

# COMPANY PROFILE

## Introduction

Dhaulagiri Civil Electrical Mechanical Engineering Pvt. Ltd. (DCEME) is a Private company established in 2053 B.S. under the company act of government of Nepal. It is the one of the leading and pioneering engineering company in the field of Micro/Mini hydro power development sector from its establishment. DCEME has a track record of pioneering multi faceted capacity building initiatives in hydropower development and got pre-qualification from Government of Nepal for installation / manufacture of Micro Hydro Projects. Company have lots of experience in the field of developing Micro/Mini hydro. It has been developing 35 Micro Hydro projects producing about 760 KW in different rural villages of Nepal. But From last 4-5years, Company has starting to develop Hydro power projects in his own management as well as manufacturing different Hydro Mechanical equipments aiming to upgrade his business. Those projects which is said to be developed under DCEME is in processing of PPA with NEA on Department of Electricity Development under Ministry of Energy.

## Vision

To be a recognized professional service provider engineering company in the field of manufacturing hydro mechanical equipments and other mechanical structures as well as consulting service for Hydro power developer.

## Mission

To meet customer satisfaction by delivering quality products and services in the field of Hydropower development.

## Objective

The main objective of the company is to Design, Manufacture & Installation of Hydro Mechanical equipments and other related mechanical structures by using highly skilled professionals experienced expertise and resources. Moreover, The objectives of the company is listed below:

- To carry out consulting service for the development of Hydropower.
- To carry out Engineering survey and design, Pre feasibility study, Detail feasibility study, of hydropower including construction supervision and implementation.
- To conduct different technical trainings aiming to produce technical manpower for the development of nation.

# COMPANY PROFILE

## General Information

Name of the Company : Dhaulagiri Civil Electrical Mechanical Engineering Pvt. Ltd.  
Year of Establishment : 2053/08/21/6 B.S.  
Company Registration No : 5877/053/054  
Head office address : Baglung Municipality – 11, Shreenagar chowk, Baglung  
Postal address : Baglung Municipality – 11, Shreenagar chowk, Baglung  
Telephone : 977-68-522705,520221,522844  
Fax : 977-68-522844  
Branch office address : Kathmandu Metropolitan – 1, New Baneshwor, Kathmandu  
Telephone : 977-01-474681  
Email : [dcem@mail.com](mailto:dcem@mail.com)  
Website : [dceme.com.np](http://dceme.com.np)

## Share Holders

1. Bal Bahadur K.C.
2. Ramesh Kumar Sapkota
3. Hari Narayan Gautam
4. Janak Poudel
5. Chudamani Gautam
6. Yam Prasad Gautam
7. Hari Prasad Sharma
8. Lekh Bahadur Khadka
9. Dev Bahadur Khadka
10. Man Bahadur Shrees
11. Bal Krishna Acharya
12. Kiran Gautam

# COMPANY PROFILE

## Bankers:

Clean Energy Development Bank Limited, Sitapaila, Kathmandu

Himalayan Bank Limited, Baglung

## Financial Structure:

- a) Authorized Capital - NRs. 32,700,000.00
- b) Paidup Capital - NRs. 22,700,000.00

Description	FY 2066/67	FY 2067/68	FY 2068/69	FY 2069/70
Turn Over (NRs.)	6,332,171.00	16,137,148.00	22,220,051.00	9,261,224.00

## Nature of Business:

### A. Manufacturing, Fabrication and Erection:

- Hydro-mechanical equipment:

Water Turbines, Penstock pipes, Expansion joints, Gates, Trashracks, Steel poles, and other Mechanical Structures

- Power system:

Electrical control panels and circuits for Micro Hydro

- Repair and Maintenance:

Turbine, Generator, Control panels used in MHP and other Hydro Mechanical Equipments used in Hydropower

### B. Engineering Consultancy Service:

- Engineering Survey and Design of Hydropower projects.

## COMPANY PROFILE

- Construction and Installation supervision.
- Conduction of Technical Training & workshops.

### Technical and Managerial Capacity of the Company

S.N.	Name	Designation	Experience	Responsibility
A.	Management Team			
1.	Bal Bahadur K.C.	Chairman/MHP Expert	20 years	Overall planning and Management
2.	Ramesh Kumar Sapkota	Member	22 years	Responsible for Project Management and Planning
3.	Harinarayan Gautam	Secretary	10 years	Responsible for monitoring and formulation of planning
4.	Janak Raj Poudel	Treasure	10 years	Responsible for office and administration management
5.	Lekha Bahadur Khadka	Member	12 years	Responsible for market research and sales
6.	Dev Bahadur Khadka	Member	9 years	Responsible for market research and sales
B.	Technical Team			
1.	Man Bahadur Shrees	HydroMechanical Expert	15 years	Responsible for Supervision, Inspection, and Quality check of all H/M components
2.	Dil Bahadur Thapa	Civil Engineer	5 Years	Design and Supervision
3.	Manoj Baral	Geotechnician	2 Years	Design and Supervision

## COMPANY PROFILE

4.	Rajendra Khanal	Civil Engineer	3 years	Design and Supervision
5.	Mahesh Thapa	Mechanical Engineer	2 years	Design and Supervision
6.	Asim Dutta Panta	Eelctrical Overseer	4 Years	Installation and Supervision
7.	Rajan Karki	Supervisor	6 years	Supervision and Inspection
8.	Suryalal B.C.	Site Incharge	6 years	Site supervision and Installation
9.	Chham Bahadur Thapa	Site Incharge	6 years	Site Supervision and Installation
10.	Min Bahadur B.K.	Senior Mechanical Assembler	10 years	Assemble of Turbine and Other H/M equipments
11.	Kul Bahadur Pun	Fabricator	6 years	Welding, Fabrication & Machine operator
12.	Umesh Thapa	Lathe operator	6 years	Operate the Machine
13.	Surendra Poudel	Lathe operator	6 years	Operate the Machine
14.	Prem Thapa	Machine operator	4 years	Operate the Machine
15.	Purna Bahadur B.K.	Welder	7 years	Welding and Fabrication
16.	Surya Pun	Welder	5 years	Welding and Fabrication
17.	Saroj Pun	Welder	2 years	Welding and Fabrication
18.	Biran Thapa	Fabricator	2 years	Welding, Fabrication & Machine operator

## COMPANY PROFILE

19.	Dinesh B.K.	Fabricator	2 years	Welding, Fabrication & Machine operator
20.	Tejendra Shrees	Electrician	2 years	Responsible for different Electrical works related to MHP
21.	Ganga Bahadur Thapa	Electrician	2 years	Responsible for different Electrical works related to MHP
C.	Administrative Staff			
1.	Bal Krishna Acharya	Administrator	20 years	General Administration management
2.	Prakash Thapa	Accountant	6 years	Maintain Account record
3.	Hemraj Panta	Storekeeper	13 years	Maintain Store record
4.	Sudarshan Thapa	Asst. Accountant	2 years	Assist to maintain account record
5.	Raju Chhetry	Asst. Administrator	2 years	Assist to maintain administration management

### List of Machines and Equipments

S.N.	Description	Qty	Condition	Remarks
A.	SAWS & CUTTING MACHINES			
1.	Cutting machines	2	Good	
2.	Manual Shearing machines	2	Good	
3.	Power Hacksaw	1	Good	
B.	DRILLING MACHINE			

## COMPANY PROFILE

1.	Hand drill	5	Good	
2.	Radial drilling Machine	2	Good	Capacity 40 mm
C.	WELDING MACHINES			
1.	Welding machines	7	Good	
2.	DC welding machine	2	Good	
D.	GRINDERS			
1.	Hand Grinder	10	Good	
2.	Table Grinder machine	2	Good	
E.	MACHINING UNIT			
1.	Lathe Machine 6.5ft	1	Good	
2.	Lathe Machine 8 ft	1	Good	
3.	Lathe Machine 12 ft	1	Good	
4.	Milling machines	1	Good	
5.	Shaping Machine	1	Good	
F.	GAS CUTTING EQUIPMENT			
1.	Gas cutting equipment	2	Good	
2.	Semi-automatic cutting machine-PUG cutting machine	1	Good	
3.	POWER BACKUP			
4.	Diesel Generator (45 KVA)	1	Good	
5.	Petrol Generator (700W)	1	Good	
G.	OTHER MECHANICAL MACHINE AND TOOLS			
1.	Rolling Machines	2	Good	Capacity 6 mm
2.	Compressors	2	Good	

## COMPANY PROFILE

3.	Chain Pulley block, 5 tons	3	Good	
4.	Hydraulic Jack	2	Good	
5.	Sheet folding machine	1	Good	
6.	Pipe cutting machine	1	Good	
7.	Mechanical Pulley Puller	2	Good	
8.	Hydraulic Pulley Puller	1	Good	
H.	MEASURING INSTRUMENTS			
1.	Abney level	2	Good	
2.	Theodolite	1	Good	
3.	Leveling machine	2	Good	
4.	Total Station	1	Good	
5.	GPS	1	Good	
6.	RMS meter	1	Good	
7.	Altimeter	2	Good	
8.	Ultrasonic meter	1	Good	
9.	Tachometer	2	Good	

### General Work Experience

#### A. Engineering Consultancy Service

S.N.	Description of Work	Location	Capacity (KW)	Client
1.	Detail Feasibility Study of Mopesh Khola MHP	Tara, Baglung	24	Mopesh Khola MHP User's Committee, Tara, Baglung
2.	Detail Feasibility Study of Madhya Daram Khola A SHEP	Amarvumi, Hila, Argal, VDC of Baglung district	3400	Dhaulagiri CEM Engineering Pvt. Ltd. Baglung
3.	Detail Feasibility Study of Madhya Daram Khola B SHEP	Hila, Amarvumi and Harichour	4500	Dhaulagiri CEM Engineering Pvt. Ltd. Baglung



# COMPANY PROFILE

		VDC            of Baglung district		
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## COMPANY PROFILE

### B. Supply, Construction, Supervision & Installation (with Manufacturing and Fabrication of Hydro Mechanical Equipments) of MHP

S.N	Name of the Projects/ Name of the Customer	Location	Insatllled Capacity (KW)	Type of Turbine	Type of Generator	Year of Installation	Isolated/ Grid Connected
1	Kalung Khola MHP	Rangkhani, Baglung	21			2062	Isolated
2	Khantaram Khola MHP	Amarbhumi-2, Baglung	7	Cross Flow, T-12	KEL-Brushless, 3 Phase	2063	Isolated
3	Aru Khola MHP	Amarbhumi-5, Baglung	13	Cross Flow, T-12	KEL-Brushless, 3 Phase	2063	Isolated
4	Kaule Khola MHP	Dudilabhati, Baglung	9	Pelton, Double Jet	KEL-Brushless, 3 Phase	2064	Isolated
5	Gedi Khola MHP	Huwash-5, Parbat	12	Pelton, Double Jet	KEL-Brushless, 3 Phase	2064	Isolated
6	Dhuwako Khola MHP	Bhorle, Parbat	16	Cross Flow, T-12	KEL-Brushless, 3 Phase	2064	Isolated
7	Mewa Khola MHP	Falaicha, Panchthar	45	Cross Flow, T-12	KEL-Brushless, 3 Phase	2064	Isolated
8	Naulisne Khola MHP	Bima, Myagdi	9	Cross Flow, T-12	KEL-Brushless, 3 Phase	2065	Isolated
9	Gauda Khola MHP	Devisthan, Myagdi	16	Cross Flow, T-12	KEL-Brushless, 3 Phase	2065	Isolated
10	Ruma Khola MHP	Niskot-3, Myagdi	51	Cross Flow, T-12	KEL-Brushless, 3 Phase	2065	Isolated
11	Gadseri Gadh MHP	Gadsera-1, Doti	35	Pelton, Double Jet	KEL-Brushless, 3 Phase	2065	Isolated
12	Koya Khola MHP	Sakrantibazar, Terhathum	63	Pelton, Double Jet	KEL-Brushless, 3 Phase	2066	Isolated
13	Grindi Khola MHP	Shisakhani, Baglung	50	Cross Flow, T-12	KEL-Brushless, 3 Phase	2066	Isolated

## COMPANY PROFILE

14	Deumai Khola MHP	Tamaphok, Sankhuwashawa	14	Pelton, Single Jet	KEL-Brushless, 3 Phase	2066	Isolated
15	Bhuji Khola (VI) MHP	Burtibang, Baglung	23	Cross Flow, T-15	KEL-Brushless, 3 Phase	2067	Isolated
16	Thulo sim Ghatte Khola MHP	Lamidanda, Dolakha	21	Pelton, Single Jet	KEL-Brushless, 3 Phase	2067	Isolated
17	Bans Khola MHP	Devisthan, Myagdi	18	Pelton, Single Jet	KEL-Brushless, 3 Phase	2067	Isolated
18	Urja Khola (IV) MHP	Sarkuwa, Baglung	14	Cross Flow, T-15	KEL-Brushless, 3 Phase	2068	Isolated
19	Saune Khla MHP	Righa, Baglung	50	Cross Flow, T-15	KEL-Brushless, 3 Phase	2068	Isolated
20	Kasha Gadh MHP	Risi Daha, Achham	92	Cross Flow, T-15	KEL-Brushless, 3 Phase	2068	Isolated
21	Poku Dovan MHP	Bijulikot, Ramechhap	45	Cross Flow, T-15	KEL-Brushless, 3 Phase	2069	Isolated
22	Dhade Khola MHP	Bilandu, Okhaldunga	12.5	Pelton, Single Jet	KEL-Brushless, 3 Phase	2069	Isolated
23	Gadseri Gadh (II) MHP	Gadsera, Doti	21	Cross Flow, T-12	KEL-Brushless, 3 Phase	2069	Isolated
24	Mopesh Khola MHP	Tara, Baglung	24	Cross Flow, T-12	KEL-Brushless, 3 Phase	2070	Isolated
25	Chakadi Khola PHP	Amarbhumi-1, Baglung	3	Pelton, Single Jet	Induction Generator,Single Phase	2063	Isolated
26	Bukeni Khola PHP	Barangja-8, Myagdi	3	Pelton, Single Jet	Induction Generator,Single Phase	2063	Isolated
27	Upallo Bukeni Khola PHP	Barangja-8, Myagdi	3	Pelton, Single Jet	Induction Generator,Single Phase	2064	Isolated
28	Jana Ekata PHP	Arman-9, Myagdi	3	Pelton, Single Jet	Induction Generator,Single Phase	2065	Isolated
29	Thulo Khola Tusarne PHP	Darbang-4, Myagdi	3	Pelton, Single Jet	Induction Generator,Single Phase	2066	Isolated

## COMPANY PROFILE

30	Okherbot Khola PHP	Thumi-9, Gorkha	3	Pelton, Single Jet	Induction Generator, Single Phase	2068	Isolated
31	Lundo Khola PHP	Thumi-9, Gorkha	3	Pelton, Single Jet	Induction Generator, Single Phase	2068	Isolated
32	Thulo Khola Tusarne II PHP	Kunhu, Myagdi	3.5	Pelton, Single Jet	Induction Generator, Single Phase	2069	Isolated
33	Luliya Khola PHP	Darbang, Myagdi	3	Pelton, Single Jet	Induction Generator, Single Phase	2069	Isolated
34	Jakus Khola PHP	Lulang-4, Myagdi	3	Pelton, Single Jet	Induction Generator, Single Phase	2069	Isolated

### C. Civil Construction Supervision

S.N.	Description of Work	Client	Remarks
1	Construction Supervision of all Civil Structures (Intake, Headrace Canal, Settling Basin, Forebay) of Tara Khola Community Mini Hydro Power Project (500 KW), Tara, Baglung	Tara Khola Community Mini Hydro Project User's Committee, Tara, Baglung	

### Project in Hand

S.N.	Description of Work	Progress	Client	Supporting Organization
1	Supply, Construction/Erection, Supervision & Installation of Pipaltar Khani Khola MHP (10 KW), Tokarpur, Ramechhap	70 %	Pipaltar Khani Khola MHP User's Committee, Tokarpur, Ramechhap	REMREC, AEPC

## COMPANY PROFILE

3	Supply, Construction/Erection, Supervision & Installation of Lasku II Khola MHP (55 KW), Chhapari, Darchula	5%	Lasku II MHP User's Committee, Chhapari, Darchula	RDSC, AEPC
2	Detail Feasibility Study of Lower Tara Khoa SHEP (2900 KW)	40 %	Pahadi Hydro Power Pvt. Ltd.	-

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# COMPANY PROFILE

## List of Photographs



Cross Flow Turbine inside the workshop store house

Expansion joint





Runner of Pelton Turbine – 63 KW



Installation of Cross flow Turbine at site – 92 KW, Achham

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Inside view of MH powerhouse



Penstock Alignment and Power house



## COMPANY PROFILE



Headrace Canal



Forebay Tank of MHP



Intake Structure of Tara Khola Community Mini HEP (500 KW), Tara Baglung

## COMPANY PROFILE



Settling Basin and Headrace Canal of Tara Khola Community Mini HEP (500 KW)



Forebay Tank of Tara Khola community Mini HEP (500 KW), Tara, Baglung

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Penstock pipes ready for transport

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