



Assignment name: Impact Evaluation Study of "System Loss Reduction of Titas Gas Transmission and Distribution Company Limited (TGTDCCL)", Ministry of Industries		Country: Bangladesh
Assignment Location : Area-1 : Narayanganj, Fatullah, Munshiganj, Area-2 : Sonargaon		Duration of assignment (months): January – May 2014
Name of Client: IMED, Ministry of Planning		Professional Staff provided by our Organization: 03; No of Staff: 02
Start Date: (Month/Year) January 2014	Completion Date : (Month/Year) May 2014	Approx value of services provided by your firm under the contract (Euro) Euro 24,00,000
Name of associated Consultants, if any : e.Gen Consultant Ltd &		No of Person-Months of Professional Staff provided by associated Consultants :
Name of Senior Staff (Project Director/Coordinator, Team Leader) Involved and Functions Performed: Dr. Khandaker Mustahidur Rahman, Team Leader Engr. A.F.M. Nurul Islam, Electrical Engineer Dr. M. Amir Hossain, Statistician Md. Rashedul Hasan, Project Coordinator Md. Sami Al Karim, Project Officer		
Detailed Narrative Description of Project: The operation performance in the gas sector has been affected by high system loss associated with gas transmission and distribution system TGTDCCL continues to be affected by problem of system loss ever since the mid-80s. As system loss reached a level of 6-7%, the enormity of the problem became clear to everyone. As the situation worsened and as ADB decided to make attainment of an acceptable system loss level a condition in this loan agreements, TGTDCCL accordingly drew up two actions programs- one in 1993-94 and another in 2001- for reduction of system loss. The program also set out a target of reducing system loss to a level of 2% within a time frame. The second Time Bound Action Program (STAP) adopted in 2001 aimed at bringing down the level of system loss to 2.5% by June 2005. However this program also failed to reach its goal. The double failure means that the problem remains unsolved. In view of above it was imperative for TGTDCCL to learn from the mistakes or omission from the previous programs and to put together a new "system loss reduction Plan (SLRP)" to achieve the much cherished aim of reduction of system loss level to two (2) percent.		
Detailed Description of Actual Services Provided by the Staff: Procurement of Turbine and Rotary Meter equipped with EVC, on-site Meter Calibration Unit, Installation of Meters, Recruitment of Consultancy Services, and Local Training provided under the project would greatly improve gas operation and distribution performance of two sales areas of the Company through reduction of system loss. * assess the actual progress against the target of various components of the project as per revised DPP along with their causes for any gap; * examine whether the procurement of the packages under the project was done following the PPR 2008/donor's procurement guidelines on the basis of a set of predetermined indicators; * assess the impact of installation of meters with EVC, and comprehensive System Loss Reduction Plan (SLRP) on instant calibration of industrial meters, as well as reduction in pilferage of gas, and conservation of energy; * assess the effectiveness of the Revised Time Bound Action Program (RTAP) in analyzing the factors causing system loss and their relative importance and in apportioning the percentages of losses for each factor; * assess impacts of various foundation and specialized training on skill development of the TGTDCCL personnel in conducting gas operation and distribution performance etc. * scrutinize the main recommendations by experts/consultants relating to improvements of system operation and control of operational loses. * identity in-built strengths and probable opportunities as well as internal weaknesses and external threats towards improvement of operational and distribution performance through SWOT analysis and provide recommendations to reduce system loss to the desired level and identify the best practices for replication and assess the implementation status in other project areas.		
Firm's Name: Creative Consultant International Ltd		