


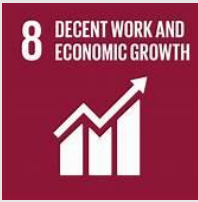





PROJECT INFORMATION NOTE

Project Proponent Information				
1	Organisation Name	C-Quest Capital LLC		
2	Address	1015 18th Street, NW, Ste 730 Washington, DC 20036, USA		
3	Country	United States of America		
Key Programme Information				
5	Project Title	DIPTI - Distribution of LED Lightbulbs in Bangladesh		
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 Bangladesh. Through the distribution of LED lightbulbs, this project aims to reduce energy consumption by decreasing electricity demands, improve 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 project will lead to the following benefits and co-benefits to the end-users, thus, improving the overall quality of life and helping in achieving the outlined sustainable development goals:</p> <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="text-align: center; vertical-align: middle;">  </td> <td style="padding-left: 10px;"> <p>Increase access to affordable, reliable, and sustainable modern energy by one-to-one replacement of ICLs bulbs with energy efficient LED under the project lifecycle (SDG 7)</p> </td> </tr> </table>		<p>Increase access to affordable, reliable, and sustainable modern energy by one-to-one replacement of ICLs bulbs with energy efficient LED under the project lifecycle (SDG 7)</p>
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			<ul style="list-style-type: none"> • Generation of employment opportunities (SDG 8)
			<ul style="list-style-type: none"> • Proper collection and scientific disposal of baseline lamps (SDG 12) • Contribute to reduction in waste generation through reduced need for replacing failed baseline lamps (SDG 12)
			<ul style="list-style-type: none"> • Contribute to reducing the environmental impacts and associated environmental pollution by reducing the quantum of fossil fuel burning attributed to reduced electricity consumption (SDG 11)
			<ul style="list-style-type: none"> • Reduction in net CO₂ emissions released into the atmosphere (SDG 13)
		<p>The proposed project will be developed under the Verified Carbon Standard and SD VISTA (The Sustainable Development Verified Impact Standard) seeks to obtain SD VISTA labelled 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 net carbon emissions released in the atmosphere due to decreased levels of 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 	

		<ul style="list-style-type: none"> Streamlining e-waste management supply chain by ensuring proper, efficient, and sustainable management of the ICLs lights being replaced under the project. Reduce the amount of air emissions (PM_{2.5} and PM₁₀) released in the atmosphere due to reduction in electricity demand
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 Improvement in quality of life of end users. Behavioural change and increase in general awareness of energy efficiency Lower utility bills for the end user Reduced pressure on Bangladesh power system.
9	Duration of the Project	10 years, fixed
10	Methodology Applied	<p>Tool to calculate the emission factor for an electricity system, Version 07.0</p> <p>AMS-II.C- Demand-side energy efficiency activities for specific technologies; Version 15.0</p>
Location of the Project		
11	Village	Across several locations in Bangladesh
12	District	Across several locations in Bangladesh
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