

PROJECT INFORMATION NOTE

Project Proponent Information		
1	Organisation Name	C-Quest Capital LLC
2	Address	1015 18th Street, NW, Ste 730 Washington, DC 20036, United States of America
Key Programme Information		
5	Project Title	Enlightening Change: Distribution of LED Lightbulbs in South Africa
6	Brief description of the proposed Project	<p>The proposed project intends to increase access to affordable, reliable, and sustainable modern energy by replacing incandescent light bulb (ICLs) with energy efficient LED lighting systems in rural and peri-urban households of South Africa. Through the distribution of LED lightbulbs, this project aims to reduce energy consumption by decreasing electricity demand, improving overall quality of life of beneficiaries as well as improving the aesthetics of the households.</p> <p>The distribution of energy efficient LED light bulbs will enable the community to engage in income generating or education related activities even after the daylight hours due to improved visibility and increased affordability owing to reduced electricity bills. Furthermore, this project could also have a positive impact on the demand supply gap by introducing energy efficient light bulbs thereby reducing peak hour demand of power in residential areas.</p> <p>The proposed project will be developed under the Verified Carbon Standard to obtain Verified Carbon Units (VCUs) to increase the affordability of the installation of LEDs at extremely subsidized rates thereby allowing penetration of LEDs to the sections of society that cannot afford them and couldn't avail their advantages otherwise.</p>
7	Environmental benefits of the Project	<ul style="list-style-type: none"> • Reduction in GHG emissions due to lesser fossil fuel consumption in Thermal Power Plants associated with reduced electricity demand. • Reduction in the amount of e-waste generated as LEDs last 25-50 times longer than the ICLs.
8	Socio Economic benefits of the Project	<p>The socio-economic benefits of the Project are-</p> <ul style="list-style-type: none"> • Opportunity of employment generation at various stages of project implementation • Increase in number of individuals receiving any formal and informal vocational training • Improvement in quality of life of end users. • Behavioural change and increase in general awareness of energy efficiency.

		<ul style="list-style-type: none"> • Lower utility bills for the end user. • Reduced pressure on South Africa power system.
9	Duration of the Project	10 years
10	Methodology Applied	AMS-II.C- Demand-side energy efficiency activities for specific technologies; Version 15.0
Location of the Project		
11	Country	Across several locations in South Africa
Contact Person		
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ABBREVIATIONS:

ICL: Incandescent Light

LED: Light Emitting Diode

SDG: Sustainable Development Goal

SD VISta: Sustainable Development Verified Impact Standard

VCU: Verified Carbon Unit