

SR6 STORAGE HYDROELECTRIC PROJECT

SALIENT FEATURES

SN	FEATURES	CHARACTERISTICS
GENERAL		
1	Name of the Project	SR6 Storage Hydroelectric Project
2	Sector	Hydropower
3	Type	Storage Type (652 MW capacity dam-toe power Station as per JICA Master Plan Study 1993)

PROJECT LOCATION

1	Province	Sudurpaschim
2	Project Location	Doti and Accham districts (Location Map)
3	Project Area	The nearest airport to the site is at Dhangadi which is about 180 Km away from project sites. Dipayal bazaar is around 180km from Dhangadi, can be reached from in around 6 hours' drive. There is no dedicated access road to the SR6 project site, the nearest access road in proximity to the site is Dipayal - Gauguda rural road. The dam-toe-powerhouse site was proposed around 2 km downstream from the confluence of Budhi Ganga and Seti River and 19 km upstream from the confluence of Seti River with Karnali River.

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PROJECT FEATURES (JICA MASTER PLAN STUDY 1993)

1	Project Layout	Concrete Gravity Dam is arranged at the riverbed, with headrace tunnel and penstock pipe to carry discharge to powerhouse on the left bank on dam toe with installed capacity of 652 MW at 0.6 draft rate. The various option of the draft rate and subsequent project parameters- technical and financial are listed by the study.
2	Hydrology	Catchment Area: 7213 km ² Design discharge at 0.6 draft rate: 434 m ³ /sec (Note: There is a Hydrological station of Department of Hydrology and Meteorology (DHM) downstream of the project site namely: Station Number 260: Banga)

PROJECT FEATURES (JICA MASTER PLAN STUDY 1993)

1	Dam	Concrete gravity dam 207m high at 0.6 draft rate			
2	Waterway	Headrace Tunnel: 1.5 km Penstock Pipe: around 100m of penstock pipe			
3	Powerhouse	A surface power station, downstream of toe of the dam on the left bank. The Tail water elevation to be fixed at 401 m.			
4	Energy Generation and other parameters				
	S.N	Parameters	Features at draft rate		
			0.6	0.7	0.8
	1	Plant Discharge (m ³ /sec)	434	507	579
	2	Full Supply Level (m)	603	613	639
	3	Minimum Operating Level (m)	557	557	557
	4	Tail Water Level (m)	401	401	401
	5	Installed Capacity (MW)	642	776	966
	6	Firm Energy (Gwh/yr)	1841	2240	2809
	7	Secondary Energy (Gwh/yr)	799	752	690
	8	Total Energy (Gwh/yr)	2640	2992	3499
		The draft rate is basically the ratio of constant release from the reservoir throughout the year to the long-term average flow.			
5	Power Evacuation	The study didn't propose the power evacuation route, the nearest substation is Attariya which is around 30 Km from the project site.			

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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"> ■ Provision of government land, land acquisition, facilitation and project security ■ Facilitating legal approvals/permits ■ Review & monitoring
3	Role of the Private Sector	<ul style="list-style-type: none"> ■ 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

INDICATIVE FINANCIALS AS PER 2012 STUDY

S.N	Parameters	Features at draft rate		
		0.6	0.7	0.8
1	Estimated Total project cost in 1993	927 million USD	997 million USD	1175 million USD

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



Office of the Investment Board

ICC Complex, New Baneshwor

Kathmandu, Nepal

Phone: 977-1-4475277, 977-1-4475278

Fax: 977-1-4475281

Email: projects@ibn.gov.np