

ENCLOSED - 1:

Application Form for Smart City Project Formulation Study

Smart City supported by Japan ASEAN Mutual Partnership (Smart JAMP)

1. Project Digest

1) **Project Title:** Smart City Planning and Development

2) **Name of the City:** Luang Prabang City

3) **Category of the study:**

- A. Master plan (M/P) study
To formulate a master plan for an entire smart city or a partial area of the target city, including the direction, comprehensive plan, and individual projects.
- B. Pre-feasibility study
To determine priority among several alternatives on a particular field or part of an entire smart city project.
- C. Feasibility study
To examine the feasibility or concrete details of an individual project composing the smart city project.
- D. Capacity building program
To build the capacity of the stakeholders including government officials or municipal staff through training programs or seminars (may be done online).
- E. Experimental implementation
To confirm applicability of a particular solution or technology for the smart city project in cooperation with Japanese solution provider(s).

4) Justification of the project

- **Present condition of the smart city project in the target city:**
 - Luang Prabang has total area of 761 square kilometers with total population of 97,760 inhabitants, divided into 114 villages (65 villages are urban area). The city's economies are mostly relied on tourism, agriculture and industry.
 - The old town of Luang Prabang has been registered to UNESCO Heritage Site since 1995 as it's exceptional for both rich architectural and artistic heritage that reflects the fusion of

- Lao traditional urban architecture with that of the colonial era. Its remarkably well-preserved townscape reflects the alliance of these two distinct cultural traditions
- The city's advantages are the World Heritage Site and its location as center of transportation, administration and institutions for the northern part of Laos
 - Urbanization with a lot of buildings occurring and people movement from rural to the city area are increasing pressure to the city's governance as increasing of land use issues, waste pollution, flood risk, mobility and public parking needs, traffic accidents, etc.
 - Luang Prabang City is envisioned to develop the city as livable and visit able city with quality of environment and facilities, the world heritage site is well preserved for valuable and sustainability, the tourism industry is developed for quality, people have a better quality of life, become a comprehensively strong city, and advance to a smart city by 2030.
- **Sectoral development policy of the local/ government/ municipality on the smart city project in the target city:**
- Smart governance: digital information center, etc.
 - Smart environment: wastewater and solid waste management and service, public spaces cleanliness and orders, etc.
 - Smart mobility: public transportation and public parking, transport control with CCTV and intelligent information center, etc.
- **Outline of the study:**
- Creation of an entire smart city Master Plan with a clear guideline of framework, roadmaps and resources for smart city development;
 - Following by conducting a feasibility study on each smart sector;
 - Together with capacity building for enhancing knowledge and experiences of local governments and staffs.
- **Purpose (Short term objective) of the study:**
- To have the necessary policies for the development of smart city;
 - To see the possibility of the smart city development in the city;
 - To indicate the financial resources for the development of smart city;
 - To ensure the human resources for the sustainable smart city development.
- **Goal (Long term objective) of the study or entire project:**
- Improving the quality and efficiency city service, operation and governance;
 - Contributing the city government in implementing its strategies to achieve the city' vision.