

# SUNKOSHI-III STORAGE HYDROELECTRIC PROJECT

## SALIENT FEATURES

SN	FEATURES	CHARACTERISTICS
<b>GENERAL</b>		
1	Name of the Project	Sunkoshi-III Storage Hydroelectric Project
2	Sector	Hydropower
3	Type	Storage Type (536 MW capacity dam-toe power Station as per JICA Master Plan Study 1985)

### PROJECT LOCATION

1	Province	Province 3
2	Project Location	Kavre district ( <a href="#">Location Map</a> )
3	Project Area	The project is located 70 km east from Kathmandu, the capital city of Nepal. The proposed dam site can be reached in about 6 hours from Kathmandu via the Araniko Highway. The Pushpalal (Mid-Hill) Highway also traverses nearby the project core area, and is only about 5 km away. The proposed Headworks plus powerhouse location is along the B.P highway, around 20 km drive from Dolalghat (the nearest market centre). Proposed Dam-toe- powerhouse coordinates: 27°31'25.63"N and 85°47'21.14"E )

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### PROJECT FEATURES (JICA MASTER PLAN STUDY 1985)

1	Project Layout	Concrete Gravity Dam is arranged at the riverbed, with penstock pipe to carry discharge to surface powerhouse on the left bank on dam toe with installed capacity of 536 MW.
2	Hydrology	Catchment Area: 5520 km <sup>2</sup> Design flow: 570 m <sup>3</sup> /s <b>(Note:</b> There are two Hydrological station of Department of Hydrology and Meteorology (DHM) namely: Station Number 652: Khurkot and Station Number 630: Pachaur Ghat)

### TECHNICAL COMPONENTS (AS PROPOSED BY JICA MASTER PLAN STUDY 1985)

1	Dam	Concrete gravity dam 140m high.
2	Reservoir	Full supply Level: 700m Minimum Water Level: 674m Gross Reservoir Capacity: 1220 MCM Effective Reservoir Capacity: 550 MCM
3	Waterway	Penstock Pipe: penstock pipe of average length 180 m are proposed for water conveyance.
4	Powerhouse	A surface power station, downstream of toe of the dam on the left bank. The Tail water elevation to be fixed at 575 m.
5	Energy Generation	Gross Head: 116.3 m Total Energy Generation= 2070 GWh Firm Energy Generation = 820 GWh
6	Power Evacuation	The study didn't propose the power evacuation route, the nearest load centre is Kathmandu which is around 50 Km and Dhalkebar Substation is around 70Km from the proposed project location.

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#### DEVELOPMENT MODALITY

1	Development modality	Public Private Partnership
2	Role of the Government of Nepal	<ul style="list-style-type: none"> <li>■ Provision of government land, land acquisition, facilitation and project security</li> <li>■ Facilitating legal approvals/permits</li> <li>■ Review &amp; monitoring</li> </ul>
3	Role of the Private Sector	<ul style="list-style-type: none"> <li>■ Plan, design, build, finance and operate the facilities during the Concession Period</li> <li>■ Collection of revenues from the project during the Concession Period</li> <li>■ Handover to the Government after the Concession Period</li> </ul>

#### INDICATIVE FINANCIALS

1	Total Project Cost (without transmission cost)	USD 582 Million (As per the study undertaken by JICA in 1985)
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# APPLICATION PROCEDURE

## PRE-QUALIFYING CRITERIA FOR THIS PROJECT

1. Minimum of 10 years of experience in field of energy project development, investment and management.
2. Evidence of Hydropower Projects Owned/Constructed/Operated Around the World. At Least Two Reference Projects Of At Least 500 MW (Out Of Which One Should Be Of Storage Operation), With Verifiable Evidence.  
or,  
Evidence Of Development And Operation Of Energy Projects With Aggregate Capacity Of Minimum 4000 Mw.
3. The combined Net worth of the applicant shall not be less than USD 300 Million (United State Dollar Three Hundred Million) at the time of submission of bid.

## APPLICATION PROCEDURE

1. The developer/ investor who meet the above pre-qualifying criteria can make the application for this project.
2. Application may be made by a single entity or a group of entities (Consortium or JV) comprising up to three different companies/ parties, including a Lead member, coming together to implement the project.
3. A consortium/JV may fulfil the pre-qualifying criteria in a joint/cumulative manner, except for the number of years of work experience.
4. A fee of NRs 10,000 shall be payable for each application made (with application to one project counting as a single application).
5. The fee must be paid to OIBN (to the OIBN office or a dedicated desk at the Nepal Investment Summit), or by electronic transfer to the following bank account of OIBN:

**Office Code: 301003502**

**Office Name: Office of the Investment Board**

**Revenue Heading: 14229**

**Bank Name: Everest Bank Ltd.**

**Swift Code: EVBLNPKA**

Please use 'Company name\_Project name' as the reference code for the payment made in the case of an online payment.

6. After payment of the fee is made, the OIBN shall assign an engagement manager and may provide additional documents or information relevant to the project (if available).

7. Applicants should submit the detailed proposal with all required documents by 20th April 2019. Applications shall be submitted in physical copies to the OIBN or emailed to projects@ibn.gov.np.
8. The Government of Nepal (OIBN or relevant government agency at the relevant level of government) shall review the proposal and ask additional information if required.
9. The Government of Nepal shall decide on your application by 31st May 2019.

## DETAILED PROPOSAL CHECKLIST

1. Detailed profile of the developers/ investors, including profile of senior management team, annual report and audited financial statements for at least past three years (2015, 2016 & 2017), and consortium agreement or JV agreement or Memorandum of Understanding in the case of consortiums or JV.
2. Project concept, plan, and information on financial, economic, technical and environmental feasibility.
3. Method of project implementation, project development modality and work schedule
4. Business plan with basic financial statements
5. Financial arrangement and source of investment
6. Socio-economic contribution to Nepal
7. Expected support from GoN
8. Other relevant information, if any

**APPLY NOW**



## CONTACT DETAILS



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