**ASSIGNMENT 1**

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| **Assignment Name:** Scaling-up Renewable Energy Programs in Low Income Countries (SREP) Tanzania | **Approx. Value of Services (in current US$):**  62,000 |
| **Country:** Tanzania  **Location within Country:** National | **Duration of Assignment:**  12 months |
| **Name of Client:** International Finance Corporation (IFC) | **Total No of staff-months on the assignment:**  3 |
| **Address:** Arthur Itotia,  Delta Centre, Menengai Road, Upper Hill, Nairobi  anjagi@ifc.org | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  62,000 |
| **Start Date (Month/Year): Completion Date (Month/Year):**  11/2013 – 06/2014 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Brian Kinuthia |
| **Narrative Description of Project:**  Under the Scaling-up Renewable Energy Programs for Low-income Countries (SREP), IFC seeks to advance private sector participation in meeting the energy access gap in rural areas of Tanzania. Mini-grids have been identified as a potential option for rural and remote electrification in additional to the main grid extension and stand-alone systems. IFC seeks to design a US$ 5 million Transaction Advisory Services Facility (TASF) to unlock private sector resources in advancing commercial mini-grids in Tanzania. | |
| **Description of Actual Services Provided by your staff:**   * Market intelligence; policy and institutional frameworks, past and on-going related activities and current energy mix * Barrier, risks and gap analysis * Stakeholder mapping and consultations * Concept note development and budgeting * Monitoring and evaluation framework design | |

**ASSIGNMENT 2**

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| **Assignment Name:** Readiness for Investment in Sustainable Energy (RISE) | **Approx. Value of Services (in current US$):**  18,315 |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  3 months |
| **Name of Client:**  World Bank Group | **Total No of staff-months on the assignment:**  1.5 |
| **Address:** Joonkyung Seong,  2121 Pennsylvania Avenue NW, Washington DC 20433  jseong@worldbank.org | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  18,315 |
| **Start Date (Month/Year): Completion Date (Month/Year):**  12/2013 – 04/2014 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Brian Kinuthia |
| **Narrative Description of Project:**  The World Bank Group, in collaboration with development partners, is proposing a new initiative of developing a set of indicators - “**Readiness for Investment in Sustainable Energy (RISE)**”, to track enabling environments for investment in all three SE4ALL areas including energy access, renewable energy and energy efficiency across 17 countries. RISE will contribute to domestic policy debate, provide an objective comparison on the investment climate as a benchmark and contribute to achieving SE4ALL goals by providing a global tracking framework. | |
| **Description of Actual Services Provided by your staff:**   * Renewable energy and energy efficiency marketing intelligence gathering * Policy, institutional and legal framework review * Stakeholders and expert mapping * Secondary and primary data aggregation * Benchmarking investment climate indicators | |

**ASSIGNMENT 3**

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| **Assignment Name:** Climate Change and Clean Energy Forums | **Approx. Value of Services (in current US$):**  6,600 |
| **Country:** Kenya  **Location within Country:** Mombasa and Nakuru | **Duration of Assignment:**  0.5 months |
| **Name of Client:** Kenya Association of Manufacturers (KAM) | **Total No of staff-months on the assignment:**  0.5 |
| **Address:** Mary Kiema,  86 Riverside Lane, Nairobi.  mary.kiema@kam.co.ke | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  6,600 |
| **Start Date (Month/Year): Completion Date (Month/Year):**  10/2013 – 11/2013 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Edith Bosire  Beth Mburu |
| **Narrative Description of Project:**  The Kenya Association of Manufacturers (KAM) established in 1959 is a representative organization for value-add industries in Kenya. With the support of GIZ, KAM sought to raise the level of awareness on climate change and clean energy issues among its members. This was to stimulate dialogue around the challenges and opportunities of climate change within the national scope. Training forums were to be held in Mombasa and Nakuru. | |
| **Description of Actual Services Provided by your Staff:**   * Review of the state of climate change policy in Kenya * Research on the climate change mitigation activities and initiatives in Kenya (including clean development mechanism projects and other carbon reduction projects) * Syllabus design on the basics of climate change science, politics, challenges and opportunities * Facilitate training of KAM members in Mombasa and Nakuru | |

**ASSIGNMENT 4**

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| **Assignment Name:** Developing Concept Note for ICS dissemination in Kenya | **Approx. Value of Services (in current US$):**  8,000 |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  0.5 months |
| **Name of Client:** SNV Netherlands Development Organization | **Total No of staff-months on the assignment:**  0.5 |
| **Address:** Caroline Toroitich,  Ngong Lane, Off Ngong Road, Nairobi.  CToroitich@snvworld.org | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  8,000 |
| **Start Date (Month/Year): Completion Date (Month/Year):**  11/2013 – 12/2013 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Beryl Ajwang’ |
| **Narrative Description of Project:**  SNV Netherlands seeks to develop a € 2 million program to accelerate the uptake of tier 2 and 3 improved cook stoves (ICS) in Kenya. One of the main barriers to this uptake has been identified as the high upfront cost of purchase. This program will seek to address this challenge by creating a results based financing model that will catalyze the tier 2 and 3 markets among low income households. The program will work with micro-finance institutions and SME in the production and distribution of ICS. | |
| **Description of Actual Services Provided by your Staff:**   * Review the renewable energy policy landscape with special focus on biomass energy and ICS * Market intelligence research on the current statistics * Design the results based financing (RBF) framework * Develop a comprehensive implementation strategy for the project * Determine the sustainability and risk mitigation strategy post withdrawal of the RBF * Develop the monitoring and evaluation framework for tracking implementation and the verification indicators | |

**ASSIGNMENT 5**

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| **Assignment Name:** IFC Power Diagnostic Tool | **Approx. Value of Services (in current US$):**  XXXX |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  2 months |
| **Name of Client:** International Finance Corporation (IFC) | **Total No of staff-months on the assignment:**  1.5 |
| **Address:** Hendrik Engelmann-Pilger  IFC Advisory Services, Sustainable Business Advisory, Clean Energy World Bank Office, Durbarmarg, Kathmandu, Nepal  [HEngelmannpilger@ifc.org](mailto:HEngelmannpilger@ifc.org) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  XXXX |
| **Start Date (Month/Year): Completion Date (Month/Year):**  05/2014 – 07/2014 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Beryl Ajwang’  Brian Kinuthia |
| **Narrative Description of Project:**  The IFC seeks to help large energy consumers identify energy efficiency and renewable energy supply options to complement the unstable grid-based electric energy supply using its Power Diagnostic Services (PDS). The PDS uses a standard methodology to conduct assessments of mid-scale electric and thermal energy supply options with the goal of supporting the options into investable projects and drive replication where applicable. The result should be IFC working with three firms to assist them in identifying and assessing their potential to add renewable energy based capacity either to displace fossil-fuel based self generation or feed into the national grid. | |
| **Description of Actual Services Provided by your staff:**   * Developing and mapping a long list of potential Power Diagnostic Services (PDS) clients * Developing a short list and profile of potential clients * Conducting a pre-feasibility assessment | |

**ASSIGNMENT 6**

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| **Assignment Name:** Research Study on Human Rights’ consciousness on ESIAs in Kenya | **Approx. Value of Services (in current US$):**  10,000 |
| **Country:** Kenya  **Location within Country:** Kenya | **Duration of Assignment:**  2 months |
| **Name of Client:** Kenya Human Rights Commission | **Total No of staff-months on the assignment:**  2 months |
| **Address:** Sylvia Kithinji,  Valley Arcade, Gitanga Road  P. O. Box 47109-00100, Nairobi  [skithinji@khrc.or.ke](mailto:skithinji@khrc.or.ke) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  10,000 |
| **Start Date (Month/Year): Completion Date (Month/Year):**  08/2014 – XXXX | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Edith Bosire  Murefu Barasa  Beryl Ajwang’  Brian Kinuthia |
| **Narrative Description of Project:**  The Kenya Human Rights Commission seeks to investigate the effectiveness of the Environment Impact Assessment (EIA) policies and process in light of on-going mega projects including extractive industry. Their objective is to ensure inclusive growth of communities in Kenya that host development projects and activities of business including multinational corporations. Titanium mining in Kwale district adjacent to the Shimba Hills national reserve is one of the case studies. | |
| **Description of Actual Services Provided by your Staff:**   * Develop a sampling design and data collection and management protocol * Map out the procedures of undertaking ESIAs in Kenya * Carry out a review of legal and regulatory frameworks and international norms that govern ESIAs in Kenya. * Conduct research on development projects that have been issued with ESIAs and the extent to which human rights were considered | |

**ASSIGNMENT 7**

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| **Assignment Name:** Market Sounding Survey for Mini-Grid Business Models | **Approx. Value of Services (in current US$):**  XXXX |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  2 months |
| **Name of Client:**  International Finance Corporation (IFC) | **Total No of staff-months on the assignment:**  2 |
| **Address:** Jason Lee  Investment Officer  Delta Building, Upper Hill  Nairobi, Kenya 30577-00100 [jlee15@ifc.org](mailto:jlee15@ifc.org) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  XXXX |
| **Start Date (Month/Year): Completion Date (Month/Year):**  09/2014 – 11/2014 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Brian Kinuthia  Beryl Ajwang’  Joan Muhia |
| **Narrative Description of Project:**  The IFC would like to assess the potential interest of the private sector developers/operators, investors and commercial lenders in specifically two mini-grid business models, that is i) mini-grid IPP model and ii) mini-grid concession model. The IFC would like to understand concerns and risks arising from the mentioned business models that need to be mitigated. | |
| **Description of Actual Services Provided by your staff:**   * Design of a survey instrument considering the preferred structure of the business, what project parameters to consider and the appetite of financiers to invest in the models. * Circulating and conducting the survey among the relevant parties. * Holding face-to-face consultations with selected developers, investors and financiers. * Preparing a brief of the findings in report form. | |

**ASSIGNMENT 8**

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| **Assignment Name:** Renewable Energy Strategy Development and Program Implementation Recommendations | **Approx. Value of Services (in current US$):**  14,000 |
| **Country:** Kenya  **Location within Country:** Kenya | **Duration of Assignment:**  1 month |
| **Name of Client:** Africa Wildlife Foundation (AWF) | **Total No of staff-months on the assignment:**  1 |
| **Address:** Brian McBrearity,  Director, Conservation Enterprise African Wildlife Foundation [bmcbrearity@awf.org](mailto:bmcbrearity@awf.org) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  14,000 |
| **Start Date (Month/Year): Completion Date (Month/Year):**  11/2014 – 12/2014 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Edith Bosire  Beryl Ajwang’ |
| **Narrative Description of Project:**  AWF seeks to develop an advisory document that will provide guidance to the organization’s strategic approach to renewable and clean energy initiatives. AWF leads conservation efforts across 18 African counties, covering diverse landscapes and contending with varying threats. This advisory document will address threats to biodiversity and landscapes based on an analysis of current and emerging technologies and companies within the renewable energy sector that would be applicable to the African context. | |
| **Description of Actual Services Provided by your Staff:**   * Review existing technologies, approached and thinking on sustainable energy and the applicability to the sub-Saharan context. * Develop a matrix of technologies and attributes and prioritize the technologies by ability to AWF objectives. * Conduct a market assessment of key players in each technology space and develop a list of recommended partners. * Develop a proposed program intervention strategy and work with the AWF Enterprise and Climate Change teams to ensure alignment with other AWF initiatives. | |

**ASSIGNMENT 9**

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| **Assignment Name:** Advocacy Note for KEPSA to support advocacy and lobby work for private sector driven mini-grids | **Approx. Value of Services (in current US$):**  10,000 |
| **Country:** Kenya  **Location within Country:** Kenya | **Duration of Assignment:**  0.5 months |
| **Name of Client:** GIZ | **Total No of staff-months on the assignment:**  0.5 months |
| **Address:** Jasmin Fraatz  Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) GmbH; P.O Box 41607-00100 Nairobi, Kenya Mamlaka Rd, off Nyerere Rd  [Jasmin.fraatz@giz.de](mailto:Jasmin.fraatz@giz.de) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  10,000 |
| **Start Date (Month/Year): Completion Date (Month/Year):**  11/2014 – 12/2014 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Beryl Ajwang’  Brian Kinuthia |
| **Narrative Description of Project:**  GIZ seeks to produce an advocacy note for KEPSA which aims at fast tracking energy access and security for communities by focusing on mini-grids and the role of the private sector in mini-grid market development. This advocacy note shall present key factors and figures which can be used for lobby work. | |
| **Description of Actual Services Provided by your Staff:**   * Provide a high level analysis of the impact of the tariff cross-subsidy to deliver a uniform tariff on the general economy * Develop a lobby paper | |

**ASSIGNMENT 10**

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| **Assignment Name:** Technical Review for Geothermal NAMA, Scoping for climate funds options for KenGen and alternative support options for the MoEP Geothermal NAMA | **Approx. Value of Services (in current US$):**  XXXX |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  3 months |
| **Name of Client:** Energy research Centre of the Netherlands (ECN) | **Total No of staff-months on the assignment:**  2 |
| **Address:** James Falzon,  Policy Studies, Radarweg 60, 1043 NT Amsterdam,  [falzon@ecn.nl](mailto:falzon@ecn.nl) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  XXXX |
| **Start Date (Month/Year): Completion Date (Month/Year):**  06/2014 – 08/2014 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Beth Mburu  Beryl Ajwang’  Brian Kinuthia |
| **Narrative Description of Project:**  ECN is seeking technical support in the design of a €14M NAMA for accelerated geothermal electricity development in Kenya. The NAMA support project will enable GDC’s strategy for geothermal power expansion with GDC providing feedback to the Ministry of Energy and Petroleum (MoEP) about the technical direction of the NAMA. This assignment will include the preparation of a database for organizations with the capacity to fund preparation and implementation of a geothermal NAMA. | |
| **Description of Actual Services Provided by your staff:**   * Review of alternative sources of funding to the GoK for the NAMA facility support * Review of climate finance options available to KenGen * Review of scoping report by ECN | |

**ASSIGNMENT 11**

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| **Assignment Name:** Energy and resource efficiency and conservancy | **Approx. Value of Services (in current US$):**  XXXX |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  1 month |
| **Name of Client:** Kenya Association of Manufacturers (KAM) | **Total No of staff-months on the assignment:**  0.5 |
| **Address:** XXXX | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  XXXX |
| **Start Date (Month/Year): Completion Date (Month/Year):**  01/2015 – 01/2015 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Brian Kinuthia |
| **Narrative Description of Project:**  Providing technical support in designing a DKK 33 million (US$ 5 million) program to support and enable investments in energy efficiency and renewable energy in Kenya in partnership with the Kenya Association of Manufacturers (KAM). KAM also seeks to review the progress and impact of its previous initiatives on climate change mitigation and to incorporate lessons learnt in the development of the Danida Climate Change Program (DCCP). | |
| **Description of Actual Services Provided by your staff:**   * Design of the Danida Climate Change Program * Review of the impact and progress of the Centre for Energy Efficiency and Conservation (CEEC) * Review of KAM’s monitoring and evaluation system in relation with the Fast Start Climate Change Program (FSCCP) and similar initiatives. | |

**ASSIGNMENT 12**

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| **Assignment Name:** Kenya NAMA for Access to Modern Energy Services for Low-Income Households | **Approx. Value of Services (in current US$):**  XXXX |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  XX |
| **Name of Client:** Energy research Centre of the Netherlands (ECN) | **Total No of staff-months on the assignment:**  XX |
| **Address:** Shikha Basin  Radarweg 60, NL-1043 NT Amsterdam, The Netherlands [bhasin@ecn.nl](mailto:bhasin@ecn.nl) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  XXXX |
| **Start Date (Month/Year): Completion Date (Month/Year):**  02/2015 – 04/2015 | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Beryl Ajwang’  Kevin Wafula |
| **Narrative Description of Project:**  Providing technical support in the design of a NAMA to increase modern energy (cooking and lighting) access to low income households in Kenya. Part of the assignment involves conducting a baseline survey on the status energy sector in Kenya and calculating the possible reductions in the GHG emissions based on switching to cleaner fuels. | |
| **Description of Actual Services Provided by your staff:**   * Determining the electrification rates, thermal use, sources of fuels and the appliances used for lighting and cooking * Highlighting institutional and legal framework in the country * Highlighting on-going projects in the country and the existing niche to be filled * GHG reduction calculations from using less of Kerosene, Charcoal and traditional biomass | |

**ASSIGNMENT 13**

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| **Assignment Name:** Kenya’s Geothermal Prospectus | **Approx. Value of Services (in current US$):**  XXXX |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  XXXX |
| **Name of Client:** Energy research Centre of the Netherlands (ECN) | **Total No of staff-months on the assignment:**  1.2 |
| **Address:** James Falzon  Policy Studies, Radarweg 60, 1043 NT Amsterdam,  [falzon@ecn.nl](mailto:falzon@ecn.nl) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  XXXX |
| **Start Date (Month/Year): Completion Date (Month/Year):**  0/2015 – | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Crystal Okudo |
| **Narrative Description of Project:**  The geothermal prospectus articulates to potential investors, international donors, and other interested parties the Kenyan government’s plans for the development of a commercially and technologically mature domestic geothermal industry, with the potential to export services and products to the region. | |
| **Description of Actual Services Provided by your staff:** | |

**ASSIGNMENT 14**

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| **Assignment Name:** NAMA support project on biogas market development | **Approx. Value of Services (in current US$):**  XXXX |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  1 month (continuing) |
| **Name of Client:** Energy research Centre of the Netherlands (ECN) | **Total No of staff-months on the assignment:**  1 |
| **Address:** Shikha Basin  Radarweg 60, NL-1043 NT Amsterdam, The Netherlands [bhasin@ecn.nl](mailto:bhasin@ecn.nl) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  XXXX |
| **Start Date (Month/Year): Completion Date (Month/Year):**  05/2015 – | **No of professional staff-months provided by associated Consultants:**  N/A |
| **Name of Associated Consultants, If Any:**  N/A | **Name of staff involved:**  Murefu Barasa  Beryl Ajwang’ |
| **Narrative Description of Project:**  Providing technical inputs to the design and development of a €6 million programme to support the uptake of biogas systems for rural off-grid households. Part of the assignment included the estimation of benefits (GHG abatement potential, private sector investments, reductions in indoor air pollution) and reviewing market intelligence. | |
| **Description of Actual Services Provided by your staff:**   * Calculation of greenhouse gas reduction when using biogas in cooking and as a result of manure management using the biogas digesters. * Determining the co-benefits of the project including: reduced indoor air pollution, number of hours saved in wood collection, employment opportunities and increased income. | |

**ASSIGNMENT 15**

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| **Assignment Name:** Inception phase for the AFD/DFID Green Minigrid Programme in Kenya | **Approx. Value of Services (in current US$):**  XXXX |
| **Country:** Kenya  **Location within Country:** National | **Duration of Assignment:**  6 months |
| **Name of Client:** Agence Française de Développement (AFD) | **Total No of staff-months on the assignment:**  6 |
| **Address:** Arthur Honore  Programme Officer - Energy & Climate Change, Agence Française de Développement, Nairobi Regional Office [honorea@afd.fr](mailto:honorea@afd.fr) | **Approx. Value of Services provided by your firm under the contract (in Current US$):**  XXXX |
| **Start Date (Month/Year): Completion Date (Month/Year):**  01/2015 – 07/2015 | **No of professional staff-months provided by associated Consultants:**  6 |
| **Name of Associated Consultants, If Any:**  Economic Consulting Associates (ECA) | **Name of staff involved:**  Murefu Barasa  Crystal Okudo |
| **Narrative Description of Project:**  The French Development Agency (AFD) in cooperation with DFID (UK Department for International Development) wish to further encourage rural electrification in Kenya by promoting investments in Green Mini-Grids involving the private sector. The 5 year program will be implemented under the responsibility of AFD with DFID providing £30 million to AFD to support it. Part of this assignment involved a rapid off-grid energy market assessment and wide consultation with mini-grid developers, government agencies and development agencies. | |
| **Description of Actual Services Provided by your staff:**   * Assessing the potential pipeline of off-grid projects in Kenya * Providing recommendations on the most promising projects * Analyzing the potential for private sector investment * Analyzing the appetite and capacity of various financing institutions in financing minigrid projects | |