Bright City

Expected project CAPEX: Tbd

Mandating Authority: Gokarneshwor Municipality

Summary
Kathmandu city is suffering from heavy loadshedding of 12 hours a day. People are either living in the dark or they have to manage their own personal lighting system if they are able to afford one. The alternatives people use are very polluting, such as diesel generators or kerosene lamps. Due to the energy crisis, there is no lighting system for roads. A dark city and broken roads are very scary during loadshedding. Such street lighting can help to change the face of the city and make peoples’ movement comfortable.

Location and population
Gokarneshwor, Nepal
150,000 inh.

Social and environmental impact
Benefits are: a decrease in thefts and other crime, which mainly occurs at night; opportunity for street vendors to work longer, and in safer conditions; reduction in heavy loadshedding; decreased use of diesel generators and kerosene lamps, which improves air quality.

Main stakeholders
1) Municipality
2) Local community organizations-schools, youth clubs, women’s group, NGOs

Gokarneshwor Municipality Office
Jorpati, Kathmandu
2071

LETTER OF MUTUAL ENGAGEMENT

Mr. Ajay Baniya
Senior Engineer
Gokarneshwor Municipality
Kathmandu, Nepal

K20 Secretariat
48, Chemin du Grand Montfleury
1295, Versoix, Geneva
Switzerland
Kathmandu, June 27, 2016

Mandate Letter

Gokarneshwor Municipality is committed to taking concrete action and to be an active partner in working to deliver the climate objectives committed to by the 175 signatory nations of the Paris Agreement. Low carbon, climate resilient and sustainable development is amongst the very highest of our priorities. For these reasons, we hereby adhere to the K20 Charter and we confirm that we share the values and objectives that this document describes.

We welcome K20’s initiative to work alongside government, industry and investors in accelerating the emergence of low carbon climate resilient infrastructure projects. We hereby mandate K20 to explore opportunities for the development of such projects within our city/region, specifically and not confined to the following:
- Project 1: Municipal Solid Waste Management
- Project 2: Clean Industrial Development/Cleaner production (CP)
- Project 3: Street LED lighting

We confirm that these projects, and any projects that we may subsequently identify in reference to this mandate, are part of our sustainability strategy and contribute to our intended nationally determined contribution (NDC). In support of the mandate conferred by this letter, we hereby commit to work as an active partner alongside K20 and its partners in the design, financing (including equity and debt / green bonds and carbon credits) and implementation of these projects.

Yours sincerely,

Ajay Baniya
Project maturity (IFC / World Bank Categories)
STAGE 1: Concept Development, Site identification
Number of Lighting points: No study yet
Mapping of the street lighting system: no
Current installation
Expected energy / expenses savings
No study yet
Source of electricity: solar

STAGE 2: Pre-Feasibility Studies
Pre-feasibility study
No

STAGE 3: Feasibility Studies
Feasibility study
No

STAGE 4: Permitting / Financing / Contracts
Contract with municipality
No
Building permits signed
No
Environmental impact study
No
Identified sources of fundings
No study yet

STAGE 5: Engineering / Construction / Commercial Operation
Engineering, Procurement and Construction Contractor
Not yet
Operation and Maintenance Contractor
Not yet
Comments