



Data Sheet of Research and Consultancy



Project Name: <i>EIA Study of Mid-Hill Highway Project</i>		Country: <i>Nepal</i>
Location within Country: <i>Salyan, Rukum, Jajarkot, Dailekh, Panchthar, Terhathum, Sindhuli Districts</i>		Professional Staffs Provided by SchEMS: 6
Name of Client: <i>Geo-Environmental and Social Unit Department of Roads Ministry of Physical Planning and Works, Government of Nepal</i>		
Address: <i>Babarmahal, Kathmandu, Nepal</i>		Duration of assignment: <i>2 Years</i>
Start Date (Month/Year): <i>Dec 2009</i>	Completion Date (Month/Year): <i>Completed</i>	Approx. Value of Services (in Current US\$): <i>57,000</i>
Name of Associated Consulting Firm(s), if any: <i>Vital Consult</i>		No. of Months of Professional Staff Provided by Associated Consultant: NA
Name of Senior Staff involved: <i>Dr. Ram B. Khadka, Project Supervisor Mr. Ajay B. Mathema – Project Coordinator Mr. Ashok R. Tuladhar – Team Leader of two road stretch of package MHH 01/065-066 Prof. Tej K. Shrestha – Team Leader of one road stretch of package MHH 01/065-066 Mr. Binay Bikram Adhikari Mr. Yogesh Shakya</i>		
Narrative Description of Project: <i>The Government of Nepal has been undertaking road construction project to connect East of Nepal with the West along the mid-hill region, known as Mid-Hill Highway Project. Mot of this stretch is a new construction; therefore, EIA study of this stretch is being carried out.</i>		
Description of Actual Services Provided: <ul style="list-style-type: none">• <i>Preparation of Scoping, TOR and EIA reports</i>• <i>Baseline surveys</i>• <i>Census of project affected families</i>• <i>Preparation of Environmental Management Plan</i>• <i>Preparation of GIS datasets, remote sensing data sets and preparation of maps</i>• <i>Preparation of datasets on forestry, wildlife, water and sanitation, socio-economic aspects agriculture</i>• <i>Preparation of data for resettlement – cadastral maps, ownership deed, census data of affected people</i>		



Project Name: <i>EIA/IEE Study of Terai-Madesh Postal Road Project</i>		Country: <i>Nepal</i>
Location within Country: <i>Siraha, Sarlahi, Rautahat, Bara, Chitwan, Nawalparasi, Kapilvastu, Kailali, Kanchanpur</i>		Professional Staffs Provided by SchEMS: 5
Name of Client: <i>Geo-Environmental and Social Unit Department of Roads Ministry of Physical Planning and Works, Government of Nepal</i>		
Address: <i>Babarmahal, Kathmandu, Nepal</i>		Duration of assignment: <i>2 Years</i>
Start Date (Month/Year): <i>Dec 2009</i>	Completion Date (Month/Year): <i>Completed</i>	Approx. Value of Services (in Current US\$): <i>43,000</i>
Name of Associated Consulting Firm(s), if any: <i>Vital Consult</i>		No. of Months of Professional Staff Provided by Associated Consultant: NA
Name of Senior Staff involved: <i>Dr. Ram B. Khadka, Project Supervisor Mr. Ajay B. Mathema – Project Coordinator/Team Leader of package TMPR 04/065-066 Prof. Uma Kanta Ray Yadav – Team Leader of package TMPR 02/065-066 Prof. Tej K. Shrestha Mr. Binay Bikram Adhikari Mr. Yogesh Shakya</i>		
Narrative Description of Project: <i>Terai Madhesh Postal Road Project is a collaboration of Nepal Government and Indian Government to upgrade existing road network that stretches from East to West of the Nepal along Terai region. The road will be alternate to the existing East-West Highway and will run parallel to it. Since this is a upgradation project, therefore only IEE study is being carried out for most of the stretch. A stretch is between Thori-Bharatpur passes through Chitwan National Park, therefore, EIA study of this stretch is being carried out.</i>		
Description of Actual Services Provided: <ul style="list-style-type: none"> • <i>Preparation of Scoping, TOR and EIA reports for the package TMPR 04/065-066</i> • <i>Preparation of TOR and IEE reports for the packages TMPR 02/065-066 and TMPR 03/065-066</i> • <i>Baseline surveys</i> • <i>Census of project affected families</i> • <i>Preparation of Environmental Management Plan</i> • <i>Preparation of GIS datasets, remote sensing data sets and preparation of maps</i> • <i>Preparation of datasets on forestry, wildlife, water and sanitation, socio-economic aspects agriculture</i> • <i>Preparation of data for resettlement – cadastral maps, ownership deed, census data of affected people</i> 		



Project Name: <i>EIA Study of Tamakoshi (2-3) Hydroelectric Project</i>		Country: <i>Nepal</i>
Location within Country: <i>Dolakha District</i>		Professional Staffs Provided by SchEMS: 7
Name of Client: <i>SN Power (Norway) /SWECO</i>		
Address: <i>Sanepa, Lalitpur</i>		Duration of assignment: <i>9 Months</i>
Start Date (Month/Year): <i>Dec 2008</i>	Completion Date (Month/Year): <i>Feb 2010</i>	Approx. Value of Services (in Current US\$): <i>64,000</i>
Name of Associated Consulting Firm(s), if any: <i>SWECO Norway</i>		No. of Months of Professional Staff Provided by Associated Consultant: NA
Name of Senior Staff involved: <i>Dr R B Khadka – EIA Supervisor</i> <i>Mr Ajay B Mathema – Landuse and GIS/ Remote Sensing</i> <i>Prof Parasar Koirala – Socio-economist</i> <i>Prof Bhim Subedi – Resettlement expert</i>		
Narrative Description of Project: <p><i>Tamakoshi-3 Hydropower Project is a 600 MW peaking Run-off-River project. This project intends to utilize the flow of Tamakoshi River by diverting it at Marbu, Dolakha through construction of a dam (94 m height from the river bed) and discharging the water back into the river at Kirnetar, Dolakha. The project will create about 14.5 m long reservoir with the volume of 137.4 million cubic meter. The river downstream from the dam site up to tailrace site will have reduced flow. The water from the reservoir is diverted and transported to Power house by 13 m long headrace tunnel of 10 m diameter. An underground powerhouse is proposed near Sitapaila of Birkot. This project is expected to produce average annual energy of 2608.1 GWh of energy</i></p> <p><i>The project is located in Dolakha district, however one VDC of Ramechhap district is also affected. All together 18 VDCs and 1 municipality of the Dolakha district and 1 VDC of Ramechhap district has been considered as the project affected area.</i></p>		
Description of Actual Services Provided: <p><i>SchEMS has worked in capacity of local consultant of Sweco AS, Norway and provided the following services:</i></p> <ul style="list-style-type: none"> • <i>Provide national experts</i> • <i>Public participation works at national, district and local levels</i> • <i>Preparation of scoping and Tor</i> • <i>Baseline surveys</i> • <i>Census of project affected families</i> • <i>Preparation of GIS datasets, remote sensing data sets and preparation of maps</i> • <i>Preparation of datasets on forestry, wildlife, water and sanitation, socio-economic aspects agriculture</i> • <i>Preparation of data for resettlement – cadastral maps, ownership deed, census data of affected people</i> • <i>Preparation of expert reports on land use, forestry, wildlife, agriculture, socio-economy, resettlement and rehabilitation plan</i> • <i>Preparation of Environmental Management Plan</i> 		



Project Name: <i>EIA Study of Upper Marsyangdi Hydroelectric Project</i>		Country: <i>Nepal</i>
Location within Country: <i>Lamjung and Manang Districts</i>		Professional Staffs Provided by SchEMS: 6
Name of Client: <i>GMR India</i>		
Address: <i>Patan, Lalitpur</i>		Duration of assignment: <i>9 Months</i>
Start Date (Month/Year): <i>May 2008</i>	Completion Date (Month/Year): <i>August 2011</i>	Approx. Value of Services (in Current US\$): <i>36,000</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: <i>NA</i>
Name of Senior Staff involved: <i>Dr. Chudamani Joshi.– Team Leader</i> <i>Mr. Uttam S. Shrestha</i>		
Narrative Description of Project: <i>The project intends to generate 65 MW of hydro-electricity through the implementation of this proposed project. As per EPR of Nepal, the proposed project should undergo an EIA study. SchEMS is contracted to carry out an EIA study.</i>		
Description of Actual Services Provided: <ul style="list-style-type: none">• <i>Preparation of Scoping and TOR</i>• <i>Collection and analysis of baseline information</i>• <i>Identification and prediction of impact</i>• <i>Analysis of desertification and impacts on Livestock, small business enterprises, Agriculture and farming</i>• <i>Proposition of mitigation measures</i>• <i>Preparation of Environmental Management Plan</i>• <i>Conduction of public hearing and reporting of the outputs</i>		



Project Name: <i>Baseline Study of Tamakoshi Hydroelectric Project</i>		Country: Nepal
Location within Country: <i>Dolkha, Ramechhap, Districts</i>		Professional Staffs Provided by SchEMS: 5
Name of Client: <i>SN Power</i>		
Address: <i>Sanepa, Lalitpur</i>		Duration of assignment: <i>6 Months</i>
Start Date (Month/Year): <i>Feb 2008</i>	Completion Date (Month/Year): <i>May 2008</i>	Approx. Value of Services (in Current US\$): <i>19,000</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: <i>NA</i>
Name of Senior Staff involved: <i>Dr. R B Khadka .– Team Leader</i> <i>Mr. Uttam S. Shrestha</i>		
Narrative Description of Project: <p><i>The client (SN POWER) intended to carryout a base line study of Tamakoshi II and III hydropower projects for which it received the survey license from the Government of Nepal. Based on the work order number (1) issued by the client to the consultant (SchEMS), the baseline study of the project was initiated.</i></p> <p><i>The key objectives of the study:</i></p> <p><i>The objective of the study was to collect baseline information on the proposed dam options, powerhouse, waterways and tailrace/outlet.</i></p>		
Description of Actual Services Provided: <ul style="list-style-type: none"><i>conduct a baseline survey of the project area</i><i>cover all the environmental parameters (including agriculture, cottage industries, livelihood and livestock) of the project area in the baseline study which are likely to be affected by the project implementation.</i><i>present detail information of the investigations in the final report of Baseline study of the Project area.</i>		



Project Name: <i>EIA Study of Lower Arun Hydroelectric Project</i>		Country: <i>Nepal</i>
Location within Country: <i>Sankhuwasabha & Bhojpur Districts</i>		Professional Staffs Provided by SchEMS: 5
Name of Client: <i>Brasspower International Engineering, Brazil</i>		
Address: <i>Brazil</i>		Duration of assignment: <i>6 Months</i>
Start Date (Month/Year): <i>August 2007</i>	Completion Date (Month/Year): <i>Sept. 2008</i>	Approx. Value of Services (in Current US\$): <i>22,000</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: <i>NA</i>
Name of Senior Staff involved: <i>Dr. Chudamani Joshi.– Team Leader</i> <i>Mr. Uttam S. Shrestha</i>		
Narrative Description of Project: <i>The proposed project intends to generate 103 MW of electricity. As per EPR 1997 of Nepal, the project activities were examined environmentally by the application of EIA. SchEMS was contracted for this purpose.</i>		
Description of Actual Services Provided: <ul style="list-style-type: none">• <i>Scoping report and approval</i>• <i>TOR and approval</i>• <i>EIA report (including impacts, mitigation and monitoring plan – environmental management plan)</i>• <i>Public hearing and its report</i>• <i>Database</i>		



Project Name: <i>EIA Study of Upper Sanjen Hydroelectric Project</i>		Country: <i>Nepal</i>
Location within Country: <i>Chilime VDC, Rasuwa District, Nepal</i>		Professional Staffs Provided by SchEMS: 3
Name of Client: <i>Chilime Hydropower Company</i>		
Address: <i>Kalikasthan, Kathmandu, Nepal</i>		Duration of assignment: <i>9 Months</i>
Start Date (Month/Year): <i>November 2006</i>	Completion Date (Month/Year): <i>Aug. 2007</i>	Approx. Value of Services (in Current US\$): <i>13,000.00</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: NA
Name of Senior Staff involved: <i>Mr. Surya Man Shakya. – Team Leader</i> <i>Mr. Ramesh Shakya – Coordinator</i> <i>Mr. Uttam S. Shrestha</i>		
Narrative Description of Project: <i>Upper Sanjen hydropower project is an extension of Chilime hydropower project and intends to generate 14 MW of hydro-electricity. As per EPR, an EIA was conducted and for which SchEMS was contracted</i>		
Description of Actual Services Provided: <i>Scoping and TOR</i> <i>Baseline information</i> <i>Impact identification and prediction</i> <i>Mitigation measures</i> <i>Environmental Management Plan</i> <i>Public hearing</i>		



Project Name: <i>Gap analysis of 12 phasing out VDC of Morang District</i>		Country: <i>Nepal</i>
Location within Country: <i>Morang District</i>		Professional Staffs Provided by SchEMS: 3
Name of Client: <i>Plan International Morang-Sunsari</i>		
Address: <i>Biratnagar, Nepal</i>		Duration of assignment: <i>3 Months</i>
Start Date (Month/Year): <i>May 2005</i>	Completion Date (Month/Year): <i>July 2005</i>	Approx. Value of Services (in Current US\$): <i>11,268.00</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: <i>NA</i>
Name of Senior Staff involved: <i>Mr. Babu Ram Shrestha.– Team Leader</i> <i>Mr. Ajay B. Mathema - Coordinator</i>		
Narrative Description of Project: <p><i>Plan international is a humanitarian and child focused development organisation. Since 1978, the Nepal chapter of Plan International - Plan International Nepal' has been contributing in improving the situation of children and women from deprived and marginalised socio-economic groups of Nepal.</i></p> <p><i>Since past 12 years, Plan International's Sunsari/Morang Program Unit has been implementing integrated programs under six Country Program Outlines (CPO) in 28 VDCs of the Morang district. The primary target of the integrated program is to support families and community people to improve the quality of life. At this point of the program implementation, 12 VDCs of Morang district have been proposed for phase out. Therefore, Plan International has realised the necessity for the study of 'evaluation of phasing out communities'. The primary purpose of the study is to assess the extent of Plan International's achievement against the set program objectives. In particular, it is expected to assess the level of empowerment of the communities and their capabilities to carry out the development work after the phase out of the Plan International.</i></p>		
Description of Actual Services Provided: <ul style="list-style-type: none"><i>• Identification of the beneficiaries at the grass root level and the relevant stakeholders at VDCs and district level</i><i>• Revisiting the preliminary framework proposed for the evaluation,</i><i>• Preparation of the checklists and questionnaire for data collection, and identification of sample household for each VDC</i><i>• Data collection and information gathering (Household questionnaire survey/ Interaction with the relevant stakeholders/ secondary data collection and their validation)</i><i>• SWOT analysis for evaluation of the program implementation modality</i><i>• Data processing (statistical processing and map producing)</i><i>• Validation of the study outcome with the relevant lines agencies at Government agencies, community agencies, and the children clubs</i><i>• Drafting and reporting</i>		



Project Name: <i>Implementation of Environmental Management Plan (EMP) for Melamchi Water Supply Project</i>		Country: <i>Nepal</i>
Location within Country: <i>Melamchi, Sindhupalchowk District</i>		Professional Staffs Provided by SchEMS: 4
Name of Client: <i>ADB/Melamchi Water Supply Development Board</i>		
Address: <i>Minbhawan, Kathmandu.</i>		Duration of assignment: <i>5 and Half Years</i>
Start Date (Month/Year): <i>April 2005</i>	Completion Date (Month/Year): <i>Oct. 2009</i>	Approx. Value of Services (in Current US\$): <i>1,400,000.00</i>
Name of Associated Consulting Firm(s), if any: <i>CEMAT Consulting Company</i>		No. of Months of Professional Staff Provided by Associated Consultant: 6
Name of Senior Staff involved: <i>Dr. Ram B. Khadka – Team Leader</i> <i>Mr. Bhasker Maskey, Engineer</i> <i>Mr. Yogesh Shakya, Environmental Monitoring Officer</i>		
Narrative Description of Project: <p><i>Melamchi Water Supply Project is being implemented to fulfill the water scarcity in Kathmandu valley. This is a mega project for which an EIA was prepared and endorsed by the Government of Nepal. Environmental Management Plan (EMP) was being implemented during construction phase of the project. SchEMS/CEMAT was responsible for implementation of the EMP.</i></p> <p><i>Mitigation and supervision of reinstatement and rehabilitation works of water taps, irrigation canals, drainage systems and other public as well as private infrastructures were carried out.</i></p> <p><i>Study and monitoring of Social Uplift Programme was also carried out for the project affected VDCs. It also included micro finance activities like cottage industry and cattle hoarding for dairy products.</i></p> <p><i>Studies on fisheries, nursery development and bioengineering were carried out.</i></p> <p><i>Monitoring of women employment, child labour and local employment generation as well as local market developments were carried out in relation to the implementation of development works.</i></p>		
Description of Actual Services Provided: <ul style="list-style-type: none"><i>Implementation of EMP</i><i>Monitoring of Environmental Management Plan for Melamchi Water Supply Project</i><i>Monitoring of downstream water supply</i><i>Monitoring of baseline, impact and compliance of construction and operation;</i><i>Supervision of reinstatement and rehabilitation works</i><i>Training and capacity building of local stakeholders</i><i>Monitoring of Social Upliftment Program activities in the project area</i>		



Project Name: <i>Environmental Impact Assessment (EIA) of Khimti II Hydropower Project</i>		Country: <i>Nepal</i>
Location within Country: <i>Dolkha/ Ramechhap</i>		Professional Staffs Provided by SchEMS: <i>Twelve</i>
Name of Client: <i>Statkraft SF</i>		
Address: <i>N-1322 Hovik, Norway. PO Box 494,</i>		Duration of assignment:
Start Date (Month/Year): <i>December 2004</i>	Completion Date (Month/Year): <i>November 2005</i>	Approx. Value of Services (in Current US\$): <i>28571.00</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: <i>NA</i>
Name of Senior Staff involved: <i>Dr. Ram B. Khadka – Team Leader</i> <i>Dr. Ananda R. Joshi</i> <i>Mr. Ajay B. Mathema – Coordinator/ GIS expert</i> <i>Mr. Sugam Shrestha</i> <i>Mr. Uttam S. Shrestha</i> <i>Mr. Binay B. Adhikari</i>		
Narrative Description of Project: <p>Khimti II Hydropower project in Nepal has been proposed by Statkraft SF, Norway to generate 29 MW of electricity. Upon the completion of feasibility study, an EIA study is being conducted for which scoping and TOR documents have been approved. Field investigation for EIA is going on and will be completed within another 8 months of time.</p>		
Description of Actual Services Provided: <i>(i) Examine the environmental and Social impacts of proposed project</i> <i>(ii) provide mitigation measures for the minimization of adverse impact and enhance beneficial</i> <i>(iii) provide detail environmental management plan</i> <i>(iv) prepare an EIA report for the submission for the approval</i>		



Project Name: <i>IEE of proposed sanitary landfill site of Tribhuwan Nagar Municipality</i>		Country: <i>Nepal</i>
Location within Country: <i>Dang District, Nepal</i>		Professional Staffs Provided by SchEMS: 3
Name of Client: <i>Tribhuwan Nagar Municipality Office</i>		
Address: <i>Ghorahi, Dang</i>		Duration of assignment: <i>6 months</i>
Start Date (Month/Year): <i>October 2004</i>	Completion Date (Month/Year): <i>March 2005</i>	Approx. Value of Services (in Current US\$): <i>3000.00</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: <i>NA</i>
Name of Senior Staff involved: <i>Dr. Ram B. Khadka</i> <i>Mr. Uttam S. Shrestha</i>		
Narrative Description of Project: <i>Tribhuwan Nagar Municipality is a small municipality in western Nepal, and is currently disposing its solid wastes in a river rampantly. The municipality has proposed a landfill site at Karaute Danda located in ward no 6 of municipality for which an IEE has been carried out as per EPR 1997. A three member team from SchEMS carried out IEE for proposed landfill site and investigated all necessary parameters and evaluated the environmental and social impacts, consulted the local stakeholders and prepared a report on IEE and submitted for approval.</i>		
Description of Actual Services Provided: <i>(i) examine the social and environmental impacts arising from the operation of proposed landfill site</i> <i>(ii) propose mitigation measures to minimize the adverse effect and enhancement of beneficial effects</i> <i>(iii) prepare an IEE report for approval of concerned agencies</i>		



Project Name: <i>Guidelines for Environmental Management Plan (EMP) of Hydropower Projects</i>		Country: <i>Nepal</i>
Location within Country: <i>Kathmandu, Nepal</i>		Professional Staffs Provided by SchEMS: 3
Name of Client: <i>Ministry of Population and Environment (MOPE) Norwegian Directorate for Nature management (DN)</i>		
Address: <i>Singh Durbar, Kathmandu, Nepal</i>		Duration of assignment: <i>2 Months</i>
Start Date (Month/Year): <i>Feb. 2004</i>	Completion Date (Month/Year): <i>Dec. 2004</i>	Approx. Value of Services (in Current US\$): <i>20,000</i>
Name of Associated Consulting Firm(s), if any: <i>N/A</i>		No. of Months of Professional Staff Provided by Associated Consultant: <i>NA</i>
Name of Senior Staff involved: <i>Dr. Ram B. Khadka Dr. Aandnd R. Joshi</i>		
Narrative Description of Project: <i>The objectives of the project were to provide the trainees with:</i> <ul style="list-style-type: none">• <i>Review the existing practices in the formulation of EMP</i>• <i>Formulate the project management activities for EIA implementation</i>• <i>Develop a monitoring program</i>• <i>Formulate environmental auditing mechanisms</i>		
Description of Actual Services Provided: <ul style="list-style-type: none">• <i>Critically review of current practices</i>• <i>Identify the need for EMP and its guidelines</i>• <i>Development of criteria and activities for EMP</i>• <i>Development of an environmental monitoring and Auditing plan</i>• <i>Cost of EMP implementation</i>• <i>Review of EMPs in some of the EIA reports of Hydropower Projects</i>• <i>Organizing a workshop for finalization of the guidelines with participation of relevant stakeholders</i>		



Project Name: <i>Guidelines for Environmental Monitoring of Hydropower Projects</i>		Country: <i>Nepal</i>
Location within Country: <i>Kathmandu, Nepal</i>		Professional Staffs Provided by SchEMS: 3
Name of Client: <i>Ministry of Population and Environment (MOPE) Norwegian Directorate for Nature management (DN)</i>		
Address: <i>Singh Durbar, Kathmandu, Nepal</i>		Duration of assignment: <i>2 Months</i>
Start Date (Month/Year): <i>Feb. 2004</i>	Completion Date (Month/Year): <i>Dec. 2004</i>	Approx. Value of Services (in Current US\$): <i>20,000</i>
Name of Associated Consulting Firm(s), if any: <i>N/A</i>		No. of Months of Professional Staff Provided by Associated Consultant: NA
Name of Senior Staff involved: <i>Dr. Ram B. Khadka Dr. Aandnd R. Joshi</i>		
Narrative Description of Project: <i>The objectives of the project were to provide the trainees with:</i> <ul style="list-style-type: none">• <i>Ensure the accuracy of EIA impact prediction so that it will not exceed legal standards</i>• <i>Ensure the effectiveness of mitigation measures and conformity within EIA report</i>• <i>Provide guidance for re-adjustments during project implementation and operation</i>• <i>Provide timely warning of potential environmental damage and provide the basis for undertaking an audit study.</i>		
Description of Actual Services Provided: <ul style="list-style-type: none">• <i>Critically review of current practices</i>• <i>Identify the need for Monitoring guidelines</i>• <i>Determination of monitoring needs</i>• <i>Development of indicators</i>• <i>Designing an environmental monitoring plan</i>• <i>Implementation of monitoring plan</i>• <i>Field-testing of environmental monitoring and auditing guidelines</i>• <i>Organizing a workshop for finalization of the guidelines with participation of relevant stakeholders</i>		



Project Name: <i>Development of National EIA Guidelines of Solid Waste Management Project for municipalities of Nepal.</i>		Country: <i>Nepal</i>
Location within Country: <i>Nepal</i>		Professional Staffs Provided by SchEMS: 5
Name of Client: <i>Solid Waste Management and Resource Mobilization Centre (SWMRMC)</i>		
Address: <i>Pulchowk, Kathmandu</i>		Duration of assignment: <i>3 months</i>
Start Date (Month/Year): <i>May 2004</i>	Completion Date (Month/Year): <i>August 2004</i>	Approx. Value of Services (in Current US\$): <i>7,000</i>
Name of Associated Consulting Firm(s), if any: <i>ERMC Consultant</i>		No. of Months of Professional Staff Provided by Associated Consultant: NA
Name of Senior Staff involved: <i>Dr. Ram B. Khadka Mr. Ashok R. Tuladhar Ms. Hasina Shrestha Mr. Binay B. Adhikari</i>		
Narrative Description of Project: <i>Municipality in Nepal is increasing so the solid waste problems are also increasing. Therefore, to manage solid waste in the municipalities of Nepal, there is a need for implementing EIA guideline. Therefore, under EPR 2054, a National EIA guidelines for Solid Waste Management has been developed.</i>		
Description of Actual Services Provided: <i>1. Preparation of National EIA guidelines for Solid Waste Management Projects 2. Workshop to finalize the guidelines</i>		



Project Name: <i>Development of Advanced Environmental Training Manuals</i>		Country: <i>Nepal</i>
Location within Country: <i>Kathmandu</i>		Professional Staffs Provided by SchEMS: 5
Name of Client: <i>WWF-Nepal Program</i>		
Address: <i>Baluwatar, Kathmandu</i>		Duration of assignment: <i>7 months</i>
Start Date (Month/Year): <i>January 2004</i>	Completion Date (Month/Year): <i>July 2004</i>	Approx. Value of Services (in Current US\$): <i>7,750</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: <i>NA</i>
Name of Senior Staff involved: <i>Dr. Ram B. Khadka</i> <i>Dr. Ananda R. Joshi</i> <i>Mr. Uttam S. Shrestha</i> <i>Mr. Binay B. Adhikari</i>		
Narrative Description of Project: Population, Health and Environment is the approved course for the school education in Nepal. The teaching of this course at school is not effective because of the lack of appropriate resource materials. So this project has developed a comprehensive Training Manual for teachers.		
Description of Actual Services Provided: <ol style="list-style-type: none">1. Environmental Education Training Manual for schools2. Teachers/Trainers Manual on environmental conservation3. Conduction of Training on environmental conservation for school teachers		



Project Name: <i>Strategic Environmental Assessment (SEA) of National Water Plan</i>		Country: <i>Nepal</i>
Location within Country: <i>Kathmandu</i>		Professional Staffs Provided by SchEMS: 2
Name of Client: <i>Water and Energy Commission Secretariat (WECS), Ministry of Water Resources, HMG/N</i>		
Address: <i>Singha Durbar, Kathmandu</i>		Duration of assignment: <i>6 months</i>
Start Date (Month/Year): <i>Feb 2003</i>	Completion Date (Month/Year): <i>July 2003</i>	Approx. Value of Services (in Current US\$): <i>31,646.00</i>
Name of Associated Consulting Firm(s), if any: <i>ITECO, Nepal</i>		No. of Months of Professional Staff Provided by Associated Consultant: 5
Name of Senior Staff involved: <i>Dr. Ram B. Khadka – Team Leader</i>		
Narrative Description of Project: 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 Strategy, 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.		
Description of Actual Services Provided: <ol style="list-style-type: none">1. screening of the strategies to be considered during the study2. establishing the scope of study by identifying the area and environmental issues to be considered for the study3. preparing a ToR for the study4. generate baseline information for the study through secondary and primary information5. identification, prediction, and evaluation of the environmental issues6. consideration of environmentally sound alternatives7. design mitigating measures considering alternatives, corrective measures, compensatory measures, and preventive measures8. public consultations through public hearing, consultation and interviews9. preparation of Environmental Management Plan (EMP)		



Project Name: <i>Environmental Assessment and Screening of:</i> <ul style="list-style-type: none">• Bagbazaar-Bagarkot Rural Road, Dadeldhura District• Dipayal-Mellekh-Sakarlekh Rural Road, Doti District• Tikha Kitchen Gardening Program, Doti District• Fish Ponds, Dhanusha District• River Training, Udaypur District• Khanalthok Irrigation Project, Kavrepalanchowk District		Country: <i>Nepal</i>
Location within Country: <i>Dadeldhura, Doti, Dhanusha, Udaypur, Kavreplanchowk Districts</i>		Professional Staffs Provided by SchEMS: 6
Name of Client: <i>World Food Program (WFP) Canadian International Development Agency (CIDA)</i>		
Address: <i>Kathmandu, Nepal. PO Box: 2453</i>		Duration of assignment: <i>Six Weeks</i>
Start Date (Month/Year): <i>August 1, 2002</i>	Completion Date (Month/Year): <i>September 15, 2002</i>	Approx. Value of Services (in Current US\$): <i>8,500.00</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consultant: NA
Name of Senior Staff involved: <i>Dr. Ram B. Khadka – Team Leader Mr. S.M. Shakya Mr. Ajay B. Mathema Mr. Binay B. Adhikari</i>		
Narrative Description of Project: <p>WFP has been running food for work program since 1997 in which food deficit villages participate in development project to earn food. Development projects include construction of Green Road in Doti and Dadeldhura, Kitchen Gardening Program in Doti, Irrigation Project in Kavrepalanchowk, River Training in Udayapur and Fishponds in Dhanusha District. CIDA is also contributing in the program, therefore, for the approval of the program Environmental Assessment and Screening as per the Canadian Act is also one of the requirements of CIDA. This project was focused on Nature of Public Participation, Environmental Issues, Mitigation Measures, Alternative Options, Monitoring Indicators.</p>		
Description of Actual Services Provided: <ol style="list-style-type: none">1. Literature review2. Field investigation3. Focus group discussion with the local people of sample area4. Identification, evaluation, and prediction of environmental issues of Micro Financed projects5. Analysis of alternative option6. Development of mitigation measures to avoid or reduce impacts		



Project Name: <i>Training Manual for Auto-mechanics to Control Vehicular Emission</i>		Country: <i>Nepal</i>
Location within Country: <i>Kathmandu</i>		Professional Staffs Provided by SchEMS: <i>Four</i>
Name of Client: <i>Intermediate technology Development Group (ITDG)</i>		
Address: <i>Kathmandu, Nepal. PO Box: 2453</i>		Duration of assignment: <i>One Month</i>
Start Date (Month/Year): <i>January 1, 2002</i>	Completion Date (Month/Year): <i>January 31, 2002</i>	Approx. Value of Services (in Current US\$): <i>1,900.00</i>
Name of Associated Consulting Firm(s), if any: <i>NA</i>		No. of Months of Professional Staff Provided by Associated Consulting Firm: <i>NA</i>
Name of Senior Staff involved: <i>Mr. Surya Man Shakya - Team Leader</i>		
Narrative Description of Project: <p>The training manual has been developed with the support from senior mechanical engineers of HMG and from private sector engineering firms. The manual is a ready-made quick reference for auto mechanics and is written in simple Nepali language. There are several illustrations and photographs of different components that are directly related to pollution control.</p>		
Description of Actual Services Provided: <p>Services provided were drafting of the manual where SchEMS made a wide survey at the field level to get inputs from actual field conditions so that the manual is easy to be used and is practical. During one month of involvement, three senior mechanical engineers, scores of auto-mechanics, and other professionals participated and finalized the manual.</p>		



Project Name: <i>Master Plan of Relocation of Padampur VDC</i>		Country: <i>Nepal</i>
Location within Country: <i>Chitwan</i>		Professional Staffs Provided by SchEMS: <i>Two</i>
Name of Client: <i>Ministry of Local Development, HMG/N</i>		
Address: <i>Pulchowk, Lalitpur</i>		Duration of assignment: <i>Three months</i>
Start Date (Month/Year): <i>April 2001</i>	Completion Date (Month/Year): <i>June 2001</i>	Approx. Value of Services (in Current US\$): <i>2,000.00</i>
Name of Associated Consulting Firm(s), if any:		No of Months of Professional Staff Provided by Associated Firm:
Name of Senior Staff involved <i>Mr. Babu Ram Shrestha - Team leade, Spatial planner</i> <i>Mr. Ajay B. Mathema- Environmental Expert</i>		
Narrative Description of Project: <p>Padampur VDC is surrounded by Royal Chitwan National Park (RCNP) from three sides and the Rapti River from the remaining. Location of Padampur VDC has created complication to its habitants, such as, threat from wild animals, bank cutting by the flood from Rapti River, inundation of village during the flood, raiding of crops by the wild animals including rhinoceros and elephants, conflict between locals and the army, unavailability of sources for daily requirements of locals, such as, fuel wood, timber, fodder and forage, and other forest products. HMG/N under Ministry of Local Development (MoLD) formed a Padampur Translocation Committee to relocate Padampur VDC at Sagun Tole, Jutpani VDC, Chitwan. The joint venture of SchEMS and COMAT was entrusted the responsibility by MoLD to prepare a Master Plan for relocation of Padampur VDC. The main objective of the study was to develop a Master Plan for sustainable and environmentally sound relocation of Padampur VDC.</p>		
Description of Actual Services Provided: <p>The works carried were liaison with Client, undertake field based investigation on environmental, socio-economical and infrastructure planning, prepare reports, and complete detailed structural design of identified infrastructures. Preparation of logical framework of the plan and plan of operation including detailed calculations of quantity and cost estimates.</p>		



Project Name: <i>Preparation of Guidelines of Environmental Management Plan</i>		Country: <i>Nepal</i>
Location within Country: <i>Kathmandu</i>		Professional Staffs Provided by SchEMS: 2
Name of Client: <i>Ministry of Population and Environment, HMGN</i>		
Address: <i>Singh Durbar</i>		Duration of assignment: <i>Two months</i>
Start Date (Month/Year): <i>March, 1999</i>	Completion Date (Month/Year): <i>June 1999</i>	Approx. Value of Services (in Current US\$): <i>5,657.00</i>
Name of Associated Consulting Firm(s), if any:		No of Months of Professional Staff Provided by Associated Consulting Firm:
Name of Senior Staff involved: <i>Dr. Ram B. Khadka</i> <i>Mr. Ajay B. Mathema</i>		
Narrative Description of the Project: Guidelines for the preparation of Environmental Management Plan were drafted and finalized in the workshop.		
Description of Actual Services Provided: <ol style="list-style-type: none">1. baseline monitoring2. compliance monitoring3. impact monitoring4. indicators to measure and to examine the effectiveness of mitigation measures5. provision and a framework for developing pre-audit format6. a framework for implementing audit of development project		



Project Name: <i>Guidelines to Monitor and Evaluate performance of NGOs supported by Environmental Protection Fund of Ministry of Population and Environment (MoPE)</i>		Country: <i>Nepal</i>
Location within Country: <i>Kathmandu</i>		Professional Staffs Provided by SchEMS: <i>Four</i>
Name of Client: <i>Ministry of Population and Environment, HMGN</i>		
Address: <i>Singh Durbar</i>		Duration of assignment: <i>Two months</i>
Start Date (Month/Year): <i>March, 1999</i>	Completion Date (Month/Year): <i>June 1999</i>	Approx. Value of Services (in Current US\$): <i>5,714.00</i>
Name of Associated Consultants if any:		No of Months of Professional Staff Provided by Associated Consultants:
Name of Senior Staff involved: <i>Dr. Ram B. Khadka</i> <i>Prof. Sant B. Gurung</i>		
Narrative description of Project: A framework and guidelines for evaluating performance of NGOs involved in the project funded by Environmental Protection fund were developed.		
Description of Actual Services Provided: <ol style="list-style-type: none">1. evaluation of NGOs performance pertaining to the execution of project funded by EPF2. analysis of strengths and weakness of NGOs supported by EPF3. formulation of indicators for monitoring the performance of NGOs4. preparation of evaluation framework.		