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## **US Accenture**

## **Corporate Citizenship**

Grant and Pro Bono Proposal Template

• Consulting • Technology • Outsourcing

## Overview

Thank you for your interest in collaborating with Accenture. If you have questions related to the proposal process or template please email the US Corporate Citizenship team at [us.corpcitizenship@accenture.com](mailto:us.corpcitizenship@accenture.com) with the subject line: 'Grant Proposal Question'. For information about our Corporate Citizenship programs please use these links: [Skills to Succeed](#) and [Environmental Stewardship](#).

Please return this completed proposal template to the appropriate Accenture Corporate Citizenship Program Manager (Caroline DeVinck for First Job Pillar and Alyssa Rothermel for Reskilling and Building a Business.) You can expect to hear back within one month after receiving your proposal.

## Proposal Template

This template is for the nonprofit to complete with assistance from Accenture Relationship Manager.

### Section 1: Nonprofit Organization Details:

Organization Name	University of Notre Dame
Stated Mission and/or Goals	The University seeks to cultivate in its students not only an appreciation for the great achievements of human beings, but also a disciplined sensibility to the poverty, injustice, and oppression that burden the lives of so many. Notre Dame seeks to offer practical, research-driven solutions to help people around the world consistent with its mission to be a force for good globally.
Website URL	nd.edu
Federal Tax ID Number	35-0868188
Date Founded	1842
Core Programs and/or Services (200 words or less)	One of America's leading undergraduate teaching institutions, Notre Dame also has been at the forefront in research and scholarship. The aerodynamics of glider flight, the transmission of wireless messages, and the formulae for synthetic rubber were pioneered at the University. The University is organized into four undergraduate colleges — Arts and Letters, Science, Engineering, and the Mendoza College of Business — three professional schools — the School of Architecture, the Law School, the Graduate School — 14 major research institutes, two dozen centers and special programs, and the University Library system. Today researchers are achieving breakthroughs in astrophysics, radiation chemistry, environmental sciences, energy, tropical disease transmission, cancer, robotics, and nanoelectronics. The Center for Sustainable Energy at Notre Dame (cSEND) is a University Research Center whose mission is to advance innovative energy related research, education and outreach programs to address the global challenge of creating a sustainable energy future.
Size and Reach of Organization (number of staff, locations, people served etc.)	Located 90 miles East of Chicago, Notre Dame strives to be a leader in research, teaching, service and athletics while

	<p>maintaining a global outlook. The University has 5,039 employees and 12,004 undergraduate and graduate students in addition to over 100,000 alumni. Our student population comes from every state in the U.S. and over 90 countries around the world. Notre Dame students and faculty are actively engaged in research and service around the globe. The university administers 40 study abroad programs in 20 countries with permanent campus locations in Rome, London and Dublin. In addition our Centers and Institutes including Kroc Institute for International Peace Studies, Kellogg Institute for International Studies, and the Eck Institute for Global Health have long standing programs around the world with signature initiatives in Haiti, Uganda, and Kenya.</p>
<p>Affiliations (e.g., Junior Achievement, United Way, Points of Light etc.)</p>	<p>Upward Bound, Educational Talent Search, South Bend Center for the Homeless, the Robinson Community Learning Center, the Logan Center, St. Margaret's House, Northeast Neighborhood Redevelopment Organization, and United Way</p>
<p>Previous relationship with Accenture (cash donation, pro-bono, volunteering, board membership, etc.)?</p>	<p>Notre Dame and Accenture have a long-standing, successful relationship based on internship and full-time hiring, faculty support, matching gift contributions, and service and employment opportunities. Accenture currently is a member of the Notre Dame Career Center Advisory Board of top recruiting companies. As of 2011, Accenture has hired over 50 full-time employees from Notre Dame over the last three years from the Mendoza College of Business, Engineering and MBA. This contributes to the approximately 280 active alumni currently working at Accenture (per Notre Dame records). Notre Dame has been the recipient of \$690,200 of matching gift funds since 1996. The Accenture Information Technology Management Laboratory (ITM) at Notre Dame has been supported by Accenture for 4 years and will continue per recent agreement. Recently, Accenture and Notre Dame collaborated on a skills-building session at the Robinson Community Learning Center.</p>

**Section 2: Nonprofit Organization Contact Details**

<p>Point of Contact: Name and Title</p>	<p>Gary Girzadas Director of Corporate Relations</p>
<p>Telephone Number of Contact</p>	<p>Office: (574) 631-9282; Cell: (574) 286-6786</p>
<p>Email for Contact</p>	<p>Gary Girzadas &lt;Gary.S.Girzadas.1@nd.edu&gt;</p>
<p>Address for Contact (where to mail contract)</p>	<p>Office of Corporate and Foundation Relations 1251 N. Eddy Street, Suite 300 South Bend, Indiana 46617</p>
<p>Date Proposal Completed</p>	<p>July 15, 2012</p>

### Section 3: Proposal Details

1.	<p>What type(s) of grant is being requested?:</p> <p><input type="checkbox"/> <u>Cash</u>: Total Amount Requested: <u>__\$552,684__</u> Lump Sum or Phasing (describe): _____</p> <p><input type="checkbox"/> <u>Volunteer</u>: Number of Volunteers: <u>_1_</u> per implementation site_ Number of Hours Per Volunteer: <u>_2_</u> to 4 hours per month</p> <p>Service volunteers would provide: <u>Mentoring of entrepreneur at implementation site. Since it is in Uganda, this would be done via email and Skype. It is anticipated that Notre Dame graduates that work for Accenture will readily volunteer for this project, thus strengthening our relationship with a Tier 1 recruiting university.</u></p> <p><input type="checkbox"/> <u>Pro Bono</u>: Deliverables (over a 6 to 12 month window of time in FY13, expected to start in September 2012):</p> <ul style="list-style-type: none"> <li>- technical pro bono resource to work with Patrick Murphy (ND) to design the technical implementation specs including solar installation, connections to local businesses, and information and communication technology (ICT) (work to be done in South Bend, Chicago and partially remotely). It is expected that this resource would come from the sustainability practice. In addition, supply chain/logistics knowledge is needed, which may need to be from a separate group.</li> <li>- management consulting pro bono resource to provide overall program management for Phase 1 and strengthen business case for Phases 2-3. (could be same resource used to help Institute for Global Development)</li> <li>- management consulting pro bono resource to work with ND Institute for Global Development to design and implement the metrics tracking (work to be done in South Bend, Chicago and partially remotely and is expected to begin later in FY13)</li> <li>- Accenture Learning or Talent and Organizational Performance resource to enhance the reusable training for local entrepreneurs and solar support (including mobile training) as well as plans for connecting volunteers to Ugandan entrepreneurs (work to be done in South Bend, Chicago and partially remotely)</li> </ul> <p>Additional efforts expected in FY14 are:</p> <ul style="list-style-type: none"> <li>- Marketing and Communications to externally tell the story of the impact and the need for additional help</li> </ul> <p>Estimated Cost: _____ FY13, 3 FTEs for 6 months each</p>
2.	<p>What underserved or socioeconomically disadvantaged groups will benefit from the project – target group or market segment? How many people will be impacted? Please use all categories that apply:</p> <p><input type="checkbox"/> <b>Total # of unique people impacted (summary of numbers below without counting duplicates):</b> <u>__200__</u></p> <p><input type="checkbox"/> Diverse Group/Minorities: # of people: <u>__200__</u>      <input type="checkbox"/> Disabled: # of people: _____</p> <p><input type="checkbox"/> Immigrants/Refugees: # of people: _____      <input type="checkbox"/> Veterans: # of people: _____</p> <p><input type="checkbox"/> Incarcerated/Formerly Incarcerated: _____      <input type="checkbox"/> Homeless: # of people: _____</p> <p><input type="checkbox"/> Underserved Young Adults: # of people: <u>__180__</u>      <input type="checkbox"/> Displaced Workers: # of people: _____</p> <p><input type="checkbox"/> Other: _____ # of people: _____</p>
3.	<p>What is the approximate duration of project including key dates and deliverable/milestones. Please include description of phases if applicable.</p> <p><b>Overview:</b> The University of Notre Dame and Accenture have developed a project called Connectivity,</p>

	<p>Electricity and Education for Entrepreneurship or CE3. CE3 addresses some of the fundamental issues in human development by providing access to internet and communications technology, electricity, education and economic empowerment. This effort will empower disconnected communities with clean, efficient, renewable power; WiFi connectivity; Science, Technology, Engineering and Math (STEM) education; and entrepreneurial training. The result will be to foster the creative potential of the Ugandan People, enabling the initiation of new ventures that will help to build sustainable, peaceful communities. By bringing together connectivity, STEM and entrepreneurial training, and solar power in a single, replicable ecosystem, we increase probability of successfully achieving development goals that scale beyond the initiating charitable contributions.</p> <p>This grant request is for Phase 1 below. However, we wanted to provide the information about Phase 2/3 (expected to be a Global Giving Grant) to show how this will grow to be self-replicating</p> <p>PHASE 1 (2 Years)</p> <ul style="list-style-type: none"> <li>❑ (Year 1) ESTABLISH SITES: Project team has selected 3 sites with diverse needs; The team will design and install power systems, coordinate with anchor tenants and local institutions, implement teacher training, establish connectivity and computing capacity, and establish collaborative teams on the ground. The initial 3 sites will support local solar power entrepreneurs (1 per site) to establish the initial business, establish entrepreneurship teacher jobs (1 per site), and begin training of potential local entrepreneurs (60 per site).</li> <li>❑ (Year 2) EXPAND TEACHER TRAINING, WEB TRAINING AND INITIATE ENTREPRENEURIAL ACTIVITY: On-ground teams will implement wide-spread entrepreneurship training of students, establish ability to sell excess solar power, and begin to develop new models for support new ventures. The program will complete entrepreneurship training, support the entrepreneurs with the best business plans that utilize electricity as they establish/expand their business that increases employment of local villagers (33 per site).</li> </ul> <p>IMPACT ASSESSMENT WILL BE CONDUCTED MIDWAY THROUGH YEAR 2</p> <p>Phase 2 (2+ Years, potential overlap w/ Phase 1)</p> <ul style="list-style-type: none"> <li>❑ (Years 2-4) Scale solution to 10 - 20 SITES. Repeatable solutions will be developed that will enable the expansion to additional sites with continued support of local entrepreneurship training and local entrepreneurs to run the solar array/sell electricity and local entrepreneurs to establish/expand businesses that employ local people. An in-Uganda solar supplier will be identified and supported as a partner to establish a long-term cost effective solution that employs Ugandan resources. In addition, a financing partner will be identified that will provide entrepreneurship loans for the expected \$20,000 – 30,000 per site needed to finance the solar array. The expected payback period of that loan is expected to be 5 years, with the solar equipment expected to last at least 10 years.</li> </ul> <p>Phase 3 (4-6 Years)</p> <ul style="list-style-type: none"> <li>❑ (Years 4-10) Phase 3: Move to Nationwide model; 100s of sites in Africa, move to venture capital model through outside investors. As the cost for the solar arrays, training and support come down, the tipping point of this becoming self-replicating is expected to be reached around the 100<sup>th</sup> site. The in-Uganda solar supplier and the financing partner along with the BOSCO and Educate! NGOs will be operating in such a manner that no additional outside support is expected.</li> </ul> <p>Please see the attached Project Schedule for a more detailed list of activities and milestones.</p>
4.	<p>What is the project location(s) – geographic impact? South Bend, Indiana and Chicago, Illinois will be the hubs of project design/leadership. However, the implementation will be in villages in Uganda with the goal over the long run of have this solution grow organically across all of Uganda and serve as a model for other countries.</p>
5.	<p>What need(s) does the project address? (400 words or less).</p>

Notre Dame's research has shown that electricity is a key component for raising the standard of living beyond subsistence. In fact, 85% of the variation in the Human Development Index (HDI – comprised of income, longevity, and education) is explained by increased electricity consumption. Electrical power is important to improve education and essential for Internet connectivity, two of the key drivers for improving the HDI.

It follows from this trend that Sub-Saharan Africa, with its low HDI, suffers from a lack of electrical power.

Sub-Saharan Africa's access to electricity has been difficult to change. We've changed radically in North America and other industrialized countries since 1960. However, most of the world is much less successful with Sub-Saharan Africa making only very modest gains. THIS PROJECT AIMS TO CHANGE THIS WITH A SIMPLE IDEA THAT WILL TAKE YEARS TO GROW ORGANICALLY, UNLESS SOMEONE PROVIDES THE MEANS TO BRING IT TO SCALE.

Current strategies for electrification in much of the developing world are fundamentally unsound.

- 1) capital investment into large scale distribution grids and centralized power production is not sustainable in areas where customers' low incomes make it impossible to support the operating costs (e.g. DR Congo 27,089% of income / capita is required for connection (fees, labor, transformer, security dep etc) (World bank, **Carolin Geginat, SrPrivate Sector Development Specialist, Doing Business Project**)
- 2) Inability to recover costs results in underinvestment in energy infrastructure and persistent energy poverty. As a result, in much of the developing world, only a fraction of the population has access to grid supplied electricity (only 9% of the population in Uganda has access with 130 days per year with outages for those that have electricity.
- 3) Even where the grid is extensive it is not always reliable – outages, and planned and unplanned rolling blackouts are common, inhibiting local entrepreneurs from building businesses that rely on a steady source of electricity.
- 4) Electricity generation in villages today, when it exists, is almost always created by diesel generators that create a high volume of pollution per watt generated.
- 5) Solar electricity solutions have proven to be successful, but they traditionally generate less than 1 kilowatt hour (kwh) per day, serving only basic lighting/cell phone needs, not business needs

Notre Dame has developed business models that show that 10 kwh solar/diesel hybrid generators are profitable while creating enough electricity to support local businesses, rather than just basic needs.

6.	What are the project/intervention objectives (must drive <b>Skills to Succeed</b> or Environmental Stewardship outcomes?) For Skills to Succeed, what skill(s) is the target population learning and through what method/means?
6a.	Objective 1 Establish a replicable entrepreneurship solar electricity model including financing and training. Support the local entrepreneurs as they learn the business, establish the business and make it profitable.
6b.	Objective 2 Establish training model for local entrepreneurs to develop and implement business plans that rely on electricity. Implement the model and support the local entrepreneurs as they establish the business and make it profitable, employing local villagers.
6c.	Objective 3
6d.	Objective 4
6e.	Objective 5
7.	<p>How will the project accomplish the stated objectives (project overview?) How is this solution the most suitable and/or what, if anything is the unique value proposition or role this project plays in addressing the needs of the target segment? (400 words or less)</p> <p>The goal of the project is to empower disconnected communities with clean, efficient, renewable power + WiFi connectivity + entrepreneurial training to foster the creative potential of the Ugandan People to create businesses and jobs that utilize clean energy... an economic <i>ecosystem</i> "in a box"</p> <p>A solution to the lack of energy is distributed energy systems, particularly renewable-hybrid microgrids (RHMG) to reduce the impact on the environment. Microgrids are local power networks capable of managing energy supply and demand on a scale and cost that is sustainable by the local community. They are able to operate independently when bulk supply is unavailable or unstable, or operate in parallel with the grid. RHMG could allow the developing world to leapfrog electricity architectures based on centralized systems. RHMG generate a significant percentage of their energy from renewable sources (solar, wind, hydro), store some of that energy for use when the sun isn't shining, and incorporate fuel based generation sources, making them far more reliable than traditional, renewable-only microgrids.</p> <p>How will we accomplish this?</p> <ul style="list-style-type: none"> <li>• Begin with stable community partners</li> <li>• Collaborate on delivery of a synergistic package of regionally-proven solutions <ul style="list-style-type: none"> <li>– collaboration technologies and training (BOSCO)</li> <li>– entrepreneurial education (Educate! and 31 Lengths)</li> </ul> </li> <li>• Catalyzed by university and corporate partners <ul style="list-style-type: none"> <li>– scalable /sustainable solar power solutions (cSEND)</li> <li>– monitoring, assessment, reporting (ND IGD)</li> <li>– coordination, training, pro bono, start-up funding (Accenture)</li> </ul> </li> <li>• 3 pilot sites <ul style="list-style-type: none"> <li>– Lacor Secondary School ( with 31 Lengths)</li> <li>– King James comprehensive school (Educate!)</li> <li>– Bardege Education &amp; Research Centre, Gulu (BOSCO )</li> </ul> </li> <li>• Design, import &amp; install appropriate Solar Hybrid Micro-grid Systems for each location with in-country partners</li> </ul>

	<ul style="list-style-type: none"> <li>• Establish WiFi connectivity and Web 2.0 training in each center</li> <li>• Implement entrepreneurial curriculum</li> <li>• Generate excess energy to sustain the venture and support entrepreneurial ventures</li> </ul> <p>Why Uganda? The political and entrepreneurial climate is very supportive of this type of solution. For instance, Uganda has just implemented a country-wide entrepreneurship education program in their secondary school program (being implemented by our partner, Educate!) In addition, Northern Uganda has a horizontal irradiation rate very conducive to implementation of solar solutions with an average daily rate of 6000 to 7000 Wh/m<sup>2</sup> per day.</p>
8.	<p>What are the responsibilities of the organization versus Accenture for this project?</p> <p>Notre Dame will be the overall owner/project coordinator and will hold the responsibility for accomplishing the goals of the project. Therefore, each deliverable/goal listed in this document (unless assigned to an Accenture pro bono resource), will be the responsibility of Notre Dame.</p> <p>Role of Accenture:</p> <ol style="list-style-type: none"> <li>1. Seed funding the pilot project <ul style="list-style-type: none"> <li>~ \$552K commitment for phase I starting in Q3 2012 and lasting two years</li> </ul> </li> <li>2. Monitor and scale the strategy / support on key in-country issues <ul style="list-style-type: none"> <li>- Accenture Sustainability Consulting Services</li> <li>- Accenture Development Partnerships including their relationships with existing solar and ICT solutions in Africa</li> <li>- Accenture Foundation/ Skills to Succeed</li> </ul> </li> <li>3. Provide links with non-profit community for partnership in project, lessons learned and best practice sharing, i.e.: <ul style="list-style-type: none"> <li>- Educate!</li> <li>- SolarAid</li> <li>- Engineers without Borders</li> </ul> </li> <li>4. Provide links with additional strategic partners <ul style="list-style-type: none"> <li>- Global logistics companies</li> <li>- Solar panel manufacturers</li> <li>- Third party funding opportunities</li> </ul> </li> <li>5. Own the completion of specific deliverables assigned to Accenture pro bono resources. These deliverables will be defined as their roles are posted</li> <li>6. Provide for free existing Skills to Succeed training modules that can be utilized to support entrepreneurship training</li> </ol>
9.	<p>Is the project collaborating with any other organizations to accomplish the project objectives e.g., for profit and/or not-for-profit, government etc.? If so, please describe.</p> <p>The following organizations are working together on this program:</p> <ul style="list-style-type: none"> <li>• <b>BOSCO-Uganda</b> will deliver ICT, web. 2.0 training and community building: Currently provides wireless, solar powered computing and collaboration technologies training to former Internally Displaced Persons camps in Northern Uganda. Recipient of the 2010 Google Breaking Borders Award has strong ties to local institutions, backing of Archdiocese, currently operates in 8 locations in Uganda with expansion funding from UNICEF</li> </ul>



	<ul style="list-style-type: none"> <li>• <b>Educate!</b> will deliver entrepreneurship training: Entrepreneurship and leadership organization working with youth in the last two years of secondary school and the first two years out of secondary school. Has been teaching entrepreneurship curriculum in Uganda for 4 years and curriculum was recently adopted by Uganda National Schools for roll-out to 4,500 schools nationwide this Fall.</li> <li>• <b>The 31 Lengths Campaign</b> will provide an early anchor site through the entrepreneurship center it has developed for the Lacor secondary school outside of Northern Uganda's major city, Gulu. Begun by Notre Dame 2012 MBA Conor Evans and his wife Lauren, the center will stabilize and expand the Northern Uganda economy with its strategic partners.</li> <li>• <b>Notre Dame Center for Sustainable Energy</b> will design power systems: Faculty are internationally recognized experts in Micro-grid design and control systems with major funding awards from several federal agencies and relevant field experience in developing countries</li> <li>• <b>Accenture</b> is a global management consulting, technology services and outsourcing company with deep knowledge in helping clients become high-performance businesses and practice areas related to sustainability, IT, resource management and international expertise in developing skills to succeed</li> <li>• <b>Notre Dame Initiative for Global Development</b> has the backing of the Notre Dame Office of Research and 12 interdisciplinary centers and institutes, it will provide independent monitoring and evaluation of the project, budget and accounting control and overall ownership of sites</li> <li>•</li> </ul>
10.	<p>What experience, if any, does the organization have that is relevant to this project?</p> <p>Notre Dame has a long-standing International Summer Service Learning program in Africa that has collaborated with BOSCO. Through this program undergraduate volunteers have been going to Uganda to advance web 2.0 literacy training for BOSCO users. Current BOSCO, Inc. Board members Gus Zuelke, Tom Loughran, and Kevin Bailey are all Notre Dame alumni. Tom Loughran has been on the faculty in Physics since the inception of the BOSCO project 6 years ago. Tom Marentette, another BOSCO, Inc. board member, is Video Services Specialist at Notre Dame and heavily involved in ICT4D projects in Haiti and elsewhere. The Ford Family program has twice been involved (once as sponsor, once as guide) of ND undergraduate Eddie Linczer's trips to support web 2.0 literacy training for BOSCO users.</p> <p>Patrick Murphy has spent the past three years as Managing Director of the Notre Dame Energy Center and Sustainable Energy Initiative. Prior to this, he managed multiple critical infrastructure research projects for the Department of Homeland Security. Specific expertise related to his project includes leading an effort for design and installation of a Solar Microgrid for the The Université de Notre Dame de Tshumbe (UNDT), Democratic Republic of the Congo. Incorporating academic expertise from the Department of Electrical Engineering, and industrial experts from Lyman Morse Technologies, he has led a team in the design, construction and (imminent) installation of a solar hybrid microgrid, complete with battery storage and diesel backup to help meet the energy needs of ND's sister school in the Congo. The system is planned to be up and running in Winter of 2012, allowing the school to cut fuel costs by more than half and increase enrollment and services provided.</p> <p>Professor Michael Lemmon's seeks to understand the inter-relationship between communication, computation, and control in large-scale sensor-actuator networks. His recent work has been studying the use of an "event-triggered" approach to control, estimation, and optimization in which agents in a sensor-actuator network transmit information to their neighbors when some internal measure of information novelty exceeds a specified threshold. Event-triggered communication and feedback appear to provide a way of dramatically reducing communication network usage while maintaining a specified level of overall networked system performance. He has applied these ideas to real-life sensor-actuator networks used in managing important components of the civil infrastructure such as municipal wastewater sewer systems and the national power grid. Recently, he has focused on bottom-up integration of smaller grids (micro-grids) to provide reliable power for remote locations.</p>

Since 1958, when Notre Dame's founding religious order the Congregation of the Holy Cross sent priests and brothers to work in Uganda Schools, Notre Dame has had strong ties to Uganda; educating Ugandans at Notre Dame and supporting educational institutions in Uganda. Many Ugandans have graduated from Notre Dame with advanced degrees in business, the sciences, the social sciences and humanities, and more recently, peace studies.

In the past five years, Notre Dame has developed a strong relationship with Uganda Martyrs University (UMU) largely through the work of the Ford Family Program in Human Solidarity Studies in the Kellogg Institute for International Studies. UMU's main campus is located in central Uganda, two hours west of the capital of Kampala. Vice Chancellor of UMU, Cr. Charles Olweny has visited Notre Dame several times in the past five years and together with Notre Dame officials signed a memorandum of understanding between the two Universities. Over the past five years, several Notre Dame faculty have visited Uganda and have served as guest lecturers at UMU.

Notre Dame has sent an average of 15 students to Uganda each year for the past 10 years. These students spend anywhere from 8 weeks to one full semester studying, working in internships, or conducting research guided by Notre Dame, UMU faculty members or NGOs, such as Catholic Relief Services. Notre Dame's Ford Program has sent between 5 and 7 students to Uganda to work with their peers at UMU doing research and internships focused on small business development and entrepreneurship, education, health, agricultural productivity and marketing.

In addition, Notre Dame has had a great deal of experience in hosting faculty and students from Uganda. For example, for the past four years, Notre Dame through the Ford Program has sponsored a student human development conference that has brought UMU faculty and students to Notre Dame for several weeks.

Notre Dame has strong ties to other countries in Africa as well. The ties to Kenya date back to 1978 when Notre Dame graduates, undergraduates and graduate students have participated in the work of Holy Cross priests and brothers to conduct research on pressing health programs, including malaria.

Notre Dame through the Ford Program has established a partnership with the Catholic University of Eastern Africa (CUEA) in Nairobi and researchers from the Eck Institute of Global Health and Notre Dame Economics Department have developed collaborative projects with Moi University in Eldoret, Kenya.

Dr. Peter Gichure, a Kenyan and Coordinator of Academic Linkages at CUEA, is a Notre Dame graduate (MA in Peace Studies) and serves as liaison between Notre Dame and CUEA. In November 2011, Dean of Notre Dame's College of Science, Greg Crawford, met with faculty and leaders at CUEA to establish the groundwork for science faculty and student exchanges between Notre Dame and CUEA over the coming years.

Notre Dame has ties to Ghana that date back to 1959 where the Brothers of the Holy Cross have devoted themselves to secondary education. Through Notre Dame faculty, the University is connected to the University of Ghana at Legon, Asheshi Univeristy, and University of Cape Coast where joint projects, internships and collaborative research has been conducted for years.

Finally, Notre Dame has developed ties to Nigeria in recent years thanks to joint research projects between Notre Dame faculty and faculty at Nigerian Universities. Paulinus Odozor, a Nigerian and Professor of Theology at Notre Dame has served as liaison between Notre Dame and many institutions in Nigeria. In 2003 a team of Nigerian religious and academic leaders visited Notre Dame to attend a conference focused on the future of Africa. That same year, President Olusegun Obasanjo spoke at Notre Dame on the same theme. The next year, 15 Notre Dame administrators visited Nigeria with a view to building relationships with universities in the country hosted by President Obasanjo.

All in all, the Notre Dame development office has identified over 40 projects and collaborations between the University and institutions in Africa. These collaborations take place with Universities, schools,

	<p>NGO's, religious orders, and research organizations and take place in a dozen countries including: Uganda, Kenya, Sierra Leone, Benin, Democratic Republic of Congo, Senegal, Ghana, Tanzania, Ethiopia, South Africa, Tunisia, and Burkina Faso. These programs range from summer service learning projects, Peace Studies Master Program 6 month internships, to sports as a form of economic development and clean water initiatives.</p>
11.	<p>How will progress and success be measured against stated objectives? Please list specific measurements.</p> <p>Monitoring &amp; Evaluation</p> <p>Collect data to track metrics and overall pilot project performance in areas such as:</p> <ul style="list-style-type: none"> <li>• Number of people connected online</li> <li>• Number of people trained in courses for entrepreneurship</li> <li>• Number of RHMG Users trained</li> <li>• Number of RHMG installers trained</li> </ul> <p>Number of new business ventures due to enhanced energy access and number of jobs created by those ventures</p> <p>Number of people with increased access to modern energy services as result of project placed RHMGs</p> <p>Percentage increase in energy efficiency, stability and reliability of microgrids</p>
12.	<p>Is the project creating a new capability for the organization or a new capability for Accenture to leverage across other relationships? What is the use, if any, of technology?</p> <p>This program will allow for the use of existing Skills to Succeed assets for entrepreneurship while adding assets or knowledge about remote mentoring as well as training via mobile technology and low energy ICT devices. The solar energy knowledge can also benefit ADP and the sustainability practice while helping to strengthen relationships with clients that manufacture solar devices or with supply chain expertise.</p> <p>New media training using ICTs in developing contexts, community-based entrepreneurial education, and renewable hybrid microgrids for providing electrification are individually disruptive, game-changing innovations. What we don't yet know is how to get them to play well together in developing contexts to harness the synergies they promise. Our collaboration will assemble best practices, successful partners and visionary support from Accenture to explore a range of models for blending these approaches fruitfully in developing contexts.</p>
13.	<p>Is the project sustainable (how will it be supported/funded outside of Accenture?)</p> <p>Yes. In fact, the goal of this project is to develop a solution and the infrastructure to support it so that the solution grows organically in Uganda.</p> <ul style="list-style-type: none"> <li>• Gasoline and Diesel currently cost ~\$2 per liter in Uganda. Depending on efficiency and load profile: <ul style="list-style-type: none"> <li>– \$1/kwh in just fuel</li> <li>– \$1.30 - \$3.00 including capital, maintenance</li> </ul> </li> <li>• Renewable-Hybrid Micro Grids can produce electricity far cheaper at about \$0.50 per kWh inclusive of capital, maintenance <ul style="list-style-type: none"> <li>– ~\$30,000 at start-up cost</li> <li>– Other costs such as tariffs, fees, training will be a key factor in phase one determination</li> </ul> </li> </ul>

	<p>of sustainability of the business model</p> <ul style="list-style-type: none"> <li>• Revenues from sale of electricity to local clinics, merchants, and established businesses (sold at ~2x cost of production) <ul style="list-style-type: none"> <li>– Still beats diesel electricity</li> <li>– Covers the cost of electricity for training, computing, entrepreneurship and philanthropic activities</li> </ul> </li> </ul>
14.	<p>Is the project is scalable / replicable?</p> <p>Yes. This project can be transferred to any location that has a similar climate for solar power.</p>
15.	<p>How will this project impact, align and/or leverage other work previously done with/by Accenture? This program will utilize existing Skills to Succeed assets for entrepreneurship while adding assets or knowledge about remote mentoring as well as training via mobile technology and low energy ICT devices. The solar energy activities will also align with ADP, the sustainability practice, and our work with the United Nations Sustainability for All program.</p>
16.	<p>Who are the Accenture Sponsor and/or Relationship Manager? Thomas Yemc is the Relationship Manager and Sam Awad is the Sponsor.</p>
17.	<p>Additional information:</p> <p>Budget: Please see the attached document for the budget.</p>

#### Section 4: Additional Required Documentation:

Please provide the following documents:

- List of key staff and board members
- Organizational bylaws
- Financial Statements (balance sheet, income statement)
- Program Budget and Summary Timeline (for pro bono include team levels and hours)
- Copy of your current IRS determination letter indicating tax-exempt, 501(c)(3) status. If using a fiscal agent, please include a Letter of Authorization.

Thank you for your interest in being part of Accenture's **Skills to Succeed** and Environmental Stewardship initiatives. Please return this completed proposal template to the appropriate Program Manager (Caroline DeVinck for First Jobs or Alyssa Rothermel for Reskilling and Building a Business). All proposals will be reviewed in due course and you will be contacted by a member of our local team once a decision has been reached.

#### AUTHORIZATION:

Name of Executive Director: \_\_\_\_\_

Signature \_\_\_\_\_ Date: \_\_\_\_\_