HETAUDA SMART CITY PROJECT

SALIENT FEATURES

SN	FEATURES	CHARACTERISTICS
GENERAL		
1	Name of Project	Hetauda Smart City Project
2	Type	Urban Planning
PROJECT LOCATION		
1	Province	Province 3
2	Project Location	Padampokhari, Hetauda (Location Map)
PROJECT COMPONENT		
1	Smart housing and buildings	Sustainable, energy-efficient apartments and independent residential housing catered to people of all income brackets. The city would also have state-of-the-art conference and exhibition centre. It would also host a wide range of hotels, restaurants and resorts targeted for domestic and international tourists.
2	Smart supporting infrastructure	This would include integrated solid waste management package collecting household and commercial waste and using the technology of anaerobic digestion (both mesophilic and thermophilic). It would also include provision of clean energy and water with smart technologies for meters, grids and management.
3	Supporting social infrastructure	Supporting social infrastructure, including a modern hospital, schools, college, and facilities for old population.
4	Smart mobility	Efficient and clean urban mobility services, including modern bus park and electric vehicle charging stations

SN	FEATURES	CHARACTERISTICS
5	Cultural Village and entertainment	Cultural village showcasing the rich cultural heritage and popular attractions of the traditional settlement. Some of the major infrastructure for the development of the cultural village could be: homestay, entrance gate, community centre, tourist information centre, security post/ booth, en-route amenities (tea house, public toilets, signage, etc.), walking foot trails or walking streets, cycling route, road network within the cultural village, etc. In addition, there would also be a theme park with the attractions such as rides, children play area, water bodies, along with the shops, restaurants and entertainment outlets.
6	Public Open Space, Play Ground	Public spaces where people can play, practices yoga, meditation and socialize.
7	Smart technology	IT infrastructure, connectivity and digitalization.

MARKET ASSESSMENT

1	Demand	With the proliferation of the knowledge economy, innovation is being driven by cities and towns that are rich in talent, ideas, open culture and entrepreneurship. As governments all around the globe search for new ways to drive innovation by harnessing the knowledge economy and development in technology, there is a demand for smart cities. Such demand also exists in countries like Nepal.
2	Supply	Globally, smart cities have risen as one of the latest urban typologies. In countries like Nepal, recently, there have been examples of initiatives and declarations to make municipalities and rural municipalities smart. However, most of them are at nascent stage and there is a need for private sector investment to make them successful.
3	Opportunity	In this backdrop, there is an opportunity for profitable and impactful investment in establishing infrastructure for a smart and innovative city. Such city can contribute to demonstrate smart and sustainable urban development. Hetauda in Province 3 has the potential for further urbanization. Currently, population and urban facilities are concentrated in former municipal area. In case of former VDCs, settlements are seen concentrated on the road crossings and along the roads connecting those areas to former municipal area. Padampokhari, one of the former VDC has potential for future urbanization because of its location and current urbanization trend. Through timely planning and intervention, the area could be developed as a smart city area.

SN	FEATURES	CHARACTERISTICS
		After the completion of proposed Kathmandu- Hetauda fast track (50 km), the travel time from the area to Kathmandu will be about an hour. The strategic location of the municipality i.e. being a link between national capital (Kathmandu), Terai and India, the city has immense potential to become industrial hub and tourism destination. Also, government's plan to construct mega city incorporating the area between Hetauda and Bharatpur Municipalities will speed up the economic growth of the city.

DEVELOPMENT MODALITY

SN	FEATURES	CHARACTERISTICS
1	Development modality	Public Private Partnership
2	Role of the Government of Nepal	■ Provision of government land, land acquisition, facilitation and project security ■ Facilitating legal approvals/permits ■ Review & monitoring
3	Role of the Private Sector	■ Plan, design, build, finance and operate the facilities during the Concession Period ■ Collection of revenues from the project during the Concession Period ■ Handover to the Government after the Concession Period
4	Development Period	a. Pre- Construction Period: 1 year b. Financial Closure: 1 year c. Construction Period: 5 years d. Concession Period: 30 years

INDICATIVE FINANCIALS

SN	FEATURES	CHARACTERISTICS
1	Total Project Cost (including Interest During Construction)	~ USD 300 million