JAGDULLA HYDROPOWER COMPANY LIMITED

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

Progress Report
January 2025

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Introduction

1.1 Brief Description of Project

Government of Nepal intends to develop the hydropower potential of Nepal in an economically efficient and sustainable manner to meet the much needed and growing power demand in the country. Nepalese Government has taken an initiation to establish a company to develop the various sustainable potential projects and diversified investors of Nepal and abroad in Public-Private-Partnership and the BOOT (Built-Operate-Own-Transfer) Model in the process of developing large scale hydropower projects.

Jagdulla Hydropower Company Limited (JHCL) is a public limited company established in 2017 AD to harness country's hydropower potential at a reasonable price with the maximum utilization of resources (both technical and financial) available in the country. The Company is planning to develop one project of sizable capacity in Karnali province.

As a result, Vidhyut Utpadan Company Limited (VUCL) came into picture and was established and registered in Department of Industries, Government of Nepal under Company Act 2063 BS. Jagdulla Hydropower Company Limited (JHCL) is established as subsidiary company of Vidhyut Utpadan Company Limited (VUCL) in 2017 to develop Jagdulla Peaking Run-of-River Hydroelectric Project (JHEP). The company has incorporated shareholders afterwards and the current shareholding scenario with board members has been presented below.

The JHEP (106 MW) is located on Jagdulla River, in Dolpa District of Nepal, which is 748.3 Km from Kathmandu via Nepalgunj. Jagdulla Hydropower Company Ltd (JHCL) was incorporated & registered on 2074 Jestha 16 as a private limited company under the Nepalese Companies Act 2063 duly floated by public-private shareholding of VUCL, HIDCL, NEA, Karnali province and Jagdulla / Mudkechula RM and General public with an aim to plan, promote, organize & execute the Jagdulla Hydro-electric Project.

Capital structure

S. N.	Company capital structure	NPR
1.	Authorized Capital	8 Arab
2.	Issued Capital	7.1 Arab
3.	Paid up Capital	1.27 Arab

1.2 Share structure

After the Revision of Company Regulation 2078 from the Special AGM of Jagdulla Hydropower Company Limited on dated 2078/10/24, here is the updated Share Structure of the Company.

Promoters share holding

Promoters	Total percentage	Percentage of equity
VUCL	51%	26
HIDCL		10
NEA		9
Karnali Province		5
Jagdulla/ Mudkechula RM		1

Public shares

Description	Total percentage	Percentage of share holding
Overall District	49%	33%
Project affected local people (Dolpa District)		10%
TL affected people		3%
JHCL Employee		3%

Board Members and Management Team

Jagdulla holds well experienced board members and management team for the execution of timely completion of the project. The board and team members with their names and designation are presented below:

As per the Second Revised Company Regulation 2078, the number of the Board Member will be 7. Here is the Details of the representative from Respective Organizations.

SN	Organization	No of Board Member	Remarks
1	VUCL	2	
2	HIDCL	1	
3	NEA	1	
4	Independent Director (Infra)	1	

1.3 Board members:

The board of Jagdulla Hydropower Company limited comprises five members: two members representing Vidyut Utpadan Company Limited, one member representing Hydroelectricity Investment and Development Company Limited, one member representing Nepal Electricity Authority and one member is independent director, thus ensuring a balanced and strategic governance framework.

Sunil Poudel
Joint Secretary, Ministry of Energy, Water Resources and Irrigation
Chairman

Arjun Kumar Gautam
Chief Executive Officer, Hydroelectricity Investment And Development Company Limited
Director

Surya Prasad Rijal
Independent Director, Vidhyut Utpadan Company Limited
Director

Er. Mohan Prasad Gautam
CEO, Upper Tamakoshi Hydropower Limited
Director

Prakash Adhikaree
Director, JHCL
Independent Director (Infrastructure Expert)

Management Team:

Sanjay Sapkota
Chief Executive Officer
Email: ceo@jhcl.com.np

Rajendra Panthi
Senior Contract Engineer

Suresh Olee
Acting Project Manager - JHEP (106 MW) / Senior Hydropower Engineer
Cell: 01-4579242
Email: soli@jhcl.com.np | olisuresh128@gmail.com

Pravhu Ram Silwal
Senior Geologist
Email: prsilwal@jhcl.com.np

Sajani Aryal
Senior Finance Manager

Megha Raj Sharma
Acting Project Manager - JAHEP(120 MW) / Senior Geotechnical Engineer

Madhav Pyakurel
Site Incharge / Sr. Electrical Engineer

Mandira Khadka
Administration Officer
Email: mkhadka@jhcl.com.np

Parwat Krishna Pokharel
Account Officer
Email: pkpokharel@jhcl.com.np

Subash Khadka
Civil Engineer (Infrastructure)

Ashok Bista
Hydro-Mechanical Engineer
Email: abista@jhcl.com.np

Bishal Malla
Civil Engineer (Infrastructure)

Projects Under JHCL

2.1 Jagdulla PRoR Hydroelectric project (106 MW)

2.1.1 Background

Jagdulla Hydroelectric Project (JHEP) is the project undertaken by JHCL and is planned to be developed to serve the peak load demand. The contract for the Detailed Engineering Study work of this project has been awarded to NEA Engineering Company Ltd. (NEC) which has been already completed.

2.1.2 Project Overview

Jagdulla Hydroelectric Project (JHEP) is located in the upper reach of the Jagdulla River in Jagdulla and Mudkechula Rural Municipalities in the high-mountainous region of Dolpa District, Karnali Province. The project site is about 750 km west of Kathmandu. According to the Desk Study Report (DSR), JHEP was envisaged to be a storage type project with a capacity of 307 MW. The project boundary lies between 29^{0}03'16'' and 29^{0}07'53'' North and between 82^{0}33'43'' to 82^{0}38'00'' East. The proposed dam site of JHEP lies in Jagdulla Rural Municipality while the proposed powerhouse lies in Mudkechula Rural Municipality.

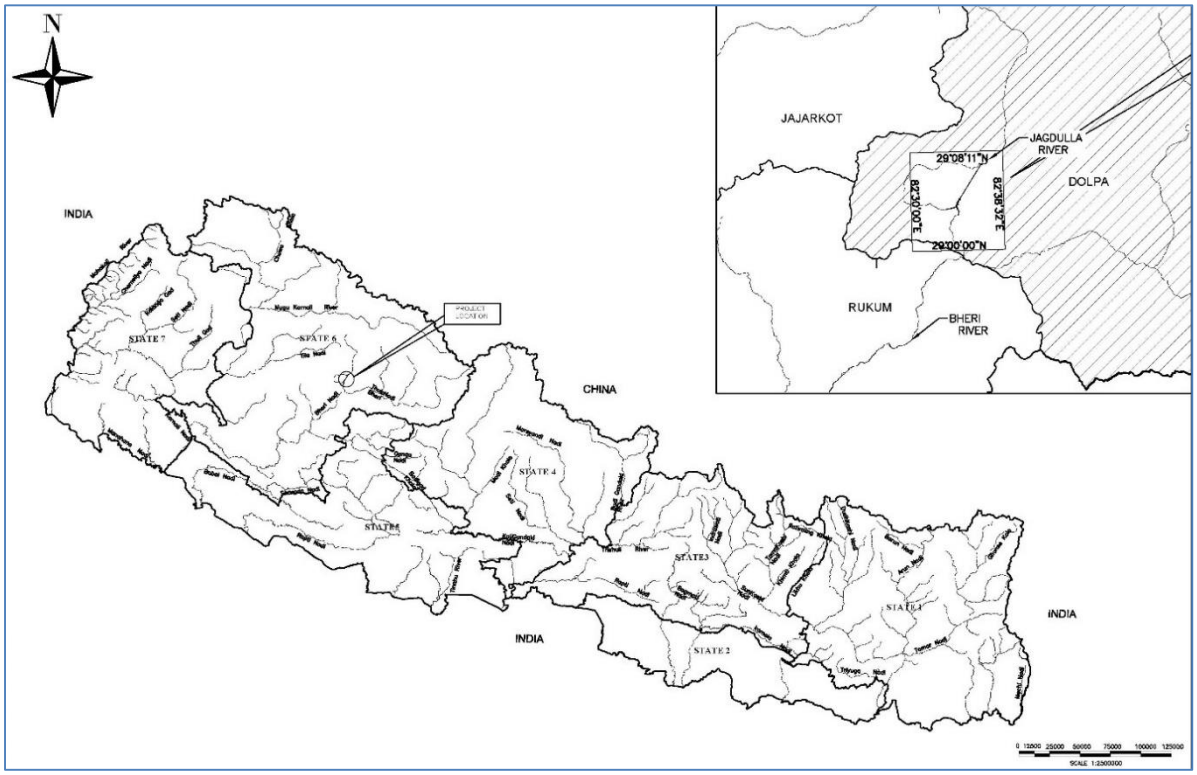

Figure 1: Project Location Map of JHEP

2.1.3 Accessibility

The nearest all-weather road available from the project site is at Triveni, the confluence of the Jagdulla River and the Bheri River along Khalanga (Jajarkot) - Dunai Road. The powerhouse

area (Ila) of the project is located approximately 12 km from Triveni. The track of the access road has been in progress to open and hence needs to be upgraded from Triveni to powerhouse site. At least two bridges are required along the access road for all weather access from Triveni to Ila. Similarly, a road is being constructed from the powerhouse site to approach the dam site by the local authorities. A new approach track has been opened from Jumla to Hurikot, which is near the dam site of JHEP. This newly opened track is operational for some part of dry months of the year since 2017. The nearest airport to the project site is at Juphal, Dolpa.

The accessibility map of the project area is shown in Figure 2.

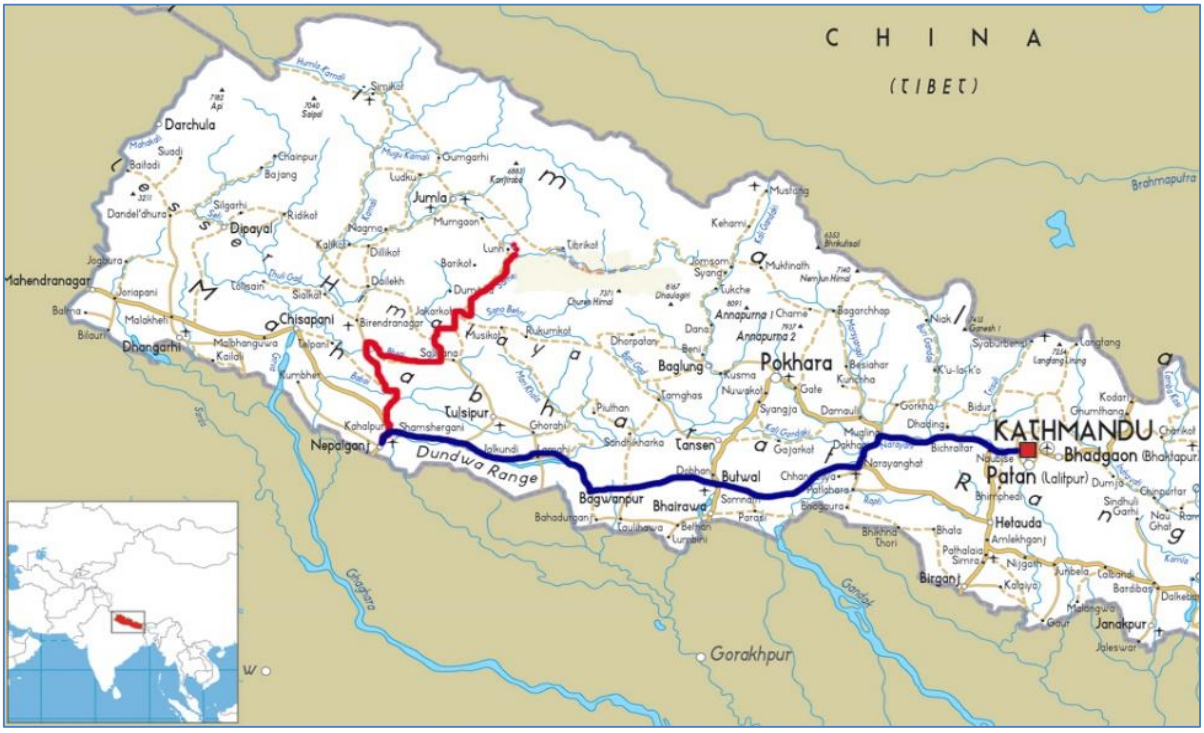

Figure 2: Accessibility of JHEP from Kathmandu

2.1.4 Project General Layout

The whole project is divided into three work sites: **Headworks Site** - covering 23 m high gated type concrete dam, settling basin and pondage; **Underground Works 1** - headrace tunnel and surge shaft; and, **Underground Works 2** – pressure shaft, powerhouse cavern and transformer cavern including GIS accommodation.

The headworks is proposed near Hurikot village about 500 m upstream of the Jagdulla River and Phoigar khola confluence. The headworks consist of 23 m high (from the existing riverbed level) gated diversion dam with three gates of size 7 m wide and 7 m high, side intakes and 120 m long and 13 m wide double chambered settling basin with the provision of head pond at the end of settling basin. The headrace tunnel is 6,135 m long, out of which about 3.92 km of the tunnel length (around 64% of total tunnel length) will be shotcrete lined and 2.21 km of the tunnel length (around 36% of tunnel length) will be concrete lined. An underground surge shaft of height 49.85 m with restricted orifice is proposed with underground pressure shaft of

1.4 km length. Both powerhouse and transformer bay are proposed underground inside the sound rock mass at Ila. The powerhouse will accommodate three units of vertical shaft Pelton turbine and generator of 36 MW, each positioned in vertical axis providing the space for service bay. Transformer cavern will accommodate ten number of single-phase transformers along with Gas Insulated Substation (GIS) system. 132kV cable shall interconnect underground GIS system to take-off yard located outside the Main Access Tunnel. Outdoor take-off yard (comprising of outdoor electrical equipment and gantry structures) and terminal tower will access the generated power via cable from GIS system to connect to the 132 kV Double Circuit transmission line of length 45 km (approximately) connecting to Bafikot Substation. A 330m long tailrace tunnel will discharge the tailwater back to the Jagdulla River.

The plan and profile of the project is shown in figures respectively.

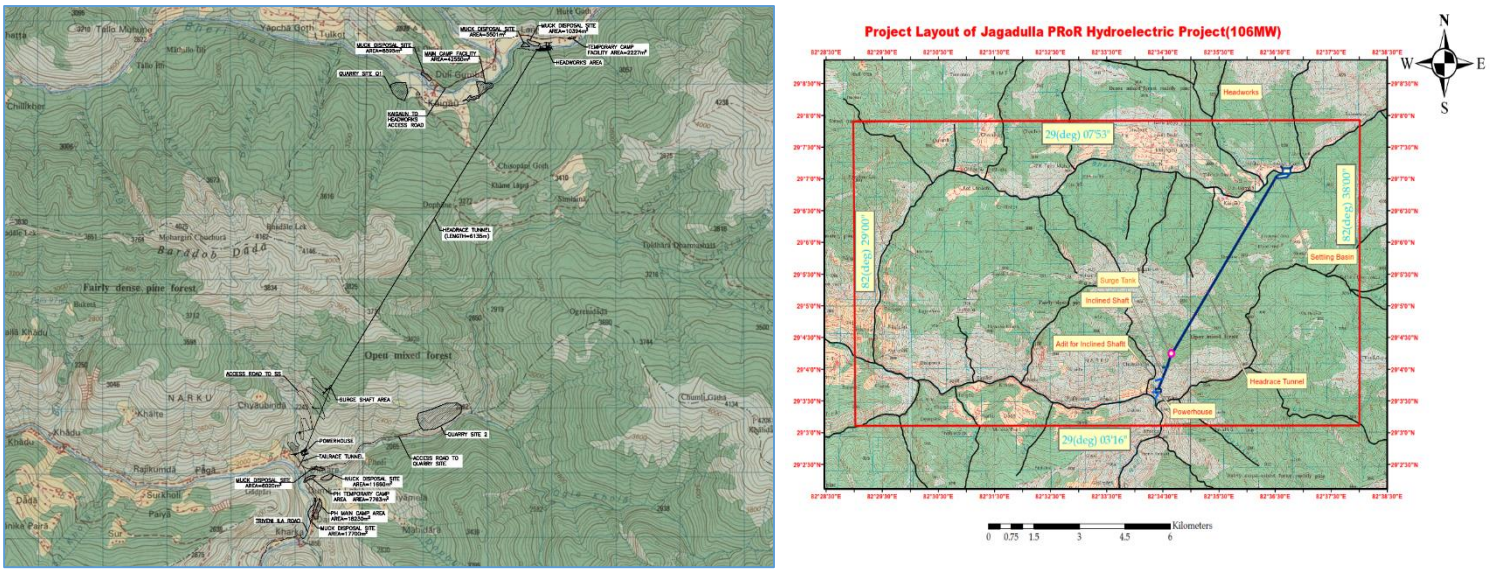

Figure 3 : Layout & Plan of Jagdulla Hydroelectric Project

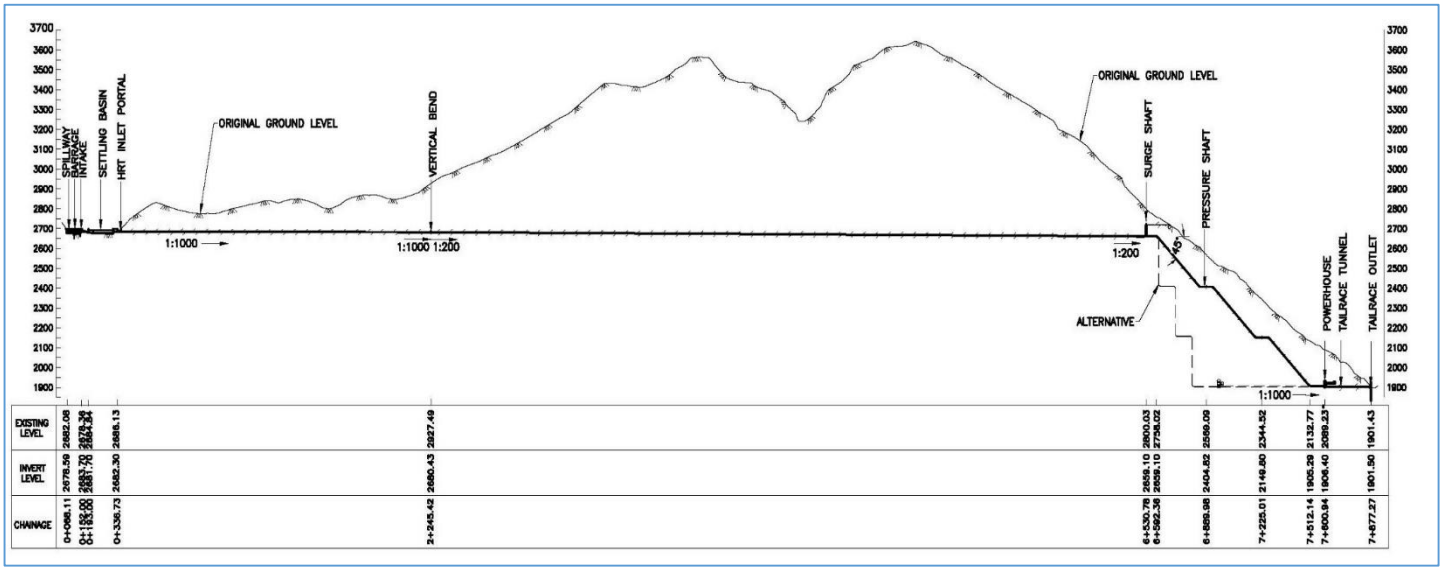

Figure -4: Profile of Jagdulla Hydroelectric Project

2.1.5 Salient Features of the JHEP:

S. No.	Parameters		Details
1	**General**		
1.1	Name of the Project		Jagdulla PROR Hydroelectric
1.2	Name of the River		Jagdulla River
1.3	Type of Scheme		PRoR
1.4	Project Location		Dolpa, Karnali Province, Nepal
1.5	License Boundary	Easting	$82^0 33'43''$ E to $82^0 38'00''$ E
		Northing	$29^0 03'16''$ N to $29^0 07'53''$ N
1.6	Nearest Settlement		Kaigaun
1.7	Access Road Name		Chaurjhari-Dolpa Highway at Triveni
2	**Organization**		
2.1	Developer		Jagdulla Hydropower Company Limited, Baneshwor, Kathmandu
2.2	Consultant		NEA Engineering Company Limited, Trade Tower, Thapathali,
3	**Hydrology**		
3.1	Catchment Area at Intake Site		633.83 sq. km.
3.2	Catchment Area at Powerhouse		978.99 sq. km.
3.3	Design Discharge (Q_{39})		16.7 m^3/s
3.4	Average Annual Discharge		19.8 m^3/s
3.5	Minimum Monthly Discharge		3.96 m^3/s
3.6	Maximum Monthly Discharge		48.72 m^3/s
3.7	Minimum Environmental Release		0.40 m^3/s
3.8	Flood Discharge for Headworks Design (1000 years)		1141 m^3/s
3.9	Flood Discharge for Powerhouse/Tailrace Design (1000 years)		1703 m^3/s
3.10	Construction Flood Discharge for Headworks (20 years)		34.22 m^3/s
3.11	Construction Flood Discharge for Powerhouse/Tailrace (20 years)		69.5 m^3/s

S. No.	Parameters	Details
4	**Sediment Study**	
4.1	Average Annual Sediment Load	285, 925 Metric Tons
4.2	Maximum Sediment Load	1.84 kg/m^3
4.3	Design Suspended Sediment Load	2000 ppm
4.4	Estimated Annual Sediment Yield	0.52 Million Metric Tons
5	**Geology**	
5.1	Regional Geology	Higher and Lesser Himalaya
5.2	Major Rock Types in Headworks	Gneiss
5.3	Major Rock Type in Waterways	Schist, Phyllite, Quartzite and Amphibolite
5.4	Major Rock Type in Powerhouse	Quartzite, Phyllite and Dolomite
6	**Diversion During Construction**	
6.1	Construction Flood	34.22 m^3/s
6.2	Diversion Type	Trapezoidal Canal
6.3	Length (m)	320 m
7	**Structures**	
7.1	Dam/Weir/Barrage	Barrage (3 nos. opening) with Emergency Spillway
7.2	Barrage Crest Level	2678.00 masl
7.3	Spillway	Uncontrolled Ogee Shaped
7.4	Spillway Crest Level	2696.00 masl
7.5	Spillway Crest Length	45.7 m
7.6	Lowest Riverbed Level at Weir Axis	2675.00 masl
7.7	Foundation Type	Rock foundation at barrage, Floating foundation at spillway
7.8	Provision of Stilling Basin	USBR type III
7.9	Water Level in Stilling Basin for Design Flood	2676.45 masl
7.10	Maximum Operating Level	2696.00 masl
7.11	Minimum Operating Level	2690.00 masl
7.12	Total Capacity of the Reservoir	465,970 m^3

S. No.	Parameters	Details
7.13	Live Storage Volume	260,070 m^3
7.14	Dead Storage Volume	205,900 m^3
7.15	Inundation Area	48,276 m^2
7.16	Back Water Length	500 m
7.17	Peaking Duration	6 hours per day
7A	**Intake**	
7A.1	Intake Type	Side Intake
7A.2	Number of Orifices	2
7A.3	Size	2.0 m (B) x 2.0 m (H)
7A.4	Top Sill Level	2685.70 masl
7A.5	Invert Sill Level	2683.70 masl
7A.6	Gate Type	Fixed Wheel Vertical Lift
7A.7	Hoisting System	Gantry Crane Hoist
7A.8	Trash rack Dimension and Opening	3.8 m (W) x 5.0 m (H) x 2 (nos)
7A.9	Clear Opening of Trash Rack	50 mm
7A.10	Trash Rack Cleaning Mechanism	Trash Rack Cleaning Machine
7B	**Approach Culvert**	
7B.1	Type	Underground, pressurized
7B.2	Number	2
7B.3	Culvert/Canal Size	2 m (B) x 2 m (H)
7B.4	Length	36.1 m and 49.0 m
7B.5	Bed Slope (1V:x H)	Horizontal up to the end of curved portion and 1:11 and 1:10 in right bay and left bay respectively
7C	**Settling Basin**	
7C.1	Type	Dufour with Continuous Flushing
7C.2	Size of Particle to Settle	0.10 mm
7C.3	Settling Design Temperature	15° C
7C.4	Settling Efficiency	>90%
7C.5	Number of Bays	2

S. No.	Parameters	Details
7C.6	Inlet Transition Length	25.50 m
7C.7	Settling Basin Size	120 m (L) x13 m (B)
7C.8	Flushing System	Continuous Flushing
7C.9	Size of Flushing Channel	1.5 m (B) x 1.5 m (H)
7C.10	Longitudinal Slope	1:96 (V:H)
7D	**Headrace Tunnel**	
7D.1	Type	Inverted D-shaped Tunnel
7D.2	Material	Concrete and Shotcrete Lined
7D.3	Length	6135 m
7D.4	Diameter	3.8 m (Excavation)
7D.5	Thickness	100 mm-450 mm (Varies)
7D.6	Inlet Invert Level	2682.30 masl
7D.7	Outlet Invert Level	2659.10 masl
7D.8	Support Type	Concrete Lining, Shotcrete, Steel Ribs, Rock Bolts
7E	**Surge Shaft**	
7E.1	Type	Restricted Orifice
7E.2	Diameter/Dimension	8 m
7E.3	Height	55.9 m
7E.4	Upsurge Level	2715.85 masl
7E.5	Down Surge Level	2667.04 masl
7E.6	Invert Level	2659.10 masl
7F	**Pressure Shaft**	
7F.1	Material	ASTM 537, ST-550, ST-450
7F.2	Length	1406.69 m
7F.3	Internal Diameter	2.1 m
7F.4	Thickness	10-48 mm
7F.5	Maximum Surge Pressure	78.8 m
7G	**Powerhouse**	
7G.1	Type	Underground

S. No.	Parameters	Details
7G.2	Plan Dimensions	77.8 m (L) x14 m (B) x32.35 m (H)
7H	**Tailrace**	
7H.1	Type	Inverted D-shaped Tunnel
7H.2	Numbers	1
7H.3	Size	5 m (B) x 5 m (H)
7H.4	Length	266 m
7H.5	Outlet Water Level at River	1900.50 masl
7H.6	Minimum Tail Water Level	1900.30 masl
7H.7	Normal Tail Water Level	1900.40 masl
7H.8	Invert Level of Tailrace at Outlet	1900.50 masl
7H.9	Support Type	Rock bolts, Shotcrete
8	**Turbine**	
8.1	Type	Pelton, Vertical Axis
8.2	Number of Unit	3
8.3	Maximum Head	786.56 m
8.4	Minimum Head	766.54 m
8.5	Rated Net Head	766.54 m
8.6	Rated Capacity per Unit	36000 kW
8.7	Discharge per Unit	5.57 m^3/s
8.8	Turbine Axis Elevation	1906.40 masl
8.9	Turbine Efficiency	90%
9	**Generator**	
9.1	Type of Generators	Vertical Shaft
9.2	Centre Line Elevation	1902.4 masl
9.3	Number of Unit	3
9.4	Rated Output	42 MVA
9.5	Generation Voltage	13.8 kV
9.6	Frequency	50 Hz
9.7	Power Factor	0.85
9.8	Excitation System	Brushless

S. No.	Parameters	Details
9.9	Speed	750 rpm
9.10	Generator Efficiency	96%
10	**Transformer**	
10.1	Cavern Size	85.0 m x 10.2 m x 13.20 m (L x B x H)
10.2	Type	3 x 1 Ph, Oil Immersed
10.3	Number of Phase	1
10.4	Number of Units	9+1
10.5	Frequency	50 Hz
10.6	Vector Group	Ynd11
10.7	Voltage Ratio	13.8 kV/132 kV
10.8	Transformer Efficiency	99%
11	**Switchyard**	
11.1	Type	GIS, Underground
11.2	Dimensions	18 m x 14 m x 10 m
11.3	Take-off Yard	30 m x 30 m
12	**Transmission Line**	
12.1	Transmission Voltage	132 kV
12.2	Length	45 km
12.3	Connection Point	Nalgad Hub Substation, Danipeepal, Jajarkot/ Bafekot,
13	**Power and Energy**	
13.1	Installed Capacity	106,000 kW
13.2	Gross Head	789.60 m
13.3	Outage	5%
13.4	Dry Season Energy (with Outage)	193.24 GWh
13.5	Wet Season Energy (with Outage)	430.23 GWh
13.6	Dry Peak Energy (with Outage)	107.07 GWh
13.7	Dry Off-Peak Energy (with Outage)	86.17 GWh
13.8	Total Annual Energy (with Outage)	623.47 GWh

2.2 Jagdulla A PRoR Hydropower project (JAHEP)-120.6 MW

Besides executing the works of JHEP the team members and board management are also engaged in developing of Jagdulla-A HEP, a semi-cascade project of Jagdulla Hydropower Company Limited. JAHEP is Peaking Run of the River (PRoR) project of 6 hours of peaking capacity with dam of height 22 m & 4 m. and discharge of 30.6 m^3/s. It consists vertical Pelton turbines of 3 units with capacity of 41.80 MW each.

2.2.1 Introduction

Jagdulla A Hydroelectric Project (JAHEP) is being developed by Jagdulla Hydropower Company Limited (JHCL) as a semi-cascade project downstream of Jagdulla PROR Hydroelectric Project (JHEP).

We have obtained Survey License for a Run of River (RoR) Project on 2074/04/05 with a capacity of 82.30 MW. Subsequently, the task of Feasibility and Detailed Engineering study was entrusted to NEA Engineering Company. The Consultant carried out study accordingly and found the capacity of the project as 122.2 MW in its Interim Report and obtained the upgraded survey license of 120.6 MW

The Project is located in Mudkechula Rural Municipality, Dolpa District & Nalgad Municipality, Jajarkot District of Karnali Province of Nepal. Geographically, the project area is located between the longitudes 82˚30'54'' E to 82˚36'00''E and 28˚57'34'' N and 29˚04'22''. It utilizes a design discharge as 30.6 m3/s and a rated net head of 464.03 m to generate 122.2 MW power. The generated power will be evacuated through a- 38 km long double circuit high voltage Bear conductors to get connected at 400 kV Substation, Nalgad hub, Danipipal, Jajarkot District

2.2.2 Accessibility

The project is accessed by Jajarkot Dunai Road, stretching along the Bheri River corridor. The powerhouse area is approximately 70 km away from Jajarkot and already connected through fair weather road. While the headworks area at Ila Village can be accessed via a-12 km long pedestrian trail, where a track is being opened from Triveni. Alternatively, it is accessible by about 6 hrs drive along Jumla – Dunai rugged road with additional 4 hrs on foot along the corridor of Jagdulla River.

Project Layout:

The project layout of JAHEP is as below:

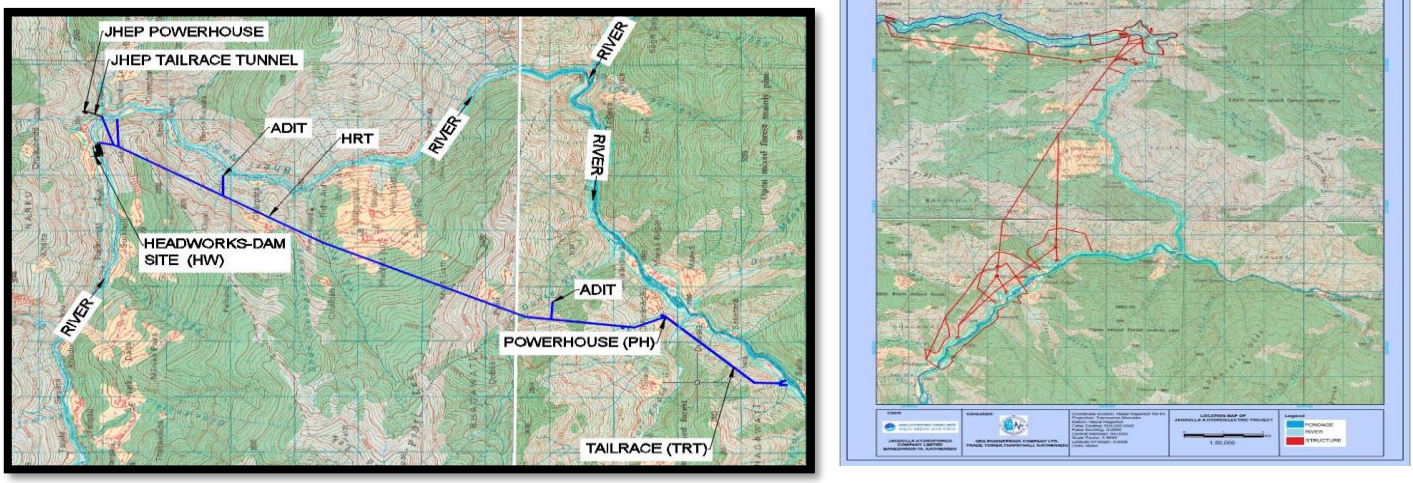

Figure 5: Layout of the JAHEP (120.6 MW)

After the visit of the site of JAHEP the consultant submitted the various layout along with the inception report. Based on the report JHEP selected above feasible project layout.

S. No	Parameters	Details
	1	**General**
1.1	Project name	Jagdulla A Hydroelectric Project
1.2	Location	Dolpa and Jajarkot, Karnali Province, Nepal
1.3	Co-ordinates of the Project area	82°30'54" E to 82°36'00"E 28°57'34" N and 29°04'22" N
1.4	Nearest settlement	Ila
1.5	River	Jagdulla
1.6	Access Road Name	Chaurjhari-Dolpa Highway at Triveni
1.7	Type of project	PRoR
	2	**Organization**
2.1	Developer	Jagdulla Hydropower Company Ltd.
2.2	Consultant	NEA Engineering Company Ltd.
	3	**Hydrology**
3.1	Catchment area at headworks	904km^2
3.2	Design Discharge	30.6m^3/s
3.3	Mean annual flow	39.8 m^3/s
3.4	Maximum average monthly discharge	99.9m^3/s

S. No	Parameters	Details
3.5	Minimum average monthly discharge	7.8m^3/s
3.6	1 in 5 years flood (Q5)	517 m^3/s
3.7	1 in 100 years flood (Q100)	1,018 m^3/s
3.8	1 in 1000 years flood (Q1000)	1,392 m^3/s
3.9	1 in 10,000 years flood (Q10,000)	1,764 m^3/s
3.10	Probable maximum flood (QPMF)	4,493 m^3/s
	4	**Reservoir**
4.0	Gross storage volume	1.97 Mm^3
4.1	Live storage volume	0.72 Mm^3
4.2	Surface Area of Reservoir at FLS	195,623 m^2
4.3	Full supply level	1944.00 masl
4.4	Minimum drawdown level	1940.00 masl
4.5	Headpond Level	1901.00 masl
4.6	Peaking Period	6 Hrs/day
	5	**Geology**
5.1	Regional Geology	Lesser Himalayan Sequence
5.2	Major rock type in Headworks	Dolomite and Phyllite
5.3	Major rock type in Waterways	Dolomite, Phyllite and Quartzite

2.2.3 Salient Features of the JAHEP:

S. No	Parameters	Details
5.4	Major rock type in Powerhouse	Quartzite
5.5	Major rock type in Tailrace	Quartzite, Phyllite and Dolomite
	6	**River Diversion Works**
6.1	Type	Diversion Channel
6.2	U/S Coffer Dam	5.0 m high
6.3	D/S Coffer Dam	3.0 m high
6.4	Diversion Channel Section	8.0 m X 4.5 m
6.5	Diversion Channel Length (Stage1)	219.09 m
	7	**Dam**
7.1	**Headworks 3**	
7.1.1	Dam crest length	53 m
7.1.2	Dam height	22.00 m from the crest level of undersluice
7.1.3	Dam top elevation	1948.00 masl
7.2	***Headworks 2***	
7.2.1	Dam crest length	37m

S. No	Parameters	Details
7.2.2	Dam height	4.0 m from the crest of undersluice
7.2.3	Dam top elevation	1934.00 masl
	8 Spillway	
8.1	***Headworks 3***	
8.1.1	***Main Spillway***	
a.	Type	Gated Broad Crested
b.	Number and size	2 nos. radial gate, 11.0m(B) X 15.0m(H)
c.	Crest elevation	1929.00 masl
8.1.2	***Undersluice Spillway***	
a.	Type	Sluice
b.	Number and size	1 no. radial gate,6.0m(B) X6.5m(H)
c.	Crest elevation	1926.00 masl
8.1.3	***Trash Passage Spillway***	
a.	Type	Ogee and gated
b.	Crest elevation	1940.5 masl
c.	Number and Size	1 no. vertical gate, 6.0m X 3.5m
8.1.4	***Fuse Plug Spillway***	
a.	Type	Embankment Bay
b.	Crest Level	1946.0 masl
8.2	***Headworks 2***	
8.2.1	***Diversion weir***	
a.	Type	Broad crested weir
b.	Number and size	1 no., 32m long

S. No	Parameters	Details
c.	Crest Level	1934.00 masl
8.2.2	***Undersluice spillway***	
a.	Type	Sluice
b.	Number and size	1 no. of vertical gate, 2.0m (B) X 3.0m(H)
c.	Crest Level	1930.00 masl
	9 Intake	
9.1	***Headworks 3***	
9.1.1	Type of intake	Semi-frontal
9.1.2	Number and size of intake gate	2 Nos, 2.70 m (B) x 2.70 m (H)
9.1.3	Invert level	1934.30 masl
9.1.4	Deck level	1948.00 masl
9.1.5	Trashrack	Inclined at 80º to horizontal

S. No	Parameters	Details
9.2	***Headworks 2***	
9.2.1	Type of intake	Semi-frontal
9.2.2	Number and size of intake gate	1 No, 1.50 m (B) x 1.50 m (H)
9.2.3	Invert level	1932.00 masl
9.2.4	Deck level	1936.00 masl
9.2.5	Trashrack	Inclined at 80º to horizontal
	10	**Approach culvert to settling basin**
10.1	***Headworks 3***	
10.1.1	Culvert Size	2 Nos, 2.70 m (B) x 2.70 m (H)
10.1.2	Length	202.45 m
10.2	***Headworks 2***	
10.2.1	Culvert Size	1 No., 1.50m (B) X 1.50m (H)
10.2.2	Length	5m
	11	**Settling Basin**
11.1	***Headworks 3***	
11.1.1	Type	Intermittent flushing
11.1.2	Size of particles to be settled	0.15 mm
11.1.3	Number of bays	2
11.1.4	Inlet transition length	15.30 m
11.1.5	Size	110.00 m (L) x7.00 m (B)
11.2	***Headworks 2***	
11.2.1	Type	Intermittent flushing
11.2.2	Size of particles to be settled	0.5 mm
11.2.3	Number of bays	1
11.2.4	Inlet transition length	7.06 m
11.2.5	Size	18.00m(L) X 4.00m(B)

S. No	Parameters	Details
	12 Headpond	
12.1	Size	45.50m (L) X 15.20m (B)
12.2	FSL	1901.00 masl
	Headrace Tunnel	
12.3	Number	1 no.
12.4	Size and Shape	4.20m (concrete-lined), 4.80m (shotcrete-lined)
12.5	Length	2376.00m (concrete-lined) amd 5270.00m (shotcrete-lined)
12.6	Design velocity	1.49m/s in shotcrete-lined section and 2.21m in concrete-lined section

	13	**Surge Facility**
13.1	Type	Inverted D-shaped Surge tunnel
13.2	Length and diameter	550.00m long, 3.60 m diameter
13.3	Maximum Upsurge level	1913.180masl
13.4	Minimum Downsurge level	1874.965 masl
	14	**Pressure Shaft**
14.1	Length	539.5m
14.2	Internal diameter	3.0 m
	15	**Powerhouse**
15.1	Type	Underground
15.2	Installed capacity	122.2MW
15.3	Size	90 m (L) x16 m (B) x33.18 m (H)
	16	**Turbine**
16.1	Type	Pelton, Vertical axis
16.2	Rated Net Head	464.03 m
16.3	Rated Turbine Capacity per Unit	41.80 MW
16.4	Turbine Centerline Elevation	EL.1424.743 masl
16.5	Turbine Rated Efficiency	90%
	17	**Generator**
17.1	Type of Generators	Vertical shaft, salient polr type synchronous
17.2	Rated Output	48.2 MVA
17.3	Generation Voltage	13.80 kV
17.4	Frequency	50 Hz
17.5	Power Factor	0.85
17.6	Excitation System	Static with thyristor rectifier
17.7	Speed	500 rpm
17.8	Generator Efficiency	98%
	18	**Transformer**
18.1	Type	Indoor, Mineral Oil Immersed

S. No	Parameters	Details
18.2	Rated Capacity	16.5 MVA
18.3	Vector Group	Ynd 11
18.4	Voltage Ratio	132/√3/13.8
18.5	Transformer Efficiency	99.5%
	19	**Switchyard**
19.1	Type	GIS
19.2	Dimensions	30 m X 15 m

S. No	Parameters	Details
20	Tailrace Tunnel	
20.1	Number	1 nos
20.2	Length and size	4239m long, 5.5 m (B) x 5.5 m (H)
21	Energy	
21.1	Wet season energy with outage	484.97 GWh
21.2	Dry season total energy with outage	214.77 GWh
21.3	Total annual energy with outage	699.74 GWh
22	Transmission Line	
22.1	Length	34 km
22.2	Connection point	Nalgad Hub, Danipeepal, Jajarkot
23	Project Cost (Amount in '000)	
23.1	Pre-operating Expenses	450,000.00
23.2	Infrastructure Works & General Supports	1,020,855.73
23.3	Main Civil Works	9,285,615.71
23.4	Hydraulic Steel Structures	1,081,880.45
23.5	Electromechanical Equipment	3,528,756.00
23.6	132 kV Transmission Line & Sub-station	604,595.15
23.7	Cost for Detailed Engineering Design	300,000.00
23.8	Engineering Cost for Construction & Supervision	1,210,000.00
23.9	Project Development including owner Costs	648,000.00
23.10	Land & Environment Mitigation	372,250.00
23.11	Community Support Program (0.5% of Total Base Cost)	79,858.52
23.12	Insurances	110,549.17
23.13	Physical Contingencies	1,161,027.93
23.14	Price Contingencies	1,597,170.30
23.15	VAT	2,136,835.81
23.16	Total Cost without IDC as of 2023	23,587,394.77
23.17	IDC	4,074,629.28

S. No	Parameters	Details
23.18	Total Cost with IDC as of 2023	27,662,024.04
24	Financial and Economic Indicators	
24.1	Interest rate	10%

S. No	Parameters	Details
24.2	IRR	12.36%
24.3	EIRR/ROE (Return on Equity)	16.87%
24.4	NPV	5,325,327
24.5	B/C	1.24

Approved Plan

3.1 Main objectives, policies and programs of fiscal year 2081/82

3.1.1 Main Objectives:

1. Finalize necessary pre-construction activities and complete due diligence for financial closure, leveraging the detailed engineering study report and bidding documents for project development.

2. Select a lead consultant to monitor and supervise construction activities during the project's execution. Additionally, engage the consultant to complete pre-qualification tasks for Lot 2 (civil and Hydro-mechanical) & Lot 3 (Electromechanical Works) and facilitate the NIT (Notice Inviting Tender) and bid evaluation for these packages.

3. Initiate the upgrading of access road, construction of concrete and Bailey Bridges and start building office cum residential facilities at the Headworks. Finalize the bidding process for the office cum residential building at Power House before major construction begins.

4. Develop Community Support Programs to foster positive relationships with local communities and governments in project affected areas. These programs aim to minimize potential obstacles and create a supportive environment for the project's completion.

5. Complete the detailed Feasibility and Engineering study work along with Environment Impact Assessment of the company's new project Jagdulla-A Hydropower Project (120.6 MW) and initiate associated pre-construction activities.

3.1.2 Policy and Program:

S. N	Policy and Programs	Goal
1.	Hiring of main consultant	Hiring of main Consultant for regular monitoring and supervision of construction works during project construction. Evaluation is n process.

S. N	Policy and Programs	Goal
2.	Selection of Lot 2 (Civil and Hydro-Mechanical)	Floating Invitation of notice for the Selection of contractors of LoT-2 and completion of evaluation of same.
3.	Financial closing	A financial closure for NPR 11.5 arab is already done on 2081/02/02 with lead bank Nabil bank and member banks HIDCL, laxmi sunrise bank and Everest Bank. A full financial closure will be done this year for remaining loan amount.
4.	Construction of Bridge and access road	Under the concept of Design & Build, contract of bridge at the starting point of the access road of the project (in Triveni, Dolpa) has been started and design and IEE of same has been approved from the JHEP. Consequently, as per the approved construction schedule woks is being executed. All the pre-construction activities will be completed by this fiscal year. Completion of the construction of additional 9 nos of Bailey Bridges on the access road of the project. Completion of the Blasting area to connect the access road at different sections of the project (Tribeni-Illa-Kaigau Road) Construction of RCC motorable bridge over Bheri river at Triveni will be completed by this fiscal year.
5.	Construction works of residential cum office buildings	Construction work of the temporary prefab building at the power house site, Illa is completed. Construction work (office cum residential buildings) has been started at Headwork's Site and planning to complete the works as per approved Work Schedule by this fiscal year. Selection of the contractors will be completed and Start the works (office cum residential buildings) at powerhouse site as road is being connected to the power house site, Ila.
6.	Additional land acquisition work	As the consultant has submitted a report to acquire additional 50 ropanis of land, distribution of compensation to the affected land owners based on the rate finalized by the District Compensation Determination Committee Dolpa shall be performed.

S. N	Policy and Programs	Goal
7.	Training and career development	By identifying appropriate programs for the career development of the working employees, training including field visit shall be performed.
8.	Community Support Program (CSP)	In coordination with the concerned local bodies track road and gabion in the river for protection of Ila Village has been conducted and additional work will be started.
9.	Jagdulla-A Hydropower Project (120.6 MW)	After getting the License upgradation and area from DoED, planning to obtain the reports from consultant according to the agreement reached between NEA Engineering and JHCL associated to Detail Engineering study of Jagdulla-A Hydropower Project (120.6 MW) Completion of Detail Engineering study of Jagdulla-A Hydropower Project (120.6 MW) Completion of Environment Impact Assessment study of Jagdulla-A Hydropower Project (120.6 MW) Starting Preconstruction activities (Access Road, Bridge and Adit Tunnel works & Land Acquisition works)
10.	Other works	For further study of the project, Gauge Reading, Discharge Measurement and Sediment Sampling work shall be continued. Hiring of consultancy services as required by the JHEP during course of time. Purchase of office equipment's and vehicles

3.0 Plan and Schedule of F/Y 2081/82

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिद्युत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																								तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
जगदुल्ला अर्ध-जलाशययुक्त जलबिद्युत आयोजना (१०६ मे.वा.)																														
१	४.१.१	अनुमतिपत्र	लगानी बोर्डबाट लगानी स्वीकृति लिने																									AB/MK		
			उद्योग दर्ता गर्ने																											
२		वित्तीय (ऋण) व्यवस्थापन (Financial Closing) कार्य	Due Diligence सम्पन्न गर्ने कार्य																									SA/SS		
			Credit Rating को कार्य गर्ने																											
			Full Financial Closure गर्ने																											
३	४.१.२	वातावरणीय अध्ययन (EIA) अन्तर्गतका कार्य	नेपाल सरकार संग रुख कटान अनुमति लिने																									EE/MP/SS		
			नेपाल सरकार संग सार्वजनिक जग्गा भोगाधिकार स्वीकृति लिने																											
			Environment Management Plan (EMP) तयार गर्ने																											
			Environment Management Plan (EMP) लागु गर्ने																											

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

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				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक											
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
४	४.१.२.२	प्रशारण लाइनको अध्ययन कार्य (ईल बाट बाफिकोट सम्म)	**Detail Feasibility Study Works**																									MP/SO/SS		
			Geological Mapping Report																											
			DDR of Transmission Line including Construction Plan and Cost Estimate																											
			DDR of Line Bay Extension works with Construction Plan and Cost Estimate																											
			Complete Detailed Feasibility Report																											
			IEE of the TL (Ila to Bafikot) or (Illa to Danipipal)																									खरिद इकाई	मुल्यांकन समिति	प्रमुख कार्यकारी अधिकृत
			Preparation of the Cost Estimate and EOI/RFP Document																											
			Issue the Letter for Submission of RFP																											
			Opening and Evaluation of the Technical Documents of RFP																											
			Issue the Letter for Financial Opening																											
			Opening and Evaluation of the Financial Document of RFP																											
			Issue the Letter of Intent (LOI) and Letter of Acceptance (LOA)																											
			Contract Agreement and Completion of the Works																											

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																								तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक											
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
५	४.१.२.३	Construction / Contract Management and Construction Supervision of Jagdulla PROR Hydroelectric Project (106 MW)	Request for Proposal (RFP) to the Selected Bidders																									खरिद इकाई	मुल्यांकन समिति	प्रमुख कार्यकारी अधिकृत
			Technical Evaluation of the RFP																											
			Issue the Letter for Financial Opening																											
			Opening and Evaluation of the Financial Document of RFP																											
			Letter to Intent (LOI)																											
			Letter to Award (LOA)																											
			Contract Negotiation & Contract Agreement																											
			Establishment of the Office and Furniture Setup																											
			Start the Works and Design Review of LOT 2																											

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

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				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक											
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
६	४.१.२.४	Gauge Reading, Discharge Measurement and sediment sampling	Issue the Letter for Submission of RFP				■																					खरिद इकाई	मुल्यांकन समिति	प्रमुख कार्यकारी अधिकृत
			Opening and Evaluation of the Technical Documents of RFP					■																							
			Issue the Letter for Financial Opening						■																						
			Opening and Evaluation of the Financial Document of RFP							■																					
			Issue the Letter of Intent (LOI) and Letter of Acceptance (LOA)								■																				
			Contract Agreement and Start the Works									■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			
७	४.१.३.३	आयोजना पुल तथा पहुँच सडक निर्माण	**D&B of the Bridge over the bheri river in Tribeni Dolpa**																											
			Construction of Pier 1 up to the EL			■	■	■	■																			SK/PS/SO		
			Concreting of Superstructure from Pier 2 to Right Abutment					■	■	■	■	■	■																	

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

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				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक											
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
			Concreting of Superstructure from Pier 1 to Pier 2																											
			Construction of Left Abutment up to the EL																											
			Concreting of Superstructure from Left Abutment to Pier 1																											
			Pavement works over the Superstructure and all complete as per milestones																											
			River Training Works																											
			Access Road construction (1500m) with use of Explosives																											
			Excavation of the Hill 3 of the access road																									SK/PS/SO		
			Excavation of the Hill 4/5 of the access road																											
			Excavation of the Hill 6 (D/S of Narkhu Village) of the access road																											
			Excavation of the Hill as directed by Site Engineer																											

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

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सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																						तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
			Access Road Construction (Illa - fedi - simlanka)																											
			Track Opening from illa to Phedi																									SK/PS/MN/SO		
			Track opening of Phedi to Simalanka																											
			Belly Bridge on the Project Access Road (10 Nos)																											
			Civil Works																									SK/PS/MN/SO		
			Construction of Abutment of Baily Bridge no 7,8,9,10																											
			Design supply and erection of bailly bridge																									MP/SK/PS/MN/SO		
			Delivery at site of Baily Bridge no 3,4,5,6																											
			Erection of Baily Bridge no 3,4,5,6																											
			Delivery at site of Baily Bridge no 7,8,9,10																											

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																						तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
			Erection of Baily Bridge no 7,8,9,10																											
			Completion of works the others as required																											
८	४.१.३.६	आबास तथा कार्यालय भवन निर्माण	**Office and Residence Building in HW Area**																											
			Construction of First Stage Camp (All Structural part - RCC Works)																									MP/SK/PS/SO		
			Construction of Second Stage Camp (All Non-Structural part - Wall, Plastering, Window, Door)																											
			Construction of Third Stage Camp (Electrical Sanity and Others)																											
			Construction of Landscaping, Access Road and other accessories as per design																											
			Construction of boundary wall																											
			Office and Residence Building in PW Area																											
			Update the Detail Cost Estimate & Prepare the Bidding Document																									खरिद	मूल्यांकन	प्रमुख

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																								तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक											
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
			Invitation of the Bids																											
			Opening and Evaluation of the Technical Bids																											
			invitation for finical Bids																											
			Opening and Evaluation of the financial Bids																											
			Letter to Intent (LOI)																											
			Letter to Award (LOA)																											
			Contract Agreement & Execution of the Works																											
९	४.१.३.७	Construction of LOT 2 Works (Civil and Hydromechanical Works)	**Bidding works**																											
			Opening and Evaluation of the Technical Bids																									खरिद इकाई	मूल्यांकन समिति	प्रमुख कार्यकारी
			Invitation of the Financial Bids																											

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जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																						तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
			Opening and Evaluation of the Financial Bids																											
			Letter of Intent (LOI) to the Selected Bidder																											
			Letter of Acceptance (LOA) to the Selected Bidder																											
			Contract Agreement																											
			Commencement of Works																											
			Contractor Mobilization (Temporary facility Equipment, Manpower Mobilization)																											
			Contractor Mobilization (Ist Imported Equipment Procurement and Mobilization)																											
			Contractor Mobilization (2nd Imported Equipment Procurement and Mobilization)																											
			Survey and Bench Mark Installation																											
			Construction facilities																											
			Preliminary Works																											

SK/MP/PS/SO

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जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																						तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
			Engineering Design Submission																					■	■	■	■			
१०		Construction of LOT 3 Works (Electromechanical Works)	Update the Detail Cost Estimate & Prepare the Bidding Document								■	■	■	■														खरिद इकाई	मुल्यांकन समिति	प्रमुख कार्यकारी अधिकृत
			Invitation of the Bids												■	■	■	■												
			Opening and Evaluation of the Technical Bids																■	■										
			invitation for finical Bids																		■	■								
			Opening and Evaluation of the financial Bids																				■							
			Letter to Intent (LOI)																					■						
			Letter to Award (LOA)																						■					
			Contract Agreement & Execution of the Works																							■	■			
११		Construction of LOT 4 Works (Transmission Line and Switch Yard Works)	Update the Detail Cost Estimate & Prepare the Bidding Document																			■	■	■	■			खरिद ईकाई		
			Invitation of the Bids																							■	■			

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																						तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
१२		जग्गा प्राप्ति	छुट भएका जग्गाहरुको मुआब्जा वितरण कार्य गर्ने																							SK/MP/MN/PS/SO		
			प्रशारण लाइन भित्र पर्ने जग्गाहरुको मुआब्जा सम्बन्धि कार्य शुरु गर्ने																									
			जग्गा मुआब्जा दर रेट जिल्ला प्रशासन कार्यालय बाट तय गर्ने																									
			मुआब्जाको लागि सूचना प्रकाशन गर्ने																									
			मुआब्जा वितरण कार्य शुरु गर्ने																									
१२		सवारी साधन खरिद	लागत, अनुमान तथा बोलपत्र कागजात तयार गर्ने																							खरिद इकाई		
			बोलपत्रको सूचना प्रकाशन, मुल्यांकन तथा सम्झौता																									
			खरिद कार्य सम्पन्न गर्ने																									
१४		तालिम तथा वृत्ति बिकास (आन्तरिक तथा बाह्य)	कर्मचारीहरुलाई आवश्यक तालिमहरु छनौट गर्ने																							आवश्यकता र अनुकुलता बमोजिम		
			छनौट भएका तालिमहरु लिने कार्य सम्पन्न गर्ने गराउने																									

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																								तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक											
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
जगदुल्ला-ए जलबिधुत आयोजना (८२.३ मे.वा.)																														
१	४.२.१	सर्वेक्षण अनुमति पत्र शुल्क/नबिकरण	अनुमति पत्र (नबिकरण) प्राप्त गर्ने																									AB/MRS		
			बिद्युत उत्पदन अनुमतिपत्रको लागि बिद्युत बिकास बिभाग समक्ष निबेदन पेश गर्ने																											
२	४.२.२.१	अध्ययन कार्य/परामर्श सेवा	Final Feasibility Study Report																									AB/MRS		
			Final Consolidated report																											
			Submission of tender document																											
३	४.२.२.२	वातावरणीय अध्ययन कार्य	Submission of Draft Scoping Report and TOR to JHCL																									EE/MN/AB/MRS		
			Approval of Scoping and ToR document by MoFE trough DoED																											
			Public Hearing Program																											
			Submission of Environmental Baseline Report																											
			Submission of Draft EIA Report to JHCL																											
			Submission of Draft EIA Report to JHCL to MoFE through DoED																											

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																						तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
४		लगानी मोडालिटी तयार गर्ने तथा ऋण सम्बन्धी कार्य गर्ने	सम्पूर्ण स्व-पुंजी लगानी कर्ताहरु संग LOI लिई लगानी मोडालिटी तयार गर्ने																									AB/SA/MRS		
			ऋण दिने निकायहरु संग ऋण सम्बन्धि प्रक्रिया अघि बढाउने																											
			Consortium बैंकहरु सँग ऋण सम्बन्धि Term Sheet तयार गरी सम्झौता गर्ने																											
			Due Diligence लगायतका प्रक्रियागत कार्यहरु शुरु गर्ने																											
			ऋण सम्झौता सम्पन्न गर्ने																											
५		बिद्युत खरिद बिक्रि सम्झौता गर्ने कार्य	बिद्युत खरिद बिक्रिको लागि नेपाल बिद्युत प्राधिकरण समक्ष निबेदन पेश गर्ने																									AB/SA/MRS/SO		
			नेपाल बिद्युत प्राधिकरण संग Energy Lock गर्ने																											
			नेपाल बिद्युत प्राधिकरण संग Connection Agreement गर्ने कार्य सम्पन्न गर्ने																											
			मश्यौदा बिद्युत खरिद बिक्रि सम्झौता तयार गरि बिद्युत नियमन आयोगमा पेश गर्ने																											
			बिद्युत नियमन आयोगको स्वीकृति तथा सिफारिस प्राप्त गर्ने																											
			नेपाल बिद्युत प्राधिकरण संग बिद्युत खरिद बिक्रि सम्झौता गर्ने																											

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																						तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
६		जग्गा प्राप्ति कार्य	आयोजना स्थल भित्र पर्ने जग्गाहरुको मुआब्जा सम्बन्धि कार्य शुरु गर्ने																									AB/MN/PRS/MRS		
			जग्गा मुआब्जा दर रेट जिल्ला प्रशासन कार्यालय बाट तय गर्ने																											
			मुआब्जाको लागि सूचना प्रकाशन गर्ने																											
			मुआब्जा वितरण कार्य शुरु गर्ने																											
७		निर्माण कार्य	**टेस्ट अडिट खन्ने कार्य**																									खरिद इकाई	मुल्यांकन समिति	प्रमुख कार्यकारी अधिकृत
			Update the Detail Cost Estimate & Prepare the Bidding Document																											
			Invitation of the Bids																											
			Opening and Evaluation of the Technical Bids																											
			invitation for finical Bids																											
			Opening and Evaluation of the financial Bids																											
			Letter to Intent (LOI)																											

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिधुत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि. न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	आ.व. २०८१/८२ को कार्यन्वयन समयसरिणी																						तयार गर्ने	सिफारिस गर्ने	स्वीकृत गर्ने
				प्रथम चौमासिक								दोस्रो चौमासिक								तेस्रो चौमासिक										
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		माघ		फाल्गुन		चैत्र		बैशाख		जेष्ठ		असार				
				१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२	१	२			
			Letter to Award (LOA)																											
			Contract Agreement & Execution of the Works																											

TRUE

१	SS= Sanjay Sapkota; SO=Suresh Oli; RP=Rajendra Panthi; MRS= Megha Raj Sharma; PS=Pravhu Ram Silwal; MN=Man Prashad Neupane; MP=Madhuav Pyakurel; SK=Subash Khadka; MK=Mandira Khadka; PP=Parbat K.Pokharel; EO=Environment Officer; GE=Geotechnical Engineer, SA=Sajani Aryal ,
२	मासिक प्रगति विवरण तयार गरि बिधुत उत्पादन लगायत सस्थापक शेयर धनिहरुलाई र मन्त्रालयमा पठाउने - अशोक बिस्ट
३	Progress Presentation तयार गरि Update गर्ने - सम्बन्धित आयोजना प्रमुख, साइट इन्चार्ज लगायत संग विवरण माग गरि तयार गर्ने - अशोक बिस्ट
४	हरेक ३ महिनामा Technical/Financial Progress Presentation गर्ने - सुरेश ओली/मेघ राज शर्मा
५	IBN Focal Person, अशोक बिस्ट
६	प्रारम्भिक अधिकृत (जग्गा अधिग्रहण), TL, : माधव प्याकुरेल
७	वित्त व्यबस्थापन कार्य : सजनी अर्याल / संजय सापकोटा

Current Status of Projects

Broad Scope of Work

Project construction phase has been categorized in different packages to make the construction work ease for budgeting and planning purpose. Both the projects will be developed under the framework categorized. Major division of the project works has been provided below:

Lot-1: Infrastructure Development work

The first contract package (Lot-1) is proposed as Infrastructure Development work which includes the pre-construction works like construction of access road, camp facilities, bridges, construction power, water supply, etc. These works are proposed to be carried out by local contractors before the start of main construction work of project. Domestic Bidding Competition has been envisaged for Lot-1 on BOQ Model and some of works has already been awarded to Nepalese contractors.

Lot-2: Civil and Hydro-mechanical work

The second package (Lot-2) is proposed for Civil and Hydro-mechanical work, which includes civil works of Dam, power house, surge shaft, settling basin, cofferdam, and tunnel works etc. Hydro-mechanical works include fabrication and erection of gates, penstock tunnel, tailrace gates etc. International Bidding Competition has been proposed for Lot-2 on EPC Model.

Lot-3: Electro-mechanical work

The third package (Lot-3) is proposed for Electro-mechanical work which includes design, manufacturing and supply of electromechanical equipment's including electric overhead travelling (EoT) cranes, firefighting equipment, and equipment for compressed air supply, HVAC etc. International Bidding Competition has been proposed for Lot-3 on P&DB Model.

Lot-4: Transmission Line and Sub-station work

The fourth Package (Lot-4) is proposed for Transmission Line and Sub-station work, which will include the building of 132KV transmission line from powerhouse Illa village to NEA 132KV Bafikot Substation including installation of substation at Bafikot substation. International Bidding Competition has been proposed for Lot-4 on P&DB Model.

4.1 Pre- Construction Activities of Jagdulla PRoR Hydroelectric project (106 MW)

Agency	Agreement Signed Date	Agreement end Date	Scope of work	Status of work	Contract award amount (NPR)	Amount released to Agency (NPR)	Retention (NPR)	EOT	Remarks
NEA Engineering Co. Pvt. Ltd	6 Dec 2017	6 Jun 2019	Detail Design	Detail Design completed on Ashad 2077	348,700,000 Revised contract amounts	250,075,834			Completed
NEA Engineering Co. Pvt. Ltd	24 Dec 2017	24 Aug 2019	EIA Study	EIA Completed	2,00,55,550.75	16,044,440.60		Kartik 2080	Completed
Power Purchase Agreement (PPA)	Application to PDD of NEA- On 27-6-2021 PDD of NEA called for Energy Locking. Energy locking signing -28/06/2021, Final PPA with NEA- Final signed at 26/01/2080-								Completed
Debt Management	Financial Closure was concluded on 15th May 2024 in presence of Honorable Minister of Energy and Water Resource								
Land acquisition of the JHEP	260 Ropani of Private Land Acquired, some portion of land acquisition is remaining which is in progress								Completed
Sherpa/PS JV	15-JUN-2020	JUL-13-2022	Test Adit Tunnel	Completed	87,41,6,331.86	86,288,747.98	38,18,086.23		Completed
ERMC / Udaya JV	15th Dec 2022	June 2023	Detailed Feasibility Study of the 132KV DC		NRs 6,467,130.57.00	Nrs 3,224,737.00		June 2024	Ongoing
Sherpa Hydro Construction Pvt. Ltd.	11-Dec-2022	10-Dec-2024	Construction of Camp facilities at Headwork's	Under progress	NRs. 311,418,245.72	NRs 65,506,759.69			In Progress

Agency	Agreement Signed Date	Agreement end Date	Scope of work	Status of work	Contract award amount (NPR)	Amount released to Agency (NPR)	Retention (NPR)	EOT	Remarks
Rabi Chakra - Bfor JV	24-Aug -2023	23-Aug-2024	Installation of Bailey Bridges (For the site Excess)	Under Progress	NRs. 267,705,205.50	NRs 95,457,265.00		21 March 2025	In Progress
Serpa Hydro Construct	12-March -2023	11-March -2024	Access Road Opening (Triveni	Under Progress	NRs. 101,638,283.33	NRs. 23,790,883.25		EOT 1: 11	In Progress
Hirachan Caravan JV	29-July-2020	28- Dec -2022	Design and Build of Bridge Over Bheri River at Triveni, Dolpa	Under Progress	NRs. 148,925,928.75	NRs. 50,253,907.00			In Progress

4.2 Pre- Construction Activities of Jagdulla-A Hydroelectric Project – JAHEP

4.2.1 Survey License:

The Survey license was received from DoED on 09.04.2077 for a feasibility study of Jagdulla–A and it was renewed on 2080.04.20.and an application is submitted for renewal on 2081 .04.20 along with capacity increment application.

4.2.2 Detail Feasibility and Engineering Study

Contract agreement for detail design study of Jagdulla-A was signed with NEA Engineering on 30.08.2077.

As per the contract the deliverables that is to be provided by the NEA Engineering and its progress till date is tabulated as below:

Event	Completion Date (in months)	Status
Draft Inception Report	3	Received
Inception Report	6	Received
Topographical Survey and Mapping Report	8	Received

Event	Completion Date (in months)	Status
Design Basis Memorandum (DBM)	10	Received
Draft Hydrological, Sedimentation and GLOF Report	10	Received
Hydrological, Sedimentation and GLOF Report	14	Received
Interim Design Report	12	Received
Power Market, Power System and Evacuation Study Report	13	
Geological Baseline Report	14	Received
Draft Feasibility Study Report	19	Received
Feasibility Study Report	20	Received
Design Workshop	21	Concluded
Draft Tender Document and Tender Drawing	22	
Final Detailed Engineering Study Report	24	
Final Tender Document and Tender Drawings	24	
Bio Monthly Progress Report with Presentation	Within 15 days of the Reporting Month	

After the submission of the Inception report for JAHEP, the Consultant and JHCL teams conducted site visit and did extensive discussions. These evaluations concluded that the project's capacity could be increased from 82.3 MW to 120 MW. Following this decision, an application was submitted to the DoED to amend the license area and capacity. On 2080/04/20, JHCL received the amended license, officially reflecting the updated capacity and revised license area.

4.2.3 Environment Impact Assessment (EIA) Study

Contract agreement for EIA study of Jagdulla-A was signed with ERMC/ SHRESTHA/ GRID JV on 30.08.2077.

As per the contract the deliverables that is to be provided by the Consultant and its progress till date is tabulated as below:

S. No.	Reporting	Schedule in months	Status
1.	Submission of Inception Report to JHCL	1	Received
2.	Submission of Draft Scoping Report and TOR to JHCL	4	Received
3.	Approval of Scoping and ToR document by MoFE	7	Delayed Due to Delay in finalization of FSR
4.	Submission of Environmental Baseline Report	10	
5.	Submission of Draft EIA Report to JHCL	15	
6.	Submission of Draft EIA Report to JHCL to MoFE through DoED	16.5	
7.	Approved EIA report from MoFE	18	

4.3 Physical Progress of Construction Activities

4.3.1 Construction of Camp facilities at Headwork's Area

Contract has been awarded to Sherpa Hydro Construction Pvt. Ltd. on 14 August 2022. Since, we have resolved all the issues at site and the excavation work has been started. Contractor has prepared all the necessary preparatory work including access road to Headwork's camp. We have deployed the team lead by Site In charge for the supervision of construction works to ensure the timely completion of the work without compromising the quality.

Physical Progress			
S.N.	**Physical Milestones**	**Status**	**Remarks**
1	Excavation and Foundation works	Completed (Submitted and Approved)	For All Approved Building
2	Construction of Structures	Competed (Submitted and Approved)	For All Approved Building
3	Interior and furnishing works	In Progress	Materials approved and Transported to site
4	Sanitary and Plumbing Works	In Progress	Materials approved and Transported to site
5	Boundary wall and Fencing works	In Progress	**In Progress**

Almost 60 % of the physical progress has been achieved.

Progress Photos:

CONSTRUCTION OF THE CAMP FACILITY AT HEADWORKS SITE

Site Office Building

GUARD HOUSE

Guard House

Site Office Building

Type B1

Type B2

Client Cafeteria

Consultant Cafeteria

DB1

DB2

Clinic

4.3.2 Installation of Bailey Bridges (For the site Excess)

Contract has been awarded to Ravi Chakra –Bfour JV to Design, Supply and Install 253.59 m of Bailey Bridges at different location required for the project access. The company has finalized the modality for the abutment works. Abutment work must be done through the User Committees (Including local stakeholders for the individual bridges). We have completed the committee formation works coordinating with local governments. Design has been submitted by the contractor and 9 numbers of bailey bridges at different locations are approved along with its foundation abutment structures. The constructions of 4 Bailey bridges abutment foundation at Headwork's site and 2 at Powerhouse site is on final completion whereas remaining 3 numbers of Bailey bridges foundation at Powerhouse site has been started as access road from Tribeni to Ila was completed.

Physical Progress			
S.N.	**Physical Milestones**	**Status**	**Remarks**
1	Design & Drawing Preparation of Bridges	Completed (Submitted and Approved)	252 m of Bailey bridges 10 Nos for the connection of Access Road
2	Abutment Designs and Cost Estimate	Competed (Submitted and Approved)	Abutments of Bailey Bridges
3	Manufacturing of Bailey Bridges (Superstructure Parts)	Completed	Factory visit and Inspection Completed
4	Goods Dispatched from China	Completed	Lot 1 - 3 Bridges & Lot 2 - 3 Bridges have reached Jumla
5	Goods transported to Dolpa	In Progress	**B1 and B2 Items has been delivered**
6	Construction of Abutments	In Progress	Construction of abutments of 6 Bridges (B1, B2, B3, B4, B5, B6) completed and B6, B7 & B9 are in progress
7	Installation of Bailey Bridges	In Progress	

Almost 75 % of the physical progress has been achieved.

Bailey Bridge 1, Hurikot

Left Abutment

Right Abutment

Bailey Bridge 2, Kaaigaun

Right Abutment

Left Abutment

Bailey Bridge 3, Bajhgad

Bailey Bridge 4, Chhachu Gadpar

Bailey Bridge 5,Octa Gadpar

Bailey Bridge 6, Nuni Gaad

BB Materials at Jumla

BB Materials at Hurikot and Kaigaun

4.3.3 Access Road Opening (Triveni to Illa to Kaigaun)

Access road is the most important part of the preparatory work to start the project construction works. Most of the access road has been completed beside the portions with hard rock presence. We have finalized the contractor for the blasting and access road excavation works.

The Contractor (Sherpa Hydro Construction Pvt. Ltd) started the blasting work from 3rd of Poush 2080 after completing preparatory work. Almost 40 km access road has been completed by IDO, Dolpa and construction of Hard Rock portion along the different chainage of access road is being constructed by the Contractor Sherpa Hydro Construction Pvt. Ltd. Access track opening work upto power house from Triveni has been completed by blasting about 49000m^3 hard rock and further the access road from Power House (Ila) to Headworks (Kaigaun) is under construction.

Causes of Delays:

EOT-1: The pre-scheduled blasting work has been postponed to 6 months later due to unavailability of explosives at site which was not in scope of client but has only cooperative role to procure, transport, store and manage explosives with concerned stakeholders.

Weather and Road access: Some delays occurred due to adverse weather conditions, such as heavy rain and extreme temperatures, which hindered workers' ability to perform tasks safely and efficiently. Additionally, poor and limited access due to difficult terrain road has also impeded the delivery of materials and equipment to the construction site, further delaying progress.

Physical Progress			
S.N.	**Physical Milestones**	**Status**	**Remarks**
1	Blasting (Benching and Heading) All Complete - Hill 1	Completed (Submitted and Approved)	130 m rock blasting has been planned but 140 m has to be done during construction
2	Blasting (Benching and Heading) – Hill 2	Competed (Submitted and Approved)	110 m rock blasting has been planned but 110 m has to be done during construction
3	Blasting (Benching and Heading) - Hill 3	Completed	Estimated length is 465 m for blasting. Total length has been completed

Physical Progress			
S.N.	**Physical Milestones**	**Status**	**Remarks**
4	Blasting (Benching and Heading) - Hill 4	Completed	Estimated length is 150m for blasting. Total length has been completed
5.	Blasting (Benching and Heading) - Hill 5	Completed	Estimated length is 80m for blasting. Total length has been completed

Almost 90 % of the physical progress has been achieved.

Access Road (Triveni – Kaaigaun)

Excavated Area

Hill 1

Hill 2

Hill 3

Hill 4

Hill 5

4.3.4 RCC Motorable Bridge at Bheri River

Under the access road, a bridge is to be built at Triveni, Jajarkot over the Bheri River. For construction of the Bridge over Bheri River a contract agreement was performed between Jagdulla Hydropower Company Limited and Caravan/Hirachan JV on dated 29-July-2020.As per contract Caravan/Hirachan JV has completed the design works of the bridge and the IEE of the Bridge is completed. The foundation concreting work of right abutment pier 2 is complete and river training work 100 m is partially complete.

The details of contract between Jagdulla Hydropower Company Limited and M/S Caravan/Hirachan JV pertaining to the Bridge at Triveni over Bheri river is as under:

Causes of Delays:

- EoT-1: Extension of Time for IEE and Design Approval)
- EoT-2: Covid 19 Lockdown, National Elections, Weather etc.)
- Right Abutment Correction: The Right abutment design is revised and correction of existing work is done accordingly.
- Revised Design Finalization and Approval: The RCC Bridge design is revisited and redesigned due to change of site conditions. The final design is approved on 2nd February, 2024.
- Weather and Road access: Some delays occurred due to adverse weather conditions, such as heavy rain and extreme temperatures, which hindered workers' ability to perform tasks safely and efficiently. Additionally, poor and limited access due to difficult terrain road has also impeded the delivery of materials and equipment to the construction site, further delaying progress.

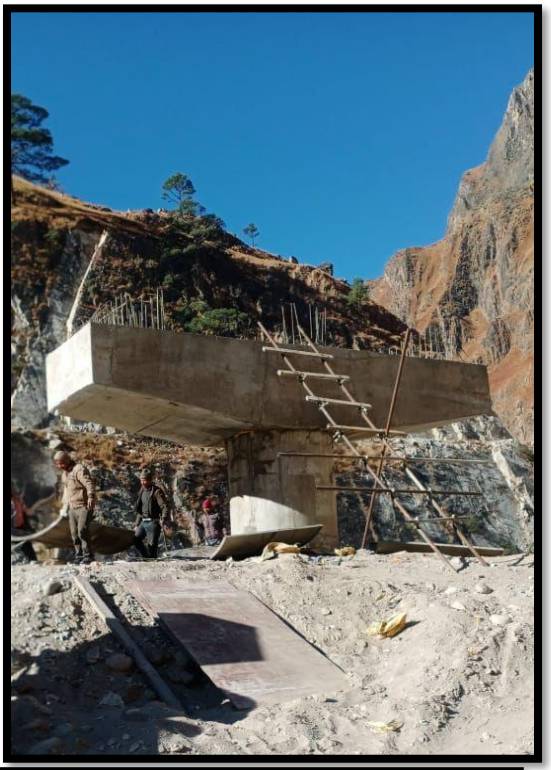
Physical Progress			
S.N.	**Physical Milestones**	**Status**	**Remarks**
1	Design of Bridge	**Completed**	CMT Lab Establishment & River Training works partially completed
		Right abutment Correction design	
		Pier 1, Left Abutment and Superstructure completed	
2	Right Abutment	Foundation and Sub Structure Completed	

Physical Progress			
S.N.	**Physical Milestones**	**Status**	**Remarks**
3	Pier 2	Foundation and Sub Structure Completed including pier cap	
4	Pier 1	Foundation and Sub Structure Ongoing	
5	Left Abutment	Excavation Ongoing	

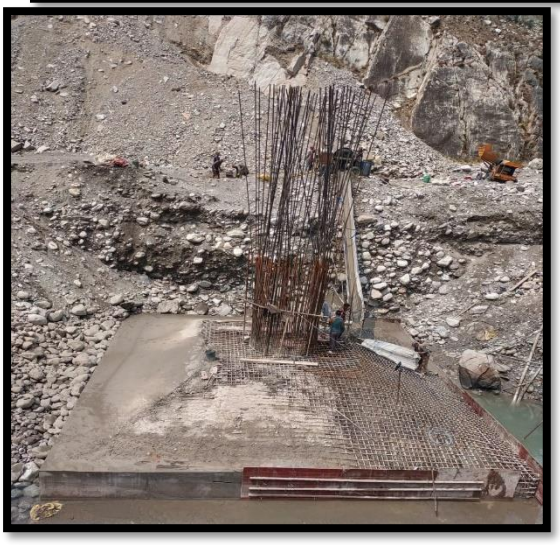
SN	Physical Progress Calculation		
I	Weightage for Foundation	35.00%	**As Per ACC 11.2**
	Total number of Foundation	4	
	Number of Foundation completed (Pier-1, Pier-2 & Rt. Abutment)	3	**As Per ACC 5.1 II**
	Physical Progress I	**26.25%**	
II	Weightage for Sub Structure	15.00%	**As Per ACC 11.2**
	Total number of sub-structures	4	
	Number of sub-structures completed (Pier-2 & Rt. Abutment)	2	**As Per ACC 5.1 II**
	Physical Progress II	**7.50%**	
III	River Training III	**0.90%**	
	Total Physical Progress	**34.65%**	

Almost 34.65 % of the physical progress has been achieved.

Ongoing Activities at Bridge Site Triveni



Pier 2



4.2 Progress as per Milestones targeted for Second Quarter (F/Y 2081/82)

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

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सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)																
१	४.१.१	अनुमतिपत्र	लगानी बोर्डबाट लगानी स्वीकृति लिने													Received on 2081-08-23
			उद्योग दर्ता गर्ने													In Process
२		वित्तीय (ऋण) व्यवस्थापन (Financial Closing) कार्य	Due Diligence सम्पन्न गर्ने कार्य													Draft report Submitted
			Credit Rating को कार्य गर्ने													Completed
			Full Financial Closure गर्ने													In Process
३	४.१.२	वातावरणीय अध्ययन (EIA) अन्तर्गतका कार्य	नेपाल सरकार संग रुख कटान अनुमति लिने													In process (approved from MoFE and forwarded to District Forest Office Dolpa)
			नेपाल सरकार संग सार्बजनिक जग्गा भोगाधिकार स्वीकृति लिने													In Process (Application submitted to Ministry of Land Management, Cooperatives and Poverty Alleviation)
			Environment Management Plan (EMP) तयार गर्ने													In Process
			Environment Management Plan (EMP) लागु गर्ने													In Process

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

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सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
४	४.१.२.२	प्रशारण लाइनको अध्ययन कार्य (ईल बाट बाफिकोट सम्म)	**Detail Feasibility Study Works**													Received
			Geological Mapping Report													Received
			DDR of Transmission Line including Construction Plan and Cost Estimate													Received
			DDR of Line Bay Extension works with Construction Plan and Cost Estimate													Received
			Complete Detailed Feasibility Report													Received
			IEE of the TL (Ila to Bafikot) or (Illa to Danipipal)													In Process
			Preparation of the Cost Estimate and EOI/RFP Document													Completed
			Issue the Letter for Submission of RFP													In Process
			Opening and Evaluation of the Technical Documents of RFP													In Process
			Issue the Letter for Financial Opening													In Process
			Opening and Evaluation of the Financial Document of RFP													Completed
			Issue the Letter of Intent (LOI) and Letter of Acceptance (LOA)													Completed
			Contract Agreement and Completion of the Works													Completed

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
५	४.१.२.३	Construction / Contract Management and Construction Supervision of Jagdulla PROR Hydroelectric Project (106 MW)	Request for Proposal (RFP) to the Selected Bidders													Completed
			Technical Evaluation of the RFP													In Progress
			Issue the Letter for Financial Opening													In Progress
			Opening and Evaluation of the Financial Document of RFP													In Progress
			Letter to Intent (LOI)													In Progress
			Letter to Award (LOA)													In Progress
			Contract Negotiation & Contract Agreement													In Progress
			Establishment of the Office and Furniture Setup													In Progress
६	४.१.२.४	Gauge Reading, Discharge Measurement and sediment sampling	Issue the Letter for Submission of RFP													User Committee has been Formed / work willl be started soon
			Opening and Evaluation of the Technical Documents of RFP													User Committee has been Formed / work will be started soon
			Issue the Letter for Financial Opening													
			Opening and Evaluation of the Financial Document of RFP													
			Issue the Letter of Intent (LOI) and Letter of Acceptance (LOA)													User Committee has been Formed /material Collection and Escavation work is in Progress

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
			Contract Agreement and Start the Works									■	■	■	■	
७	४.१.३.३	आयोजना पुल तथा पहुँच सडक निर्माण														
			Construction of Pier 1 up to the EL			■	■	■	■							In Progress
			Concreting of Superstructure from Pier 2 to Right Abutment					■	■	■	■	■	■			In Progress
			Concreting of Superstructure from Pier 1 to Pier 2									■	■	■	■	In Progress
			Construction of Left Abutment up to the EL												■	In Progress
			River Training Works							■	■	■	■	■	■	In Progress
			Excavation of the Hill 3 of the access road	■	■	■										Completed
			Excavation of the Hill 4/5 of the access road			■	■	■								Completed
			Excavation of the Hill 6 (D/S of Narkhu Village) of the access road					■	■	■	■					Completed
			Excavation of the Hill as directed by Site Engineer							■	■	■	■	■	■	
			Track Opening from illa to Phedi	■	■	■	■	■	■	■	■	■	■	■	■	In Progress
			Track opening of Phedi to Simalanka	■	■	■	■	■	■	■	■	■	■	■	■	In Progress

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
			Civil Works													
			Construction of Abutment of Baily Bridge no 7,8,9,10	■	■	■	■	■	■							In Progress
			Design supply and erection of bailey bridge													
			Delivery at site of Baily Bridge no 3,4,5,6	■	■	■	■	■								Delivered
			Erection of Baily Bridge no 3,4,5,6						■	■						In Progress
			Delivery at site of Baily Bridge no 7,8,9,10							■	■	■				Delivered at Jumla / Planning for site delivery
			Erection of Baily Bridge no 7,8,9,10										■	■		Not Started
			Completion of works the others as required												■	
८	४.१.३.६	आबास तथा कार्यालय भवन निर्माण														
			Construction of First Stage Camp (All Structural part - RCC Works)	■	■	■	■	■	■	■	■	■	■	■	■	Completed
			Construction of Second Stage Camp (All Non-Structural part - Wall, Plastering, Window, Door)					■	■	■	■	■	■	■	■	Completed
			Construction of Third Stage Camp (Electrical Sanity and Others)							■	■	■	■	■	■	In Progress

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
			Construction of Landscaping, Access Road and other accessories as per design													In Progress
			Construction of boundary wall													In Progress
			Update the Detail Cost Estimate & Prepare the Bidding Document													Cost update in progress
			Invitation of the Bids													Not Published Yet
			Opening and Evaluation of the Technical Bids													Not started yet
			Invitation for financial Bids													
			Opening and Evaluation of the financial Bids													
			Letter to Intent (LOI)													
			Letter to Award (LOA)													
			Contract Agreement & Execution of the Works													
			Opening and Evaluation of the Technical Bids													Evaluation in Progress
			Invitation of the Financial Bids													In Progress
			Opening and evaluation of the Financial Bids													In Progress

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
			Letter of Intent (LOI) to the Selected Bidder													In Progress
			Letter of Acceptance (LOA) to the Selected Bidder													In Progress
			Contract Agreement													In Progress
१०		Construction of LOT 3 Works (Electromechanical Works)	Update the Detail Cost Estimate & Prepare the Bidding Document													Completed
			Invitation of the Bids													Not Published Yet
११		जग्गा प्राप्ति	छुट भएका जग्गाहरुको मुआब्जा वितरण कार्य गर्ने													In Progress
			प्रशारण लाइन भित्र पर्ने जग्गाहरुको मुआब्जा सम्बन्धि कार्य शुरु गर्ने													In Progress
१२		सबारी साधन खरिद	लागत, अनुमान तथा बोलपत्र कागजात तयार गर्ने													Not Started Yet
			बोलपत्रको सूचना प्रकाशन, मुल्यांकन तथा सम्झौता													Not Started Yet
			खरिद कार्य सम्पन्न गर्ने													Not Started Yet

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
१३		तालिम तथा बृत्ति बिकास (आन्तरिक तथा बाह्य)	कर्मचारीहरुलाई आवश्यक तालिमहरु छनौट गर्ने													Completed
			छनौट भएका तालिमहरु लिने कार्य सम्पन्न गर्ने गराउने													In Progress
जगदुल्ला-ए जलबिद्युत आयोजना (१२०.६ मे.वा.)																
१	४.२.१	सर्वेक्षण अनुमति पत्र शुल्क/नबिकरण	अनुमति पत्र (नबिकरण) प्राप्त गर्ने													Application Submitted, Presentation concluded, Process Under Approval at Ministry and DOED
			बिद्युत उत्पदन अनुमतिपत्रको लागि बिद्युत विकास बिभाग समक्ष निबेदन पेश गर्ने													Application will be submitted after receiving renewed survey License
२	४.२.२.१	अध्ययन कार्य/परामर्श सेवा	Final Feasibility Study Report													In Progress due to capacity Change
			Final Consolidated report													Not Received yet
			Submission of tender document													Not received Yet
३	४.२.२.२		Submission of Draft Scoping Report and TOR to JHCL													Submitted

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिद्युत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
		वातावरणीय अध्ययन कार्य	Approval of Scoping and ToR document by MoFE through DoED							■	■	■	■	■	■	
४		लगानी मोडालिटी तयार गर्ने तथा ऋण सम्बन्धी कार्य गर्ने	सम्पूर्ण स्व-पुंजी लगानी कर्ताहरु संग LOI लिई लगानी मोडालिटी तयार गर्ने	■	■											Modality Prepared and Submitted, LOI received from all the shareholders except VUCL
			ऋण दिने निकायहरु संग ऋण सम्बन्धि प्रक्रिया अघि बढाउने			■	■	■	■	■	■	■	■	■	■	Not Started yet as LOI from VUCL has not been received yet.
५		बिद्युत खरिद बिक्रि सम्झौता गर्ने कार्य	बिद्युत खरिद बिक्रिको लागि नेपाल बिद्युत प्राधिकरण समक्ष निबेदन पेश गर्ने	■	■											LOI Application Submitted, Process in halt as LOI from VUCL has not been received yet.
			नेपाल बिद्युत प्राधिकरण संग Energy Lock गर्ने			■	■	■	■	■						
			नेपाल बिद्युत प्राधिकरण संग Connection Aggrement गर्ने कार्य सम्पन्न गर्ने								■	■	■	■	■	
६		जग्गा प्राप्ति कार्य	आयोजना स्थल भित्र पर्ने जग्गाहरुको मुआब्जा सम्बन्धि कार्य शुरु गर्ने	■	■	■	■	■	■	■	■	■	■			Not started as Land Parcelling is in progress

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

जगदुल्ला अर्ध-जलाशययुक्त जलबिधुत आयोजना (१०६ मे.वा.)/जगदुल्ला-ए जलबिद्युत आयोजना (१२० मे.वा.)

वडा न. ३१, बानेश्वर, काठमाडौं

आ.व. २०८१/८२ को नीति तथा कार्यक्रम र बजेट कार्यन्वयन कार्ययोजना

सि.न.	बजेट शिर्षक न.	मुख्य क्रियाकलाप	माईलस्टोन	First Quarter						Second Quarter						Status of The Milestone till 1st Quarter
				श्रावण		भाद्र		असोज		कार्तिक		मङ्सिर		पुस		
				१	२	१	२	१	२	१	२	१	२	१	२	
			जग्गा मुआब्जा दर रेट जिल्ला प्रशासन कार्यालय बाट तय गर्ने											■	■	Not started as Land Parcelling is in progress
७		निर्माण कार्य	**टेस्ट अडिट खन्ने कार्य**													
			Update the Detail Cost Estimate & Prepare the Bidding Document	■	■											Completed
			Invitation of the Bids			■	■									Not Started Yet
			Opening and Evaluation of the Technical Bids					■	■							
			Invitation for financial Bids							■						
			Opening and Evaluation of the financial Bids								■					
			Letter to Intent (LOI)									■				
			Letter to Award (LOA)										■			
			Contract Agreement & Execution of the Works											■	■	

Budget and Progress Summary of this Quarter

Information regarding the approved budget and expenditure of same of fiscal years 2080-81 is tabulated as below.

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

त्रैमासिक बजेट विनियोजन तथा प्रगति विवरण

आर्थिक वर्ष २०८१/८२

सि. नं.	बजेट शीर्षक	प्रस्तावित बजेट रु.	प्रथम त्रैमासिक			दोस्रो त्रैमासिक		
			बजेट रु	खर्च	भौतिक प्रगती (%)	बजेट रु	खर्च	भौतिक प्रगती (%)
१	कूल व्यवस्थापन खर्च	६३,८८२,२६९.४४	१५,९७०,५६७	१४,६७०,३६१		१५,९७०,५६७	१३,१५७,२८२.८९	
आयोजना खर्च-जगदुल्ला जलाशययुक्त जलबिद्युत आयोजना (१०६ मे.वा.)								
१	Detail feasibility report को अन्तिम प्रतिबेदन प्राप्त गर्ने-Transmission Line	१,६२५,६१०.९३	९६७,४२१.२५	९६७,४२१.२५	९०.००%	६५८,१८९.६८		९५.००%
२	IEE कार्य गर्ने-Transmission Line	२,५००,०००.००			०.००%	३२५,०००.००		०.००%
३	Gauge Reading, Discharge Measurement and sediment sampling	२४,५००,०००.००			२५.००%	८,१६६,६६६.६७		४५.००%
४	Contract Management and Construction Supervision of Jagdulla PROR Hydroelectric Project (106 MW)	१३५,०००,०००.००			४०.००%			६०.००%
५	Due Diligence for Project Financing by consultant	१,८००,०००.००			८०.००%	१,८००,०००.००	१,३५६,०००.००	९०.००%
६	वित्तीय परामर्श	२००,०००.००			०.००%	१००,०००.००		०.००%
७	कानुनी परामर्श	५००,०००.००	७२,३२०.००	७२,३२०.००	१०.००%	२००,०००.००		१०.००%
८	Individual Consultant for	३००,०००.००						

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

त्रैमासिक बजेट विनियोजन तथा प्रगति विवरण

आर्थिक वर्ष २०८१/८२

सि. नं.	बजेट शीर्षक	प्रस्तावित बजेट रु.	प्रथम त्रैमासिक			दोस्रो त्रैमासिक		
			बजेट रु	खर्च	भौतिक प्रगती (%)	बजेट रु	खर्च	भौतिक प्रगती (%)
	Land Acquisition purpose							
९	Credit Rating Fees	५००,०००.००	४४०,७००.००	४४०,७००.००	१००.००%			१००.००%
१०	आयोजना अन्य प्राविधिक परामर्श सेवा	१,५००,०००.००	६२४,४३८.००	६२४,४३८.००	२०.००%	३००,०००.००		२०.००%
११	D&B of the Bridge Over the Bheri River in Tribeni Dolpa	८१७९,५८०९.०७	-	-	५०.००%	३२,७१८,३२३.६३	६,३५९,१६१.८१	५५.००%
१२	Tribeni-Ila-Kaaigaau Access Road (Upgradation)	७२,३३३,१७०.०८	६,६७७,४७४.१८	१६,६७७,४७४.१८	७५.००%	५०,०००,०००.००	६,७३४,०६३.०३	९०.००%
१३	Track Opening (Ila - phedi - Simalamnka)	२६,०००,०००.००			१०.००%	१०,०००,०००.००		५.००%
१४	Civil Works for Bailey bridge including River Training	२१,३६८,४९८.११	६,५४६,७७५.००	६,५४६,७७५.००	५०.००%	१०,०००,०००.००		८०.००%
१५	Construction of Approach road and structures	१६,०००,०००.००			०.००%	६,४००,०००.००		०.००%

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

त्रैमासिक बजेट विनियोजन तथा प्रगति विवरण

आर्थिक वर्ष २०८१/८२

सि. नं.	बजेट शीर्षक	प्रस्तावित बजेट रु.	प्रथम त्रैमासिक			दोस्रो त्रैमासिक		
			बजेट रु	खर्च	भौतिक प्रगती (%)	बजेट रु	खर्च	भौतिक प्रगती (%)
१६	Design supply and Erection of Bailly Bridge	१४९,७०९,४२५.५०			६०.००%	५०,०००,०००.००	१५,७६०,६११.७२	७५.००%
१७	Construction of office and Residence Building in HW	२२७,६३१,४१३.३५	३६,०८४,३६७.४७	३६,०८४,३६७.४७	५१.००%	८०,०००,०००.००	११५,८३०.००	६०.००%
१८	Construction of office and Residence Building in PW Area	४५,०००,०००.००			०.००%			५.००%
१९	Repair and maintenance including Construction of Waiting room of Illa.	१,०००,०००.००				२००,०००.००		०.००%
२०	Office setup at Main Camp at Kaigaun/Head office	५,०००,०००.००	५५८,१२९.६०	५५८,१२९.६०	१०.००%	२,०००,०००.००		१०.००%
२१	Construction of LOT 2 Works (Civil and Hydromechanical Works)-Contract	६४१,२५०,०००.००			५०.००%			०.००%

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

त्रैमासिक बजेट विनियोजन तथा प्रगति विवरण

आर्थिक वर्ष २०८१/८२

सि. नं.	बजेट शीर्षक	प्रस्तावित बजेट रु.	प्रथम त्रैमासिक			दोस्रो त्रैमासिक		
			बजेट रु	खर्च	भौतिक प्रगती (%)	बजेट रु	खर्च	भौतिक प्रगती (%)
	Award गरि निर्माण कार्य शुरु गर्ने							
२२	मुल्यांकन खर्च	५००,०००.००	९,८०८.५०	९,८०८.५०	-	३००,०००.००	६६,२५१.००	०.००%
२३	सवारी साधन	१२,०००,०००.००						०.००%
२४	तालिम तथा बृत्ति बिकास (आन्तरिक तथा बाह्य)	१,२००,०००.००	६००,०००.००	५५४,३६६.००		२००,०००.००	६७,११०.००	
२५	कार्यालय भाडा तथा अन्य खर्च	१,८५४,८००.००				६१८,२६६.६७	९८,२००.००	०.००%
२६	मुआब्जा वितरण कार्य गर्ने (दोश्रो चरण)	५,०५०,०००.००			०.००%			
२७	सामुदायिक सहयोग कार्यक्रम	१०,५००,०००.००	३०,०००.००	३०,०००.००	०.२९%	५००,०००.००		०.२९%
२८	ब्याज तथा अन्य बैंक शुल्क	२७,२००,०००.००				२७,२००,०००.००		
	जम्मा	**१,५१३,८१८,७२७.०४**	**६२,६११,४३४.००**	**६२,५६५,८००.००**	**७.२१**	**२८१,६८६,४४६.६४**	**७०,५५७,२२७.५६**	
आयोजना खर्च-जगदुल्ला -ए जलबिद्युत आयोजना (१२०.६ मे.वा.)								
१	सर्वेक्षण अनुमति पत्र नबिकरण खर्च	५,०००,०००.००			०.००%			०.००%
२	उत्पादन अनुमति पत्र खर्च	५०,०००.००			०.००%			०.००%

जगदुल्ला हाईड्रोपावर कम्पनी लिमिटेड

त्रैमासिक बजेट विनियोजन तथा प्रगति विवरण

आर्थिक वर्ष २०८१/८२

सि. नं.	बजेट शीर्षक	प्रस्तावित बजेट रु.	प्रथम त्रैमासिक			दोस्रो त्रैमासिक		
			बजेट रु	खर्च	भौतिक प्रगती (%)	बजेट रु	खर्च	भौतिक प्रगती (%)
३	अध्ययन / परामर्श सेवा	१,८००,०००.००			०.००%			०.००%
४	विस्तृत ईन्जिनियरिङ अध्ययन	५८,०१८,९४३.८५			८५.००%	५८,०१८,९४३.८५		९०.००%
५	वातावरणीय अध्ययन कार्य	५,५६९,७७०.००		९९,७६२.००	१५.००%	३००,०००.००		२५.००%
६	Construction of Test Audit Tunnels at Powerhouse	६५,९९७,६६७.०८			०.००%			०.००%
७	Construction of Test Audit Tunnels at TRT	५९,५८८,७२०.७५			०.००%			९०.००%
८	Construction of Bailey Bridge & Access Road	४८,०००,०००.००			०.००%			०.००%
९	सामाजिक उत्तरदायित्व कार्यक्रम	५००,०००.००			०.००%	५०,०००.००		०.००%
	जम्मा	**२४४,५२५,१०१.६८**	**०.००**	**९९,७६२.००**	**१.००**	**५८,३६८,९४३.८५**	**०.००**	
१	पूजिगत खर्च	१,०३०,०००.००	६६,३६४.००	६६,३६४.००		४००,०००.००	-	
	जम्मा	**१,८२३,२५६,०९८.१६**	**७८,६४८,३६५.३६**	**७७,४०२,२८६.८५**	**८.२१**	**३५६,४२५,९५७.८५**	**८३,७१४,५१०.४५**	**०.००%**

Conclusion

The project and administrative expenditure of fiscal year 2081/82 of JHCL has been progressive second quarter of this year. However, natural calamities affected the schedule works and its proposed budget. In similar manner Compensation distribution to the land affected owners of additional land required for JHEP was too affected.

Since, the quarter of the Fiscal year occurred in festive season along with the nationwide long Dashain, Tihar and Chhat vacation. Most of the construction works have not been progressed as it has to be. This is the time which provide us time to work for planning and documentations for future execution of works. Team of JHCL arranged meeting with stakeholders, Contractors and Consultant for further execution of construction and study works.

Similarly, Quarterly budget of F/Y 2081/82 is more progressive and we have achieved most of the budget as planned.

The project has faced several delays due to unforeseen circumstances and technical challenges. Despite these setbacks, significant progress has been made, and a revised recovery schedule has been developed to ensure the project is completed within the adjusted timeline. Continued efforts will be focused on addressing any remaining issues and accelerating the work pace to meet the revised targets.

Major works of Jagdulla-A PRoR Hydroelectric Project -120.6 MW are in halt as all the share holders has provided the letter of Intent for Investment but major shareholder Vidhyut Utpadan Company Limited has not provided the letter of Intent regarding the investment. Karnali Province Government has already passed the investment approval by province cabinet for 5% equity investment in JAHEP-120.6 MW on 2081-09-19.

In conclusion, this progress report provides a comprehensive overview of the quarterly progress of our project and the milestones achieved during the reporting period. As we navigate through the project timeline, we have accomplished most of the milestones within the targeted timeline and our team is working hard to accomplish the milestones further.