

Comprehensive Preparedness and Response Plan for COVID-19 (PHPA-I)

March 16, 2020

In view of the emergent situation, this Plan of Action (PoA) or SOP is prepared to help keep the Project employees and their family members healthy, reduce exposures to COVID-19 and slow the spread of the virus if found prevalent, to the extent possible. There shall be a whole-of-Project effort to put in place a local & robust mechanism to supplement the National and Wangdue Dzongkhag incident management systems. This SOP shall mainly focus on the virus prevention through rigorous advocacy, inspection, surveillance, monitoring and reporting on daily basis by the task force (TF) members who shall play a pivotal role for the project.

1. Project Information

The Project's activities are spread over five Gewogs of Thoedtsho, Rubesa, Gase Tshogom, Gase Tshowom and Dagar.

The Table below shows the number of people living/working in the various places located under the five Gewogs:

| Sl. # | Agency | Place of Residence/Work | Population | | Total |
|---------------|---------------------------------|---|--------------|--------------|--------------|
| | | | Nationals | Expats | |
| 1 | PHPA-I & II | Bjimthangkha | 1,259 | 79 | 1,338 |
| 2 | WAPCOS | Bjimthangkha | 19 | 25 | 44 |
| 3 | L&T | Metsina, Hesothangkha, Lawakha & Taksha | 211 | 525 | 736 |
| 4 | HCC/Steel Works/Precision | Langletsawa, Ruchikha, Dhentri, Gaychuthang, Dungkar Bjag | 32 | 465 | 497 |
| 5 | BHEL/Fitwell/PowerMech/NK Engg. | Langletsawa, Khuma (Adit-1), Drema (Adit-2), Rurichhu, Basochhu | 50 | 155 | 205 |
| 6 | Hyosung | Drema (Adit-2) | 9 | 1 | 10 |
| 7 | T-Kunzom Cons. | Bjimthangkha | 10 | 8 | 18 |
| 8 | Tashi Thuendrel Lerig | Bjimthangkha | 5 | 4 | 9 |
| 9 | DK Cons. | Jatshokha | 8 | 16 | 24 |
| 10 | Bumzang Cons. | Basochhu Waterfall | 21 | - | 21 |
| 11 | B/kha Pry. School | Bjimthangkha | 361 | - | - |
| Total* | | | 1,624 | 1,278 | 2,902 |

*The total does not include students and teachers as most of them are counted under Sl. No. 1.

The PHPA-I has a Primary Health Center (PHC) established by Ministry of Health and located in Bjimthangkha which caters to the Project and the nearby communities. The Centre is manned by a Sr. Clinical Officer (SCO), a Health Assistant (HA) and a Pharmacy Technician.

On the Contractor's side, L&T has 2 full-fledged First Aid Centers equipped with 2 ambulance vehicles located at Dam site and Taksha which is manned by a Doctor and a helper. Likewise, HCC has established a Clinic with an ambulance vehicle at Dhentri (Power House area) manned by a Sr. HA.

2. Preparation and Response

The following shall constitute the preparation and response mechanism as part of the overall plan of action:

- i) Education/Communication, Awareness, Surveillance, Coordination, Monitoring & Reporting (EASCMR)
- ii) To avoid panic and confusion in the work place and instead remain alert and prepared
- iii) Thermal screening of employees/families and visitors at the main & workplace gates
- iv) Foster & implement hands washing with soap or sanitizing hands & work spaces
- v) Quarantine (during which use of Face masks will be mandatory & travel history and contact tracing will be ascertained)
- vi) Patient Referral in consultation with Dzongkhag ICS
- vii) Monitoring of Laborers coming to the Project site after their quarantine periods

3. Measures and Action Framework

| Sl. # | Measures/Actions | Lead Coordtr. | Collaboration | Remarks |
|-------|---|---------------------|---|--|
| 1 | - Education/Communication, Awareness, Surveillance & Coordination. - To avoid panic and confusion in the work place and instead remain alert and prepared. | CSO, PHPA-I | Dissemination through WhatsApp & WeChat messages to Safety Officers of respective Agencies. | Any incidences or suspected cases shall be immediately isolated by the respective Agencies and report to JMD for further reporting to Dzongkhag ICS. |
| 2 | Thermal screening of employees/families and visitors at the main & workplace gates. | CSO, PHPA-I | In collaboration with Safety/Labour Officers. | - 12 Thermal Scans (3 at Main gate & 2 at Lower gate in Bjimthangkha, 2 at PSC Bridge, 2 at L&T Dam site & 3 spares) to be procured by SE (Procurement). - In case of high temperatures & symptoms shown, the SCO & HA shall be promptly informed. |
| 3 | Foster hand washing with soap & sanitizing hand & work spaces. | Chief (P&A), PHPA-I | In consultation with SCO/HA/Medical Staff of respective Agencies. | - To provide hand washing facilities (water & soap) in the office & workplaces and sanitizing the meeting places. - 60L of sanitizer to be procured by SE (Proc.), Contractors to procure for their own workplaces. |
| 4 | Quarantine (During which face mask, travel history and contact tracing shall be implemented & ascertained). | Sr. LO, PHPA-I | In consultation with SCO/HA/Medical Staff of respective Agencies. | - 8 rooms in Executive Hostel by PHPA-I - 2 rooms each at Metsina & Lawakha by L&T - 1 room at HCC camp near Substation by Powerhouse & 3 rooms at Rurichhu camp by HCC - 2 rooms at Adit-2 & 4 rooms at Basochhu by BHEL. - 1 room at Dema (Adit-2) by Hyosung. |
| 5 | Patient Referral. | SCO, PHC | | Shall inform JMD and take concurrent actions. |
| 6 | Monitoring of Laborers coming to the Project site after their quarantine periods. | SCO, PHC | In cooperation with respective Agencies. | Shall follow the same SOP. |

4. Actions Taken

- ✓ Hand sanitizers distributed to all employees on 13.03.2020 as received from the Dzongkhag and sanitizers shall be placed at all the entrances of the offices/work places.
- ✓ A Project Level Group (PLG) has been constituted in the Project on 15.03.2020 with the Project Management and Heads of Project Contractors as focal officials.
- ✓ A Task Force (TF) has been constituted at the level of Chiefs and Safety Officers of the Contractors on 16.03.2020. This team shall carry out rigorous monitoring and surveillance activities with the support of Security personnel and De-Suups of PHPA-I. The list of members in PLG & TF is given in *Annexure*.
- ✓ Coordination initiated among Project employees and Contractors for proper communication and awareness.
- ✓ L&T and Hyosung have stocked up essential food items to last for 2 months. HCC and BHEL advised to action similarly.
- ✓ Contractors have advised their workmen on the Dos & Don'ts and make available Dettol hand washing soap & sanitizers along with face masks.

5. Ensuring smooth Project Progress

In order to minimize the impact of the situation to the Project activities, the Contractors (L&T and HCC) have been advised by the respective Engineer In-Charges (EICs) to ensure continuous availability of construction materials such as POL, cement & steel and labour to be locally arranged as per the recent directives of the Government to meet the labour shortfalls as a result of the ban on import of labour, so that the momentum in construction works are maintained and progress is not hampered during this period. Since the cement and steel are sourced from within the country, the Contractors are of the view that there won't be any supply disruptions, though they have stockpiled these materials to last for 15 days.

To this extent, the Contractors have also developed their own action plans to prevail over this ongoing contingency.

6. Effectiveness of this SOP

This SOP shall be effective from March 16, 2020 and in so doing, the Task Force Members have been advised to activate this plan of action as per the above responsibility matrix and keep the project level group well informed of the situations in the Project sites who can further intimate the Dzongkhag Incident Command System (ICS), as found emergent. The SOP shall be effective and operational until further orders from MoEA/Dzongkhag ICS.

7. Follow-up/Monitoring, Review & Reporting

The PLG and TF shall review the implementation of various preventive measures at the respective work places and report on the status and effectiveness of the measures so proposed through use of reporting frameworks. The TF shall ensure implementation of temperature screening, mandatory hand washing and submit daily reports and recommendations on improvements to the PLG through WhatsApp messages/photos/scenes and in writing as deemed necessary.

Mass communication shall be the main mode of advocacy which shall be a daily routine to be reminded by the Lead Coordinators. The project medical specialist shall assist in formulation

and dissemination of relevant messages to the TF who shall convey the same to the safety officers and who in turn will convey and ensure implementation on the ground. The TF shall also review the Contractor's PoA and suggest measures to make them effective through proper feedbacks and which shall be promptly implemented by the Contractors, to the extent possible.

A review meeting shall be taken by PLG/JMD every three days with the TF members.

8. Emergency Contacts:

| | | |
|----|---|--|
| a) | COVID-19 National Helpline | 2121 |
| b) | Wangdue Dzongkhag Incident Control System | 17257770 |
| c) | Primary Health Center, Bjimthangkha | 17660702 / 17837854 |
| d) | Medical Specialist, PHPA-I, Jatshokha Hospital | 17604047 |
| e) | Managing Director, PHPA-I | 17101161 |
| f) | Joint Managing Director, PHPA-I | 17775454 |
| g) | For COVID-19 related information, please visit: | www.health.gov.bt |

“PREVENTION IS BETTER THAN CURE”

Annexure

List of members under Project Level Group (PLG)

| Sl. # | Name | Designation | Agency | Contact No. |
|--------------|--------------------|------------------------|---------------|--------------------|
| 1 | Mr. N.C. Bansal | MD | PHPA-I | 17101161 |
| 2 | Mr. Karma Tshewang | JMD | -do- | 17775454 |
| 3 | Mr. P.K. Mallick | Director (Finance) | -do- | 17112104 |
| 4 | Mr. R.P. Sharma | Director (Technical) | -do- | 77120051 |
| 5 | Dr. Tashi Wangdi | Med. Specialist | -do- | 17604047 |
| 6 | Mr. Arvind Kumar | Chief Project Director | WAPCOS | 77775361 |
| 7 | Mr. N.K. Singh | Project Director | L&T | 77109493 |
| 8 | Mr. Sajith Kumar | Project Manager | HCC | 77102255 |
| 9 | Mr. Token Ori | Construction Manager | BHEL | 77107406 |

List of members under Task Force

| Sl. # | Name | Designation | Agency | Contact No. |
|--------------|----------------------|--------------------------|---------------|--------------------|
| 1 | Mr. Wangchuk Hexzo | Chief Security Officer | PHPA-I | 17116039 |
| 2 | Mr. J.S. Bajwa | Chief Engineer (Dam) | -do- | 17615998 |
| 3 | Mr. Arvind Sthapak | Chief Research Officer | -do- | 16917284 |
| 4 | Mr. Tandin Wangdi | Chief (P&A) | -do- | 17646767 |
| 5 | Mr. Cheni Dorji | SE (Generation) | -do- | 17163929 |
| 6 | Mr. Kuenga Gyeltshen | SE (Power House) | -do- | 17605380 |
| 7 | Mr. Pemba Dukpa | SE (Infrastructure) | -do- | 17832188 |
| 8 | Mr. G.K. Chhophel | Chief Env't. Officer | -do- | 17127218 |
| 9 | Ms. Pema Wangmo | Senior Personnel Officer | -do- | 17611272 |
| 10 | Mr. Ajay Awasthi | SE (Procurement) | -do- | 17370108 |
| 11 | Mr. Aridhan Maity | Safety Officer | L&T | 77103122 |
| 12 | Mr. Ved Prakash | Safety Officer | HCC | 77106531 |
| 13 | Mr. Palash Bishwas | Safety Officer | BHEL | 77107328 |
| 14 | Mr. Nima Wangdi | Sr. Clinical Officer | PHC | 17660702 |