

**PROJECT REFERENCE**

Assignment Name: <b>The Home Power! Solar Home System pilot project</b>		Country: <b>Namibia</b>
Project Location: <b>Namibia</b>		Professional Staff provided by your Firm (Specialisation): <b>Solar Energy Experts</b>
Name of Client: <b>Ministry of Mines and Energy</b>		No of staff: <b>2</b>
Address: <b>Private Bag 13297 Windhoek Namibia</b>		No of staff months/Duration of Assignment: <b>3 staff months/15 months</b>
Start Date (Month/Year): <b>02/1996</b>	Completion Date (Month/Year): <b>05/1997</b>	Approx value of Services (Current US\$): <b>\$20,000</b>
Name of Associated Consultants (if any): <b>Hansjörg Müller, GTZ</b>		No of Months of Professional Staff provided by Associated Consultants: <b>3</b>
Name of Senior Staff Involved and Functions Performed: <b>Axel Scholle – Project manager, establishing systems, coordination, administration, documentation, quality control, system integration, manufacturing Conrad Roedern – Technical assistance, product development, quality control, system integration</b>		
Narrative Description of Project: <b>The Home Power! Solar Home System pilot project was launched by the Ministry of Mines and Energy (MME) in 1996. The aim of this project was the sustainable provision of basic and affordable energy to rural households in the off-grid areas. A revolving fund was created to facilitate loans to the rural customer at reduced interest rates.</b>  <b>The pilot phase saw the implementation of almost 100 SHS in six regions of Namibia. In this process, the systems were put in place to facilitate interaction among the stakeholders and the administration of the overall project. At the same time solar technicians were given training courses, including fieldwork to enable them to perform SHS installations independently and qualify as local/regional solar technicians.</b>  <b>The Home Power SHS consisted of one 50W<sub>peak</sub> PV module, a charge regulator, a system status indicator, a maintenance-free battery, four lights and a socket outlet.</b>		
Description of Actual Services provided by Your Staff: <ul style="list-style-type: none"> <li>• <b>Project co-ordination during the implementation phase with stakeholders: Clients, solar field technicians, revolving fund administrators</b></li> <li>• <b>System integration: Charge regulator, system status indicator, battery and lights</b></li> <li>• <b>Quality control of pre-assembled SHS components</b></li> <li>• <b>Documentation: User manual and guide sheet</b></li> <li>• <b>Compilation and evaluation of questionnaire</b></li> </ul>		

Firm's Name: **EMCON Consulting Group**