baglung District Micro Hydel Project, Baglung District	REDP/UNDP	Detailed Design of Micro Hydroelectric Power Project	Sep-97	227,200		✓		✓		✓	
83	Tanahun Micro Hydro Project, Tanahun District	REDP/UNDP	Detailed Survey and Design of Baidi - 30 kW, Kau Shivapur - 40 kW	Feb-98	208,400		✓		✓		✓	
84	Molung Khola Small hydropower Project, Okhaldhunga	SHP/NEA	Detailed Engineering Design, 1200 kW, Okhaldhunga	Jun-97	1,100,000		✓		✓		✓	
85	Bridge Remedial Works, Kathmandu District	RMP/BU/DOR	Detailed Survey and Design of Remedial Works for Bridges Bishnumati Bridges at Gongabun and Nayabazar, Dhobikhola Bridges at Chabahil Bijulibazaar and Bagmati Bridge at Sinamangal, Dhobi Khola bridges at Armadi Arch Bridge at Baglung.	Jul-98	1,100,000		✓		✓		✓	
86	Arniko Highway Project, Phase II, Package 1, Sindhupalchowk District	AHP, DOR/SDC	Detailed Survey, Investigation, Design and Contract Documentation for Road and off-road works along Section 3 of Arniko Highway (Km 57 - Km 88). The project also consisted of Monitoring of Landslides at km 50+500, 51+800 and 74+000.	Feb-96	11,048,910	✓			✓		✓	

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						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
87	Hill Agriculture Development Project, SINKALAMA Irrigation Program	HMG/MOI/DOI	The project consisted of preparation of manual for survey, design and construction of small hill irrigation systems in Sindhupalchow, Kavrepalanchow, Lalitpur and Makwanpur.	Feb-92	4,000,000	✓			✓		✓
88	Road Maintenance Rehabilitation Project Second Year Periodic Maintenance, Banke/Bardia/Surkhet District	DOR/HMG / IDA	Design and Construction Supervision of 114 km road along Nepalgunj - Guleria, Chisapani-Surkhet Highway.	Jun-99	31,800,000	✓				✓	✓
89	RMRP - Strategic Highway Roads Rehabilitation Programme, Mugling - Narayanghat Tansen Syangja District	DOR/HMG / IDA	Survey, design and construction supervision	Jun-99	19,500,000	✓			✓	✓	✓
90	RMRP - Strategic Feeder Roads Rehabilitation Programme, Birgunj - Kalaiya, Tansen - Tamghas, Nepalgunj - Bhagauda	DOR/HMG / IDA	Survey, design and construction supervision	Jun-99	33,300,000	✓			✓	✓	✓
91	Detailed Design and Construction Supervision of Samari Bridge, Bagjhora Crossing and Bhainse-Hetauda Road (RSBB), Makwanpur District	KfW, Germany/DOR	Detailed design and construction supervision of Samari Bridge and Bagjhora Crossing; Pavement of off-road structures of 11 km Bhainse - Hetauda Road	Dec-98	1,630,000(Sfr)	✓			✓	✓	✓
92	Feasibility Study and Environmental Impact Assessment of Likhu-Khola Medium Hydropower Project (52 MW), Okhaldhunga	Nepal Electricity Authority	Feasibility Study of 51 MW Likhu Khola Medium Hydropower Project, Environmental Impact Assessment Study, 46 km access road survey, Geotech and seismic study. The study included socio-economic and environmental aspects.	Dec-98	14,083,784		✓		✓		✓

General Experiences of the firm: **ITECO Nepal (P) Ltd.**

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
93	Design and Construction Supervision of Road Pavement on the RMP, Resealing Contract, Package-12 along km 854+000 - km 878+000 (Bhada-Bhurigaun) Section of Mahendra Highway, Bardiya District	DOR/HMG / IDA	Detail design and Construction Supervision of Road Resealing and Pavement Works with DBSD on the RMP, Resealing Contract, Package - 12 along km 854+000 - km 878+000 (Bhada-Bhurigaun) Section of Mahendra Highway.	Jun-99	8,100,000	✓				✓	✓
94	Bayarghari Trail Suspension Bridge Project, Syangjha District	SBD/DOR	Design, effective supervision and execution of fabrication, galvanization and camp, transportation and civil construction work of the pedestrian foot trail bridge	Nov-94	5,350,000		✓			✓	✓
95	Consulting Services for 2nd Phase Detailed Engineering for Stormwater Drainage with Pavement in Damak Municipality, Jhapa District	TDF / KfW	Engineering field survey and detailed design of storm water drainage system of Damak Municipality Phase 2	Jan-00	532,650		✓			✓	✓
96	Road Maintenance and Development Project (RMDP), Rehabilitation Component. Tansen - Syangja, Tansen - Ridi - Tamghas, Lumbini - Taulihawa Roads, Gulmi, Palpa, Taulihawa District	DoR/HMG / IDA	Consultancy Services to update Economic Feasibility, Engineering Design and carry out Social and Environmental Assessment.	Jun-99	2,494,428	✓			✓	✓	✓
97	Upgrading of the Malekhu-Dhading Besi Road, Rehabilitation of the Thopal Khola Bridge, Dhading - Chitwan District	KfW, Germany	Design and Construction Supervision and Rehabilitation and new construction of Trisuli Bridge, Thopal Khola Bridge and Upgrading of Malekhu-Dhading Besi Road	Jun-02	10,610,000	✓			✓	✓	✓
98	Development of Technical Audit	Ministry of Physical Planning and	To Develop a Technical Audit Capacity at the Chief Technical	July-03	10,250,000	✓		✓	✓	✓	✓

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
	Capacity of Chief Examiner Section (DTAC), MOPPW	Works, RMDP DOR/HMGN /IDA	Examiner Section (CTES) of MOWT and conduct of semi annual third party technical audit and financial review of RMDP activities of four new projects under the development programs of DoR/HMGN								
99	Strengthening Project Implementation Practices Project	HMG/Asian Development Bank (TA 3306)	Review and compilation of existing regulation, preparation of Directive and Introduce Modern Project Management Methods through conducting different workshop and training with all stakeholders	Mar-02	9,300,000	✓	✓	✓	✓	✓	✓
100	Situation Analysis and Strategy Planning for Storm and Waste Water Management of Biratnagar Sub-Metropolitan City, Morang District	TDF / KfW	Field survey of existing storm and wastewater drainage systems, status evaluation and planning and design. Investigation of appropriate management methodology of the Project.	Mar-02	1,300,000	✓	✓		✓	✓	✓
101	Sunkoshi Small Hydropower Project, Sundhupalchowk District	Sanima Hydropower (P) Ltd.	Feasibility study of 2.6 MW Small Hydropower including detail topographic survey, geological and hydrological investigation, initial environmental examination, detail engineering design, construction planning and financial analysis	June, 2001	1,003,600		✓			✓	✓
102	Lab Building and Allied Works, Kaski District	Higher Education Project	Detailed design and construction management of Lab and Allied Works of Prithvi Narayan Campus	Jun-00	2,573,788		✓		✓		✓
103	Detailed Engineering Survey, Soil Investigation and Detailed Design of Kalangagad Bridge	DOR/HMG	Detailed engineering survey, soil investigation and detailed design	Sep-99	423,350		✓				✓
104	Basic Design Study on the Project for Improvement of Kathmandu Water Supply facilities	JICA	Basic Design Study on the Project for Improvement of Kathmandu Water Supply facilities	Dec-00	752,200		✓				

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
105	Detailed Engineering for storm water drainage system in Hattigaunda, Dihigaun, Baguwa neighborhoods in Bidur Municipality.	TDF/ KfW	Field survey of existing storm and waste water drainage systems and detail engineering design of drainage system.	Dec-00	260,000		✓		✓	✓	✓
106	Pre-feasibility study of Drainage / sewerage projects in Tansen, Tamghas, Baglung, Kusma, Sandikharka, Damauli and Putalibazar.	DWSS	Field survey and design of storm water drainage and sewerage system and preparation of cost estimate.	Apr-01	634,000		✓		✓	✓	✓
107	Feasibility Study of New International Airport at Lumbini	Civil Aviation Authority of Nepal (CAAN)	Review of air transport system and preliminary design of airport. Second International Airport Project. Air traffic Air traffic study and layout plan based on ICAO framework. Determination of cost, preparation of plan for approach and landing aids.	Jul-00	2,596,000		✓			✓	✓
108	Design and Supervision of Maintenance, Rehabilitation and Improvement of Rural Roads in Kapilvastu district.	HMG/IDA	Prepare the detailed designs, cost estimates and bid documents, supervision of the works ensuring the desired quality based on environmental friendly green road concept involving user's group. Technical and managerial assistance to the DDC. Ensure the roads selected for rehabilitation or minor upgrading on priority basis.	Jun-02	700,000	✓				✓	✓
109	Survey, design, cost estimate, supervision of maintenance, rehabilitation and improvement of rural roads in Dhading district.	HMG/IDA	Prepare the detailed designs, cost estimates and bid documents, supervision of the works ensuring the desired quality based on environmental friendly green road concept involving user's group. Technical and managerial assistance to the DDC. Ensure the roads selected for rehabilitation or minor upgrading on priority basis.	Jun-02	680,000	✓			✓		✓

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
110	District Roads Support Program (DRSP)	HMG/SDC	Produce reports, plans, estimates and support DDC technical staffs in studies and surveys. Introduce simple techniques and systems to use local resources and technology for road maintenance, rehabilitations and construction operations in an effective, efficient way using environmental friendly green road concept involving the user's group of local people.	Feb-04	6,500,000	✓			✓		✓
111	Initial Environmental Examination of Rural Electrification Schemes Project	NEA/Environmental Division	Initial environmental examination studies of seven districts and rural electrification scheme (package - 2) monitoring and evaluation of Ramechhap, Sindhuli, Mohattari Sarlahi, Rautahat, Parsa and Dhading districts.	Feb-04	1,181,163		✓		✓	✓	✓
112	District Transport Master Plan (DTMP)	DDC, Bhaktapur	Preparation of District Transport Master Plan to guide the spatial arrangement of rural settlement to as well as towns, markets and services center of district.	Feb-02	153,853	✓			✓		✓
113	Small Towns Water Supply and Sanitation Sector Project (Packages Trijuga and Fikkal)	DWSS / ADB	Detailed engineering design and construction supervision of Fikkal, Ilam and Trijuga, Udayapur	Feb-03	8,108,513		✓			✓	✓
114	Upper Sagarmatha Agricultural Development Project	Department of Agriculture and Cooperatives / ADB, USADP	Construction supervision of Okhaldhunga - Phaplu and Jayaramghat - Halesi - Diktel Environmental - Friendly Roads	Jun-02	26,758,061	✓			✓		✓
115	Pancheshwar Multipurpose Project	Nepal - India Joint Project Office - Pancheshwar Investigation (JPO-PI)	Study of infrastructure facilities for Pancheshwar Multipurpose Project.	Jun-02	2,031,465	✓			✓		✓
116	Screening and Ranking of 5 -10 MW 25 Small Hydropower Projects in Gandaki, Karnali and	Department of Electricricity Development	Screening and Ranking Study of 50 SHP Projects on 5-10 MW Small Hydropower Projects in Koshi, Gandaki and Karnali river	Feb-02	2,486,000		✓		✓	✓	✓

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area				
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study	
	Koshi Basins of Nepal		basins of Nepal									
117	Bagmati Area Sewerage Project, Updated Master Plan	High Powered Committee for Implementation and Monitoring of Bagmati Area, BASP	Feasibility Study and Detailed Engineering Design to Update Master Plan for Bagmati Area Sewerage Project	May-03	1,122,000		✓		✓			✓
118	Dhobi Khola Corridor Improvement Project (Package - 1)	Kathmandu Valley Mapping Programme (KVMP)	Planning and Engineering Design of Macro-Infrastructure Facilities of Dhobi Khola Corridor Improvement Project	Oct-02	646,470	✓			✓			✓
119	Department of Education, Thimphu School planning and Building project Topographical Survey of 104 Nos School Sites in Bhutan)	RGOB	Department of Education, Thimphu School planning and Building project Topographical survey of School Sites	Mar-03	7,520,000		✓		✓	✓		✓
120	Human Resource Development Programme Package No. 55 Semi-Skilled Computer Training Programme., Illam, Mechi	Human Resource Development Programme under Ministry of Science and Technology HMG, Nepal, Singh Durbar, Kathmandu	100 People were trained on Computer Operator Semi - Skilled Level at Illam district, Mechi Zone.	Oct-02	589,208		✓		✓			
121	The Basic Study for Rural Electrifications through Small hydropower Development in Rural Hilly Area in Nepal, All Regions in Nepal.	Japan International Cooperation Agency (JICA)	The study included basic study for rural electrification through development of small hydropower in remote hilly areas of Nepal. The projects included schemes 100 kW - 2000 kW in areas that not be served by national grid during the next decade (i.e. 2002)	Feb-03	7,700,000		✓		✓	✓		✓
122	Topographic Survey, Middle Marsyangdi Hydroelectric Project, Bhoteodar, Lamjung	FICHTNER JV, Germany	A topographic survey to acquire the necessary data for the design work for 600 ha within the future reservoir, tunnel alignment and survey 15 ha at the new powerhouse site of the Middle	Jan-00	4,000,000		✓		✓			✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
123	Reconstruction and Rehabilitation of Flood Damages along the Strategic Road Network - Arniko Highway (Km 38 to km 86)	Department of Roads in Association with Swiss Agency for Development Cooperation	Marsyangdi Hydroelectric Project. Detailed survey and rehabilitation for the repair of damaged sections of the listed sites such that the traffic flow is assured in Arniko Highway by making the interventions on time and such a manner that further damage can be prevented safeguarding the road assets and earlier investments.	Nov-2003	1,500,000	✓			✓		✓
124	Geotechnical Investigation at Kalidaha Landslide Section of Nayapul - Kirne Road, Dolakha District	Himal Power Limited	The project is conceived for undertaking the geotechnical investigation of Kalidaha Landslide at km 4+000 in Nayapul to Kirne road. The road is a part of Lamasangu - Ramechhap Feeder Road. The road was constructed as an access road to Khimti Hydropower.	April 2003	1,200,000	✓			✓		✓
125	Rural Access Program (RAP), Hilepani - Jayaramghat - Diktel Environment Friendly Road	Department for International Development (DFID)	Verification of the detailed design, survey and design of the new alignment using environment friendly concept, preparation of Users' Groups for construction, construction of two environment friendly roads namely Hilepani - Jayaramghat and Jayaramghat - Halesi - Diktel and recommendation for payment as well as submission of project final report and As Built Drawings.	Jun-04	17,600,000	✓			✓		✓
126	Topographic Survey, Middle Marsyangdi Hydroelectric Extension Project, Bhotedar, Lamjung	FICHTNER JV, Germany	The Middle Marsyangdi extension Hydroelectric Power Project is being undertaken by NEA with FICHTNER JV as engineering Consultant. The project required upgrading of capacity of 15 MW which required further extension topographical and geotechnical investigation.	Apr-03	1,000,000		✓		✓		✓

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
127	Small Towns Water Supply and Sanitation Sector Project - Package No. - 11 (Bardibas, Kamalamai and Surunga)	Department of Water Supply and Sewerage / ADB	The project consists of feasibility study, detailed engineering design and construction supervision of small towns water supply and Sanitation projects in towns of Kamalamai, Bardibas and Surunga. The project also consisted training to the users beneficiaries and management issued as well as technical trainings.	Feb-04	15,150,000		✓			✓	✓
128	Road Network Development Project (RNDP), Eastern and Central Regions of Nepal	Ministry of Physical Planning and Works, RNDP, DOR/ADB	The project consists of detailed engineering design and construction supervision of different roads of eastern and central regions of Nepal. Pauwa Bhanjyang-Phidim (24km), Damak-Gaurigunj (22km), Urlabari-Bardanga (28km), Biratnagar-Rangeli-Bardanga (39km), Hile-Basantapur (26km), Basantapur-Chainpur-Khandbari (96km), Dolalghat-Chautara (25km), Border (Kakarvitta) (6km) and Belbari-Chauraha (East-West Highway) (140km) Roads.	Dec-08	220,000,000	✓			✓	✓	✓
129	RMDP, Silgadhi - Sanfebagar Road Project (66 km)	Ministry of Physical Planning and Works, RMDP, DOR/IDA (Cre No. NP-3293)	The project consists of upgrading the gravelled road to sealed standards in the municipality areas, construction supervision of road surface by re-gravelling and overlaying in gravel works and review of design and cost estimation of project.. Total road length is 66.600 km long for spot improvement and upgrading road.	Jun-05	14,017,320	✓			✓		✓
130	Kamerotar Land Pooling Project, Madyapur Municipality	Ministry of Physical Planning and Works, Kathmandu Valley Town Development	The project consists of detailed topographic survey, cadastral survey, survey of existing socio-cultural feature, socio-economic survey, land pooling and	Dec-03	472,890	✓	✓		✓		✓

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
		Committee	preparation of existing land use, landscape maps and architectural planning and preparation of well developed land use plan for residence purpose, infrastructure planning (includes 150 km road, 150 km drainage and water supply facilities, electricity and telephone), preparation of cost estimate and financial analysis.								
131	RMRP, Tansen - Tamghas Road Project (75 km)	Ministry of Physical Planning and Works, RMDP, DOR/IDA (Cre No. NP-3293)	Construction and upgrading of feeder roads, including resettlement assistance, environmental management and monitoring and technical assistance for design, project coordination and construction supervision. Rehabilitation of selected strategic highways and feeder roads, periodic maintenance of strategic roads and policy reform and institutional strengthening and training.	Jun-05	13,090,292	✓			✓		✓
132	Strategic Environment Assessment (SEA) of National Water Plan	Water and Energy Commission Secretariat (WECS) Ministry of Water Resources, HMG Nepal	The National Water Plan (NWP) is being prepared by Water and Energy Commission Secretariat (WECS) in support of the World Bank, based on approved "Water Resource Strategic, Nepal 2002" for rational utilization of country's water resources. A rigorous environmental assessment of the plan, using the SEA tool, is being carried out to ensure environmental soundness and sustainability.	Jul-03	US\$ 31,646.00	✓	✓	✓	✓	✓	✓
133	Situation Analysis and Strategy Planning for Strom Water Management of Malangawa	TDF / KfW	Design and detail engineering for core area drainage rehabilitation and extension in Malangawa Municipality.	Feb-04	500000.00		✓			✓	✓

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area				
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study	
	Municipality (K2G-006-F), Bara District											
134	Institutional Strengthening Component under Road Maintenance and Development Project (IDA Credit No. 3293-NEP)	DOR / Kathmandu	Institutional Strengthening for Department of Road	Dec 2000 – Sep 2006	12,817,000	✓	✓		✓	✓	✓	
135	Narayanghat-Mugling Highway under Maintenance and Development Project, Road Rehabilitation Component	Departments of Road, Kathmandu	Conduct a walkover survey to assess the condition of damaged sites, damaged sites form getootechnical, engineering geological and hydrological/river engineering point of view, survey of cross section, remedial/mitigation works, quantity estimates for rehabilitation, prepare documentation brief narrative report, design and submit to DoR	Apr-04	2,500,000	✓			✓		✓	
136	Forest Hydrological Research in Hoopa Valley	Hoopa Valley Tribal Council	Monitoring and evaluation of forest and road management practices, Gathering of baseline data afor GIS model.	Sep-00	US\$ 50,000.00							
137	Drainage and Sewerage Project in Sindhuli / Bhaktapur / Ramechhap Towns	DWSS/HMG Nepal	Engineering field survey and detailed design of storm water drainage system of Sindhuli/Bhaktapur/Ramechhap	Sep-04	400,000							
138	Road Corridor Environment Improvement Study of (a) Prithvi Rajmarg (Naubise-Mugling 84 Km) and (b) Birgunj-Kalaiya (12 Km) Road, Department of Roads, Geo-Environment Unit	DoR, Geo-environment Division	Road Corridor Environment Improvement Study of (a) Prithvi Rajmarg (Naubise-Mugling 84 Km) and (b) Birgunj-Kalaiya (12 Km) Road, Department of Roads, Geo-Environment Unit	2005	202,200	✓			✓		✓	
139	Transport Connectivity Sector Project TA NEP-4347 Candidate	DoR/ADB	Prepare 10 years transport connectivity Programme, Focus on technically feasible, economically	July 05	45,00,000.00	✓	✓		✓		✓	

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
	<p>Feeder Roads: Road Upgrading, Phidim - Taplejung (86 km), Okhaldhunga - Diktel (60km), Sunkoshi - Okhaldhunga (17 km), Tamakoshi-Manthali - Khurkot (69 km), Baglung-Beni-Jomsom (96 km) Road Improvement/Widening: Kathmandu-Suryabinayak (10 km), Bhaktapur - Changunaryan (6 km), New Construction: Okhaldhuna - Salleri (47km), Besishar - Chame (65 km), Chayngthapu - Gopetar-Myanglung (160 km), Ramechhap - Okhaldhunga (140 km), Ring Road Tinpile - Okharpauwa - Kolpu (25 km), North South Road: Widening/Upgrading Syaprubesi - Trishuli - Galchhi (80 km), New Construction Jomsom - Mustang 115 km)</p>		<p>viable and socially and environmentally sound, recommend to Government measures to be strengthen to manage and operate the road network safely and efficiently. Proposed methods to strengthen local contractors capabilities to improve and maintain roads. (Total length of Roads 972 km) Foreign Consultant US \$ 3,37,000 and Local US\$ 63,000</p> <p>Name of Projects Road Upgrading, Phidim - Taplejung (86 km), Okhaldhunga - Diktel (60km), Sunkoshi - Okhaldhunga (17 km), Tamakoshi-Manthali - Khurkot (69 km), Baglung-Beni-Jomsom (96 km) Road Improvement/Widening: Kathmandu-Suryabinayak (10 km), Bhaktapur - Changunaryan (6 km), New Construction: Okhaldhuna - Salleri (47km), Besishar - Chame (65 km), Chayngthapu - Gopetar-Myanglung (160 km), Ramechhap - Okhaldhunga (140 km), Ring Road Tinpile - Okharpauwa - Kolpu (25 km), North South Road: Widening/Upgrading Syaprubesi - Trishuli - Galchhi (80 km), New Construction Jomsom - Mustang 115 km)</p>								
140	Detail Engineering Survey, Design, Drawings, Cost estimate, IEE with Cadastral mapping & survey report preparation of Bhojpur -	Office of District Development Committee, Bhojpur, Rural Access Programme (RAP)	Detailed Engineering survey, Design, Drawings, Cost Estimate, IEE with Cadastral mapping and survey report preparation of Bhojpur - Ghodetar (Bhojpur Section), District Road Bhojpur (46.648 Km)	2005 - Aug 2008	US\$ 0.052 million	✓	✓		✓		✓

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area				
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study	
	Ghodetar (Bhojpur Section) District Road - Bhojpur (46.648 km)											
141	Road Maintenance Rehabilitation Project (RMRP), Institutional Strengthening and Training Component	Department of Roads, Babarmahal, Kathmandu	The project objectives of the Road Maintenance and Development Project (RMDP) included institutional strengthening and training support to the DOR and MoPPW, new construction (using labor-based environmental-friendly road construction techniques) and upgrading of about 450 km road in different regions of Nepal, rehabilitation of about 200 km of strategic roads, periodic maintenance of various links of the strategic road network. (DHV-ITECO-CMS JV) International Experts 61.43 mm Domestic Experts <u>266.60mm</u> Total Expert 382.03 mm	2006	US\$ 0.237 million	✓	✓		✓		✓	
142	Thulo Dhunga" Medium Hydropower Project (24.7 MW)	Swiss Development Co-operation/ His Majesty's Government of Nepal	The "Thulo Dhunga" power plant is a run-of-the river scheme utilizing the hydraulic potential between the Solu Khola and the Dudh Koshi river. It has a design discharge of 4.85 m ³ /s, which is exceeded in the Solu Khola during 80% of the year. A diversion weir, without reservoir leads the water to the lateral intake. A tunnel of 5320 m length and a diameter of 2.50 m bridge the water to the Dudh Kosi valley. The penstock has a diameter of 1.5 meters and a total length of 1440 m. In the powerhouses 6 turbine/generator units produce 24.7 megawatt power and 200 GWh/a out of which 180 GWh/a are firm. The	Jun-96	21,00,000	✓	✓		✓		✓	

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area				
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study	
			overall cost for the power plant amount to 25000 million Nepal Rupees or 60 million us\$.									
143	IEE Study of Kathmandu - Bhaktapur Road Project	DoR, Geo Environment Division	IEE study of upgrading of Kathmandu – Bhaktapur Road Project	Dec-2005 to Feb 2006	152,550	✓						
144	North-South Fast Track Project (Kathmandu-Janakput-Nighgad and by pass Hetauda) ADB TA NEP 4842	ADB.DoR	Detailed feasibility study road design, tunnel design, cost estimate, preparation of design report, Responsible for feasibility study of four alternative roads and tunnel design and preparation of engineering report and drawings. The project feasibility of Alternative 1A: Kathmandu – Kulekhani-Bhaine - Pathyaiya 88.30km and including tunnel 13Km, Alternative 2B: Kathmandu – Kulekhani Dovan- Bhimphe-di-Hetauda –Pathalaiya 82.50KM and including 6.75Km tunnel, Alternative 3A: Kathmandu-Chhatiwan-Nighgad – Pathaliya 98.8Km including 1.4Km tunnel, Alternative 3B: Kathmandu-Thingan-Hetauda-Pathlaiya 96.2km including 1.4km tunnel). Including 110 Bridge preliminary study along the Fast Track Road Project	March-2007 to April 2008	\$84,000	✓	✓		✓	✓	✓	
145	Rural Access Improvement and Decentralization Project (RAIDP) Grant H171-NEP, Project Support Component	WB, DoLIDAR	20 Districts Rural roads construction and design checking and quality control works under Rural Access Improvement and Decentralization Project (RAIDP) Grant H171-NEP, Project Support Component	Sep-2005 to May 2010	27,766,000	✓	✓		✓	✓	✓	
146	Road Users Satisfaction survey (RUSS) 40 Locations	Road Board Nepal	Preparation of Policy Guideline for Road Users Satisfaction survey (RUSS) 40 Locations within Nepal	Aug-2006 to Jan 2007	2,604,467	✓	✓	✓	✓	✓	✓	

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S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area				
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study	
	within Nepal under Road Board Nepal		under Road Board Nepal									
147	<i>A Case of Khageri Irrigation Project, Chitwan. Resettlement and Impact on Watershed Management and Social Integrated</i>	<i>Water & Energy Commission Secretariat (WECS)</i>	<i>A Case of Khageri Irrigation Project, Chitwan. Resettlement and Impact on Watershed Management and Social Integrated</i>	2000	129,910						✓	✓
148	<i>The Study of Water Ability 20 nos Small Scale Irrigation Sub-projects: Motirai Kulo ISP (Lalitpur), Larakwa ISP Mohatari, Bighi ISP (Mohattari), Gadauli Khola ISP (Sindhuli), Mainabati ISP (Sihara), Kamala Uttarahini ISP (Siraha), Sewa Khola ISP (Ilam), Sipani NISP (Sindhupalchowk), Baradei NSIP (Tanau), Karma NISP, Hapur Gurji Khola NISP (Dang), Saili Kulo NSIP (Palpa), Ranjeet Kulo NSIP (Lamjung), Kalputar SISP (Nuwakot), Laukhat SISP (Sarlahi), Chilingdin SISP (Panchthar), Phaktep SISP (Panchthar), Malum Khola SISP (Ilam), Bardeotar SISP (Sindhuli), Phalanto SISP (Sindhupalchowk) districts in Nepal</i>	<i>DOI. Irrigation Mgt Division System Mgt & Training Program</i>	<i>The Study of Water Ability 20 nos Small Scale Irrigation Sub-projects: Motirai Kulo ISP (Lalitpur), Larakwa ISP Mohatari), Bighi ISP (Mohattari), Gadauli Khola ISP (Sindhuli), Mainabati ISP (Sihara), Kamala Uttarahini ISP (Siraha), Sewa Khola ISP (Ilam), Sipani NISP (Sindhupalchowk), Baradei NSIP (Tanau), Karma NISP, Hapur Gurji Khola NISP (Dang), Saili Kulo NSIP (Palpa), Ranjeet Kulo NSIP (Lamjung), Kalputar SISP (Nuwakot), Laukhat SISP (Sarlahi), Chilingdin SISP (Panchthar), Phaktep SISP (Panchthar), Malum Khola SISP (Ilam), Bardeotar SISP (Sindhuli), Phalanto SISP (Sindhupalchowk) districts in Nepal</i>	2000	75,000		✓		✓	✓	✓	✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
149	Detailed Feasibility study of Tawa Khaola Irrigation sub Project, Udayapur	DOI	Detailed Feasibility study of Tawa Khaola Irrigation sub Project, Udayapur	1994-1995	330,000	✓	✓		✓		
150	Desk Works, Field Surveys and Detailed Feasibility Report on Add-on Mini Hydro Plant and Transmission Line Extension of Salleri Chialsa Electricity Plant (400kW)	Salleri Chialsa Electricity Company (SCECO) Solukhumbu Nepal	Desk Works, Field Surveys and Detailed Feasibility Report on Add-on Mini Hydro Plant and Transmission Line Extension of Salleri Chialsa Electricity Plant (400kW), Preparation Bid documents, Cost estimate etc	June 2007 –June 2008	1,200,000		✓		✓		✓
151	Detailed Feasibility study and Detailed Engineering Design of Water supply and Sanitation component of Towns under Batch - IV , Package II Mahendra Nagar (Sunsari), Sandhikahrka (Agrghakhanchi, Tamghas (Gulmi) and Karaiya Makhar (Rupndehi)	DWSS/ADB	Detailed Feasibility study and Detailed Engineering Design of Water supply and Sanitation component of Towns under Batch -IV , Package II Mahendra Nagar (Sunsari), Sandhikahrka (Agrghakhanchi, Tamghas (Gulmi) and Karaiya Makhar (Rupndehi)	Dec 2007 – Sep 2008	90,27,462.93	✓	✓		✓	✓	✓
152	Construction of Headworks of Sikta Irrigation Project, (34,000 ha) at Banke District	Dol	Construction of Headworks of Sikta Irrigation Project, (34,000 ha) at Banke District	July 2006 to Jan. 2011	34,759,636		✓			✓	✓
153	Detailed survey and Engineering design of Likhu IV Hydroelectric Access Road (45 kms) including Likhu Bridge design (50m span) and Leti Bridge (20m span) design of RCC Bridge, at Ramechhap district	Green venture (P) Ltd.	Detailed survey and Engineering design of Likhu IV Hydroelectric Access Road (45 kms) including Likhu Bridge design (50m span) and Leti bridge (20m span) desiogn of RCC Bridge, at Ramechhap district	Nov 15, 2007 to April 15, 2008	2,143,654	✓			✓	✓	✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
154	Detailed survey and Engineering design of Kathe Khola Bridge design (23m span) at Baglung district.	District Road Support Program (DRSP)	Detailed survey and Engineering design of Kathe Khola Bridge design (23m span) at Baglung district.	Oct 2007 to Dec 2007	363,000		✓		✓	✓	✓
155	Detailed survey and Engineering design of Balephy Hydroelectric Access Road (26 kms) including Chanaute Bridge design (50m span) Sindhupalchowk district	Green Venture (P) Ltd.	Detailed survey and Engineering design of Balephy Hydroelectric Access Road (26 kms) including Chanaute Bridge design (50m span) Sindhupalchowk district	Dec 2007 to March 2008	1,220,400		✓		✓	✓	✓
156	Detailed survey, Soil investigation, and detailed design of RCC Multiple Cell Box Bridge design (39.50m span) Kulariya bridge at Kulariya Nala of District and RCC T-Girder Bridge (37.32m span) Roda Bridge Roda Khola of Kailali district.	GON DoLIDAR, Trail Bridge Section	Detailed survey, Soil investigation, and detailed design of RCC Multiple Cell Box Bridge design (39.50m span) Kulariya bridge at Kulariya Nala of District and RCC T-Girder Bridge (37.32m span) Roda Bridge Roda Khola of Kailali district	Jan 2007-June 2007	485,900	✓	✓			✓	✓
157	Detailed survey, Soil investigation, and detailed design of Steel Truss Bridge at Madi Khola of Lamjung district bridge span 65m RCC Multiple Cell Box bridge 27.60m span at Jidi khola of Tanahu district.	GON DoLIDAR, Trail Bridge Section	Detailed survey, Soil investigation, and detailed design of Steel Truss Bridge at Madi Khola of Lamjung district bridge span 65m RCC Multiple Cell Box bridge 27.60m span at Jidi Khola of Tanahu district.	Jan 2007-June 2007	565,000	✓	✓			✓	✓
158	Preparation of Detail Project Report (DPR) Likhu Hydropower Project (120MW), at Ramechhan and Okhaldhunga districts.	Green Venture (P) Ltd.	Preparation of Detail Project Report (DPR) Likhu Hydropower Project (120MW), at Ramechhan and Okhaldhunga districts.	Mar 2008 to Oct 2008	65,600,000	✓	✓		✓		✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
159	Community Management Irrigation Agriculture Sector Project (CMAISP-Irrigation Sub-Projects Feasibility Study and Subprojects Implementation Plan of Shikharkateril. S.P & Tersolulo I.S.P, Kavre district and Ikudha I.S.P & Teleshoar Mahadev I.S.P Lalitpur District Package "C"	DoI / ADB	Feasibility Study and Subprojects Implementation Plan of Shikharkateril. S.P & Tersolulo I.S.P, Kavre district and Ikudha I.S.P & Teleshoar Mahadev I.S.P Lalitpur District Package "C"	Nov 2007 to July 2008	1,539,851				✓	✓	✓
160	Preparation of Detail Project Report (DPR) Likhu I (65MW), Likhu II (50MW) and Likhu A (60 MW) Hydroelectric Projects at Ramechhap and Okhaldhunga districts.	Pan Himalayan Energy (P) Ltd. Global Hydropower Associate (P) & Numbur Himalaya Hydropower (P) Ltd., Dugar-Niwas, Kantipaths	Preparation of Detail Project Report (DPR) Likhu I (65MW), Likhu II (50MW) and Likhu A (60MW) Hydroelectric Projects at Ramechhap and Okhaldhunga	Jan 2009- March 2010	11,56,70,958.40				✓	✓	✓
161	Bhutan Farm Roads Projects (6 Roads)	Bhutan	Detailed engineering design for quantities survey, cost estimation and controlled, report preparation of Agriculture Road "Farm Roads" Talila to Golling, Zhtmgang Road (13kms), Langchemphu to Bajrangi (5.5 kms), Phedi to Nainital (5.4kms), Bulli to Nimshong Road (Phase II) (14.2kms), Tinkarbari to Silambi Road 10.1 kms (Phase II), Tsangchutham to Khamethang Road (6.5kms) district Dzongkhag Bhutan..	December 2008	USD 25,000	✓	✓		✓		✓
162	Detailed survey, soil investigation and design 9 Bridges under Department of Roads Design and Planning	DoR, GON	Detailed survey, soil investigation and design 9 Bridges under Department of Roads Design and Planning section bridges are namely Bhaluwahi River Bridge	March 2009	4,200,000	✓	✓			✓	✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
	section bridges		(99.16m) Parsa district, Bhus Nadi Bridge (21.76m) Danusha district, Chandrabati (Gangol) Nadi (24.76m) Parsa District, Dudhaura Khola Bridge (65.36m) Bara district, Dulaniya Nadi Bridge (39.56m) Mohattari district, Jamuni Nadi Bridge (24.76m), Pasaha River Bridge (90.16m) Bara district, Rangpur Khola Bridge (78.56m) Parsa and Tilabe Nadi Bridge (97.16m) Parsa district.								
163	Bishnumati Link Road Upgrading Sub-Project (2.7kms) 4 lane Road.	Kathmandu Metropolitan City Urban & Environmental Improvement Project (UEIP) Project Implementation Unit (PIU), ADB	Detailed Engineering Design and Construction Supervision for Upgrading of Bishnumati Link Road Sub-Project under Urban and Environmental Improvement Project ADB Loan No. 1966 NEP (SF)	April 2010	56,14,607.00	✓	✓				✓
164	Detail Survey and Engineering Design for Road Upgrading Works <u>100kms of roads</u> under Road Improvement Project (Package C) Department of Roads.	Department of Roads.	Responsible for engineering survey, design of geometry design of roads, retaining structures, cross drainage structures, drainage system of around <u>100kms of roads</u> and geo-technical investigation for laboratory test and drilling works under Road Improvement Project (Package C) Department of Roads. Detail Survey and Engineering Design for Road Upgrading Works ❖ Maldhunga – Beni Feeder Road (13kms) ❖ Tokha – Gurjebhanjyang – Chhahare Feeder Road (24kms), ❖ Sankhu – Melamchi Feeder Road (37kms) and	December 2009	3,600,000	✓	✓	✓	✓	✓	✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area				
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study	
			❖ Ameliya – Tulsipur Road detailed National Highway (NH) (26kms)									
165	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge Over Mewa Khola in Taplejung district.	Bridge Project, DoR	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge Over Mewa Khola (Chiya Bhanjyag, Ganesh Chowk Road). The length of the Bridge is 20 m with two span (20 x 2 = 40m-RCC T-Beam) in Taplejung district	June 2010	630,540.00	✓	✓		✓			✓
166	Detailed Engineering Survey, Soil Investigation and Detailed Design of Permanent Bridge Over Seti River in Tanahu District For Upper Seti Storage Project .	NEA	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge Over Mewa Khola (Chiya Bhanjyag, Ganesh Chowk Road). The length of the Bridge is 20 m with two span (20 x 2 = 40m-RCC T-Beam) in Taplejung district	April 2010	786,480.00	✓	✓		✓			
167	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge Over Dharke Khola (Mahesh Khola) at Dhading, Nepal.	Bridge Project, DoR	Detailed Engineering Survey, Soil Investigation and Detailed Design of Permanent Bridge Over Seti River, with the length of 20m having four span (20x4=80.0m-RCC T-Beam) in Tanahu District For Upper Seti Storage Project.	April 2010	476,295.00	✓	✓		✓			
168	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridges over (Package No 5; BU-DSD- 4/66/67) ❖ Dhamana Khola	Bridge Project, DoR	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge (Package No 3; BU-DSD- 3/66/67) ❖ Dhamana Khola in Sunsari District, Nepal (25x1 Span= 25m- RCC T-Beam) ❖ Kesaliya Khola in Sunsari	April 2010	720,488.00	✓	✓					✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
	in Sunsari District ❖ Kesaliya Khola in Sunsari District		District, Nepal (25x2 Span=50m- RCC T-Beam)								
169	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge (Package No 4) BU-DSD- 4/66/67) <ul style="list-style-type: none"> Judi Khola Bridge in Morang District Sunsari Khola Kuti Bridge in Sunsari District 	Bridge Project, DoR	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge (Package No 3) BU-DSD- 3/66/67) <ul style="list-style-type: none"> Judi Khola Bridge in Morang District (20x 1 Span=20m- RCC T-Beam) Sunsari Khola Kuti Bridge Sunsari, Nepal (20x 1 Span=20m- RCC T-Beam) 	April 2010	720,488.00	✓	✓			✓	
170	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge (Package No 3) BU-DSD- 3/66/67) <ul style="list-style-type: none"> Budhi Khola at Boundary of Sunsari & Morang District, Nepal Ghogha Khola at Boundary of Sunsari & Morang District, Nepal 	Bridge Project, DoR	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of Bridge over (Package No 3) BU-DSD- 3/66/67) <ul style="list-style-type: none"> Budhi Khola at Boundary of Sunsari & Morang District, Nepal(20x 3 Span=60m- RCC T-Beam) Ghogha Khola at Boundary of Sunsari & Morang District, Nepal (20x 3 Span=60m- RCC T-Beam) 	April 2010	920,488.00	✓	✓			✓	
171	Detailed Engineering Survey, Soil Investigation and Detailed Design of RCC Bridge (20m span) Over Ladku	DRSP	Feasibility study, Detail Engineering survey, design and cost estimate, Bill of Quantities (BoQ), Preparation of Special Provisions to Standard Specifications of Detailed	July 2010	658,225.00	✓	✓		✓		

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
	Khola along the Khopasi - Taldhunga Road in Kavrepalanchowk district, Nepal.		Engineering Survey, Soil Investigation and Detailed Design of RCC Bridge (20m with single span- RCC T-Beam) Over Ladku Khola along the Khopasi - Taldhunga Road in Kavrepalanchowk district, Nepal.								
172	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of 10 Bridges under Department of Roads Design and Planning Section (Bridge Unit) Contract No.: BU-DSD-13/065/66 (Package 13)	Bridge Project, DoR	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of 10 Bridges under Department of Roads Design and Planning Section (Bridge Unit). Contract No.: BU-DSD-13/065/66 (Package 13) . The list of Bridges under this contract are listed below: <ul style="list-style-type: none"> Bishnumati at Khadka Bhadrakali VDC – 5, Chyasintol and Tokha Saraswati, Kathmandu, (15m x 1 Span=15m) Bagmati River at Manohara Bagmati Dhobhan, from Koteswor Balkumari Corridor to Sankhamul, Kathmandu, (20m x 2 Span=40m) Bishnumati at Balaju Ganeshtole to Mhaipi Road, Kathmandu, (20m x 3 Span=60m) Bishnumati at Jhudol from Tokha to Gongabu, Kathmandu, (15m x 1 Span=15m) Bagmati river at Saukhel from Khokana to Chalnakhel, Kathmandu, (25m x 5 Span=125m) 	June 2010	6,088,440.00	✓	✓		✓		

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
			<ul style="list-style-type: none"> • Bagmati river at Chhaimale 5-Devichaur, Kathmandu, (20m x 7 Span=140m) • Ghatte Khola Bridge (Indrayani 1 to Bajrayogini 7), (12m x 1Span=12m) • Ghatte Khola Bridge (Indrayani to Bajrayogini bridge no 10) , (12m x 1Span=12m) • Manamati Khola Bridge at Indrayani 9 to Gagalphedi 4, Kathmandu (10mx1Span=10m) 								
173	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of 9 Bridges under Department of Roads, Design and Planning Section (Bridge Unit) Contract No.: BU-DSD-6/064/65 (Package 6)	Bridge Project, DoR	Feasibility Study, Detailed Engineering Survey, Soil Investigation, Hydrological Analysis & Detailed Design of 9 Bridges under Department of Roads Design and Planning Section (Bridge Unit). The list of Bridges under this contract are listed below: <ul style="list-style-type: none"> • Dudhaura Khola Bridge (Span: 3x20=60 m – RCC T Beam) Bara district • Pasaha River Bridge ((Span: 4x22=88 m – RCC T Beam) Bara district • Jamuni Nadi Bridge (Span: 1x20=20 m – RCC T Beam), Bara district • Rangpur Khola Bridge (Span: 3x20=60 m – RCC T Beam) Parsa district • Bhaluwahi River Bridge (Span: 3x22=66 m – RCC T Beam) Parsa district • Sarsa(Bhus) Nadi Bridge (Span: 1x20=20 m – RCC T 	April 2009	3,432,600	✓	✓			✓	

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
			Beam) Danusha district • Ektanga (Tilabe) Nadi Bridge (Span: 3x24=72 m – RCC T Beam) Parsa district • Chandrabati (Gangol) Nadi (Span: 3x20=60 m – RCC T Beam) Parsa District • Dulaniya Nadi Bridge (Span: 2x19.20=38.40 m – RCC T Beam) Mohattari district								
174	Detailed survey and Engineering design of Likhu IV Hydroelectric Access Road (45 kms) including RCC Bridge of Likhu Bridge design (50m span) and Leti Bridge (20m span) design of RCC Bridge, at Ramechhap district	Green Venture (P) Ltd.	Detailed survey and Engineering design of Likhu IV Hydroelectric Access Road (45 kms) including RCC Bridge of Likhu Bridge design (50m span) and Leti Bridge (20m span) design of RCC Bridge.	April 2008	2,143,654	✓	✓		✓		
175	Detailed survey and Engineering design of Balephy Hydroelectric Access Road (26 kms) including RCC bridge of Chanaute Bridge design (50m span) Sindhupalchowk district	Balephy Hydropower (P) Ltd.	Detailed survey and Engineering design of Balephy Hydroelectric Access Road (26 kms) including Chanaute Bridge design (50m span) Sindhupalchowk district	March 2008	1,220,400	✓	✓		✓		
176	Detail Engineering Survey, Design, Preparation of Drawings, Cost Estimate and Reports of following moterable bridges	DoLIDAR	Package No: 3/063/064 Detailed survey, Soil investigation, and detailed design of Steel Truss Bridge at Madi Khola of Lamjung district bridge span 65m RCC Multiple Cell Box bridge 27.60m span at Jidi Khola of Tanahu district. Package No: 5/063/064 Detailed survey, Soil investigation,	June 2007	1,050,900	✓	✓		✓		

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
			and detailed design of RCC Multiple Cell Box Bridge design (39.50m span) Kulariya bridge at Kulariya Nala of District and RCC T-Girder Bridge (37.32m span) Roda Bridge Roda Khola of Kailali district								
177	Review of existing design and drawings of Kathe Khola Bridge located along Baglung-Kushmisera 33m single span.	DRSP	Review of existing design and drawings of Kathe Khola Bridge located along Baglung-Kushmisera 24m single span	October 2007	1,50,000	✓	✓		✓		
178	Construction supervision of Piluwa Khola Bridge (96m span) detailed engineering design, soil investigation, Construction supervision	DoR/ADB	urvey, designed, cost estimate, rate analysis, preparation of tender document, construction supervision and quality control works Aprox. 850 Km roads under Road Network Development Project (RNDP) including two bridges detailed engineering designed, documentation and Construction supervision of Piluwa Khola Bridge (96m span) detailed engineering design, soil investigation, Construction supervision and Quality control works and Detailed Engineering design of Sabha Khola Bridge (RNDP), Eastern and Central Regions of Nepal, DOR/ADB Loan No. 1876-NEP (SF).	December 2009	210,157,123	✓	✓		✓		✓
179	North-South Fast Track Project	DoR/ADB	North-South Fast Track Project (Kathmandu- Janakpur-Nijhgd and by pass Hetauda) ADB TA NEP 4842. Detailed feasibility study road design, tunnel design, cost estimate, preparation of design report, Responsible for feasibility study of four alternative	April 2008	USD 184,000	✓	✓		✓		✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
			roads and tunnel design and preparation of engineering report and drawings. The project feasibility of Alternative 1A: Kathmandu – Kulekhani-Bhaine - Pathyayia 88.30km and including tunnel 13Km, Alternative 2B: Kathmandu – Kulekhani Dovan-Bhimphedi-Hetauda –Pathalaiya 82.50KM and including 6.75Km tunnel, Alternative 3A: Kathmandu-Chhathiwan-Nighgad – Pathaliya 98.8Km including 1.4Km tunnel, Alternative 3B: Kathmandu-Thingan-Hetauda-Pathlaiya 96.2km including 1.4km tunnel). Including 110 Bridges preliminary studies for Fast Track Road Project 3 Alternative alignments.								
180	Survey, Design and Construction Supervision of Pilot Community Steel Truss Bridge (20m) over Godawari Khola along Thaib - Godamchaur Road in Lalitpur (Package No: 3/con/Rural/062/063)	DoLIDAR	Construction supervision of Works	December 2008	426,000	✓	✓		✓		✓
181	Road Sector Development Project (RSDP- 2) Detailed Survey, Design, report preparation, preparation of Tender document, Upgrading, widening, Rehabilitation and Construction supervision of Road Project 444km.	DoR/WB	Road Sector Development Project (RSDP - 2) Detailed Survey, Design, report preparation, preparation of Tender document, Upgrading, widening, Rehabilitation and Construction supervision of Road Project 444km.	May 2010 to December 2014	607,177,661	✓	✓	✓	✓	✓	✓

General Experiences of the firm: ITECO Nepal (P) Ltd.

S. No.	Projects	Client	Specific Job performed & Volume of Works	Completion Date	Amount (NRs)	Similar/Related Study		Geographical Area			
						Road Sector	Other Sector	Mountain	Hill	Terai	Social / Env Study
182	Design and Supervision Consultants of Second Small Towns Water Supply and Sanitation Sector Project (Batch I, Package III)	DWSS/ADB	<p>A. Review of Damak and Phidim WSPs:</p> <p>a. Damak: Ground Water -OHT Scheme, Final Detail Engineering Design completed, Deep Well - OHT system constructed about two decade ago, needs upgrading and augmentation.</p> <p>b. Phidim: Gravity Scheme, Final Detailed Engineering Design Study completed, 1,2,3, 4 and 5 of Phidim VDC, Gravity system constructed 27 years back, needs to be upgraded to meet present demand.</p> <p>B. Detailed Engineering Design of Indrapur and Duhabi WSPs:</p> <p>a. Indrapur, Pumping / Gravity Scheme, Feasibility Study completed, Indrapur VDC, wards 1,2,3,4,5,6,& 8, Hand pump and Dug-well needs upgrading to meet current demand.</p> <p>b. Duhabi: Existing water supply system does not meet the present demand and needs upgrading.</p> <p>C. Construction Supervision Phase of Damak, Phidim, Indrapur and Duhabi WSPs</p>	April 2010 to March 2014	31,365,000		✓	✓	✓	✓	✓