

Emergency Preparedness and Response Plan for COVID-19 for PHPA-II

With fast spreading of Corona Virus around the world and declaration of COVID-19 as Pandemic by WHO, this Standard Operating Process (SOP) is prepared to control and prevent spread of Corona Virus to the Project employees and their family members to the extent possible should there be a similar situation striking Bhutan. The Action Plan is put in place to supplement the National and Wangdue Dzognkhag Incident Management Systems. The SOP shall focus on the Corona virus prevention through awareness, inspection, surveillance, monitoring and reporting by the identified officers who shall play vital role for the Puntatshangchhu-II Hydroelectric Project.

1. Project Information

The manpower/workforce of Punatshangchhu-II Hydroelectric Project Authority and its Contractors is as shown in the Table below:

Description	Manpower Strength		
	National	Non-National	Total
PHPA-II Employees	860	27	887
M/s Jaiprakash Associates Ltd.	126	3116	3242
M/s Gammon India Limited	16	224	240
M/s Bharat Heavy Electricals Ltd.	5	46	51
WAPCOS	18	31	49
AIMIL	-	10	10
Interger Engineering Services Pvt. Ltd.	-	1	1
Samphel Dhendup Construction	-	6	6
K. Ngawang Pvt. Ltd.	-	12	12
Total Manpower	1025	3,477	4,498

Manpower details of Punatshangchhu-II Hydroelectric Project Authority

Description	Indian	Bhutanese	Total
Deputation/Secondment	11	14	25
Contract	16	846	862
Total	27	859	887

2. Logistic for Quarantine and Health Facilities

PHPA-II has a BHU established by Ministry of Health and located at Kamechhu which caters to the Project and the nearby communities. The center is manned by a HA, Clinical Officer (CMO) and Pharmacy Technician.

I. Available Health Facilities

- a) BHU, Kamechhu
 - BHU is managed by 2 HAs, Clinical Officer and Support Health Staff.
 - Ambulance stationed at BHU, Kamechhu.

b) **M/s Jaiprakash Associates Limited**

- 1 Hospital at Baychhu (Dam Colony) managed by 1 Doctor and 4 Health Staff.
- 1 Clinic at Methang (Powerhouse Colony) managed by 1 Compounder.
- 2 Ambulances (stationed at Baychhu & Methang)

c) **M/s Gammon India Limited**

- 1 Dispensary at Baychhu-below Adit 1 of HRT managed by Health Staff. Presently, the Health Staff is on leave and unable to return due to entry restrictions.
- 2 Ambulances (stationed at Baychhu)

II. Place/Location of Quarantine for suspected cases

Available (ready for use)

- BHU, Kamechhu - 4 rooms (2 with Toilet & 2 without Toilet)
- Dema Basti (GIL)- 7 rooms (4 with attached Toilet & 3 with common Toilet)
- JAL - 4 rooms (All attached Toilet)

Identified incase of additional requirement

- Fire Station at Pheteykha - 6 rooms (3 with Toilet & 3 without toilet)

3. Awareness, Education and Precautions

a) **After outbreak of COVID-19, awareness carried out**

- First round of awareness program on hand hygiene and related directives on COVID-19 outbreak conducted by Clinical Officer & Health Assistant of BHU Kamechhu with the assistance of OC, Zawakha complete 7th February, 2020.

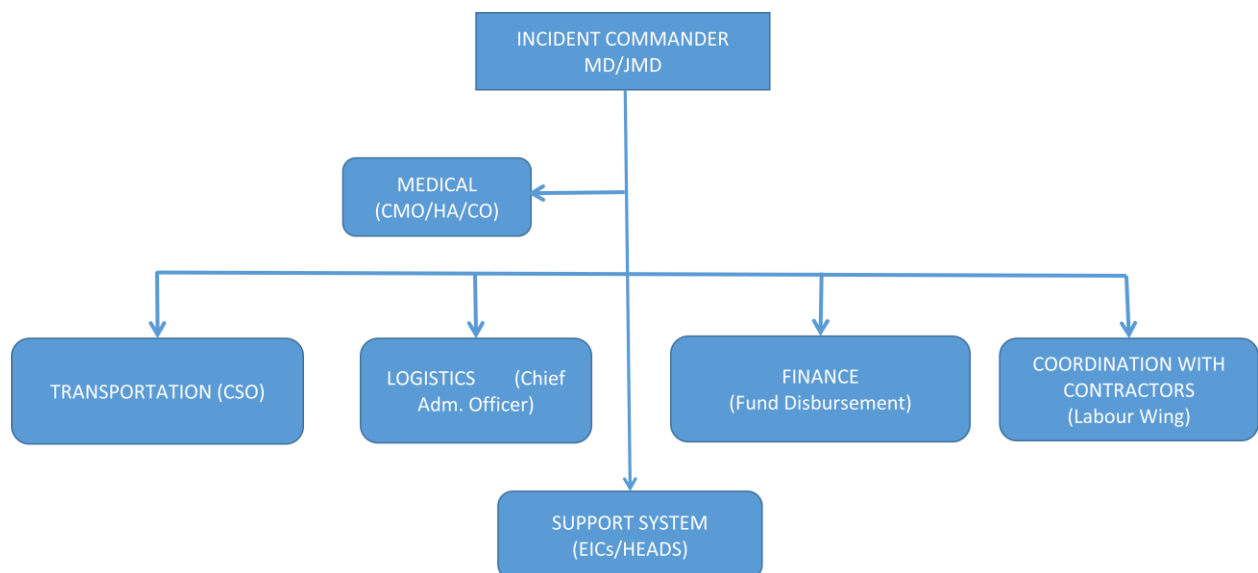
b) **After Notification of Director, DHPS & Executive Order from RGOB**

- Notification on the awareness of COVID-19 served by Personnel Wing to all the employees of PHPA-II. Standard Operating Procedure(SOP) developed and implemented for control and prevention of Corona virus in various PHPA-II project sites. SOP made available with Focal Persons-OC, Zawa, RBP, JAL, GIL, BHEL, SLO, HA & CO at Kamechhu BHU & respective EICs/Heads.
- Awareness program on hand hygiene and related directives on COVID-19 carried out by Administration & Labour Wing at different project locations (Taksha L&T & others, Dam Top, Dam Pit & Chamber, HRT, Adit I & II, Auto Workshop, Crushing plant, Batching Plant, BVC/PH, Ferrule/Fabrication Workshop, Pothead Yard & DSSG)
- Hand sanitizer distributed to PHPA-II employees.
- Notification on the need for strict hand hygiene served jointly by Administration and Personnel Wing
- 2nd round of awareness program on hand hygiene and related directives on COVID19 conducted on 16th & 17th March 2020.

- 3rd round of awareness program on hand hygiene and related directives on COVID19 in PPHA-II Offices commenced from 18th March, 2020.
- Notification for restriction on travel of employees to outside of Bhutan.
- Notification for restriction on movement of vehicles to the project boundary (Wangdue & Punakha).
- Contractors based on awareness program have also increased hand washing points with soap & running water at various locations.
- Entry of Laborers from Border (Phuntsholing/Gelephu) restricted since 6th March 2020 and completely closed with effect from 16th March 2020.
- Labour Division of PPHA-II shall continue to collect, check and verify any new laborers or work force brought by the contractors at site and maintained the record.
- More than 1200 laborers/foreign workers on leave who are not allowed to enter into Bhutan.

4. Project Incident Command System

The Project Incident Command System developed as similar to Disaster Management System and responsibilities are as entrusted as per indicated below for compliance of all concerned.



5. Detection of suspect and Quarantine

A separate Flu screening clinic at BHU, Kamechhu was set up as under:

a) Separate Flu screening clinic at BHU, Kamechhu:

- ✓ Started from 13th March 2020.
- ✓ Established separate Flu Clinic from 16th March 2020.

b) Any suspected case(s) at worksite/Office shall be notified/reported directly to:

1. Mr. Kencho Wangdi, HA, BHU, Kamechhu (Focal person of MoH, RGOB) – 17126190/17616988)
2. Mr. Sonam Jamtsho, Clinical Officer, BHU, Kamechhu (17668059)
3. Dr. Deepak Tamang, M/s Jaiprakash Associates Limited (77641864/17917536)
4. Mr. Pema Wangchuk Sherpa, Senior Labour Officer (17645603)

6. Construction Materials Required for the Project

The materials required for continuity of works are as provided below:

- Cement - Being purchased from DCCL & PCAL
- Steel - Pasakha Steel Factory & India. Structural steel coming from India, Contractors are working out the requirement and making necessary arrangement. However, with reduced quantity of supply, the stock piling for future requirement is becoming a challenge.
- POL
- ✓ Capacity of POL storage with Contractors – 126kl (80 kl + 36 kl + 20 kl)
- ✓ Average consumption per month of project = 325kl (PHPA-II=55kl, JAL=250kl, GIL=12kl, Others=8kl)
- ✓ POL requirement of Project communicated to BOD as per their inquiry.

7. Food Supplies required for the Employees and Contractors

- Dzongkhag Administration, Wangdue advised to avoid bulk stock as the supplies are taken care by FCB incase of emergency situation.
- Contractors are also advised to make their own contingency preparations for the worse case scenario.

8. Emergency Contacts

a)	COVID National Helpline	2121
b)	Wangdue Dzongkhag Incident Control Room	17257770
c)	Primary Health Care Center, Bjimthankha	17660702/17837854
d)	HA/Clinical Officer, BHU, Kamechhu	17126190/17668059
e)	Managing Director, PHPA-II	17129330
f)	Joint Managing Director, PHPA-II	17114660
g)	For COVID-19 related information, please visit:	www.health.gov.bt

Contact details of identified Officers of PHPA-II and Contractors

Sl.#	Name	Designation	Agency	Contact No.
1	Mr. Chundi Dorji	Chief (Adm.)	PHPA-II	17645259
2	Mr. Dorji P.	Sr. Personnel Officer	-do-	17111604
3	Mr. Gyembo	Chief Finance Officer	-do-	17621922
4	Mr. Rinzin Gyeltshen	EIC, EMC	-do-	17996440
5	Mr. Gorab Dorji	EIC, PHC	-do-	17606755
6	Mr. Sonam Tobgay	EIC, PHC/HRT	-do-	17608479
7	Mr. Kinley Namgay	CSO	-do-	17172574
8	Mr. Lakhmanan Kalamegam	Resident Geologist	-do-	17707169
9	Mr. Chenga Tshering	AEE, QC	-do-	17878388
10	Mr. Radha Krishnan	Sr. Manager (P&A)	JAL	17352473
11	Mr. Naresh Kumar	Admin. Asst.	GIL	77101218
12	Mr. Mani Kandan	Assistant Manager	BHEL/PES	17308941
13	Mr. Sonam Jamtsho	Clinical Officer	PHPA-II	17645603