



## CONTENT

- News In Brief **2**
- Civil Service Award **6**
- New Appointee **7**
- CDB Farewell **8**
- Statistics of CDB **9**
- CDB Services **10**
- Notification/Circular **11**

## Up-coming Events 2022

- » Basic Training in e-GP, CMS, OHS & CDB Refresher Course for unemployed graduate engineers (civil & electrical)
- » Formulation of Construction Quality Compliance Framework
- » Renewal of MoU with Construction Institute of Thailand
- » Renewal of MoU with RAA & ACC
- » 77<sup>th</sup> Board meeting of CDB



## CDB welcomes new board member



During 75<sup>th</sup> CDB Board meeting held on 19<sup>th</sup> August 2021, Hon'ble Chairperson extended heartiest welcome to the new board member Mr. Lham Dorji, Director, Department of Labour, MOLHR [Back row: L-R: First]



## News in Brief



### e-GP training conducted by GPPMD for all the staff of CDB

GPPMD, Department of National Properties conducted e-GP training for the incumbents of the CDB from 5<sup>th</sup> July 2021 to 7<sup>th</sup> July 2021, which is anticipated to enhance the procurement process through the use of e-GP system and empowering all the trained officials as focal person in carrying out any procurement task assigned.

### Building Information Modeling (BIM) training to construction professionals in collaboration with Construction Institute of Thailand (CIT) & Engineering Institute of Thailand (EIT)

Since the signing of MoU with CIT, Thailand and as a part of institutional linkage activity, the introductory seminars on Building Information Modeling (BIM) have been facilitated by them and to this effect, 102 professionals which includes the CDB engineers, contractors, specialized firms and consultants have been trained in two batches.

### Training for Safety Officer in collaboration with CAB and with representation from MoLHR, MoWHS and CDB in two batches

Facilitated 2 batches of Safety Officer training for Large and Medium Class contractors in collaboration with CAB and with representation from MoLHR, MoWHS and CDB.



## Construction Safety Supervisor Training Course Outline

Occupational health and safety is defined by the International Labour Organization as “the promotion and maintenance of highest degree of physical, social and mental well-being of workers in all occupations”. It has been globally understood that workplace safety culture plays a pivotal role in worker efficiency.

In light of circumstances stated above, the Construction Development Board (CDB) in collaboration with the Department of Labour, MoLHR, the Construction Association of Bhutan (CAB) and Japan International Cooperation Agency (JICA) drafted the Construction Safety Supervisor Training Course Outline from 27<sup>th</sup> Sept. to 2<sup>nd</sup> Oct 2021. The safety training will aim to raise awareness about the existing legislations related to OHS in the country, introduce the concept of OHS and skill the trainees with basic knowledge pertinent in maintaining OHS at the construction site.



**Refresher course** for contractors conducted virtually from 12<sup>th</sup> July – 20<sup>th</sup> July [**2 batches**], 20<sup>th</sup> – 22<sup>nd</sup> Sept [**1 Batch**], 20<sup>th</sup> Oct – 26<sup>th</sup> Oct [**2 Batches**], 13<sup>th</sup> Dec – 24<sup>th</sup> Dec [**2 Batches**]. The objective of the program is to enhance professionalism in Construction Industry and it is also **pegged with renewal of CDB Registration Certificate**.

**Induction course** for aspiring contractors conducted from 23<sup>rd</sup> August – 8<sup>th</sup> September [**1401 registered – 13 Batches**] & 27<sup>th</sup> Dec – 30<sup>th</sup> Dec. [**534 registered- 4 Batches**] - virtually. The objective of the program is to familiarize and introduce new contractors to construction industry.

### Construction Quality Compliance Mechanism (CQCM) project (World Bank)

To augment the quality issues in the construction industry, CDB under CQCM project formulated publication of Construction Industry Quality Gap Analysis & Recommendations which will be instrumental in drafting CQCM framework.

### Integration of e-TOOL and e-GP: Phase II

To avoid duplication of work and data redundancy, the e-TOOL and e-GP are further integrated, where the evaluation criteria and bidder's details are automatically pulled to e-TOOL from e-GP, the task of integration was carried out through the funding from GPPMD, Department of National Properties, Ministry of Finance.

### Launched of e-Registration Certificate for all CDB services w.e.f. 11<sup>th</sup> November 2021

CDB launched the revised e-Certificate for registered firms and individuals coinciding with the 66<sup>th</sup> Birth Anniversary of 4<sup>th</sup> Druk Gyalpo. The revised e-certificate contains more information related to the firms or individuals.

### Coursera Course

To enhance professionalism and to develop an efficient and quality-based construction industry CDB purchased 24 licenses from Coursera Team on Building Information Modeling (BIM). The course was offered to engineer, architects, designers, urban planners. The coursera is an online learning platform and most of the courses are available with a pre-recorded lecturers and experts from leading universities and companies.

#### Courses Offered:

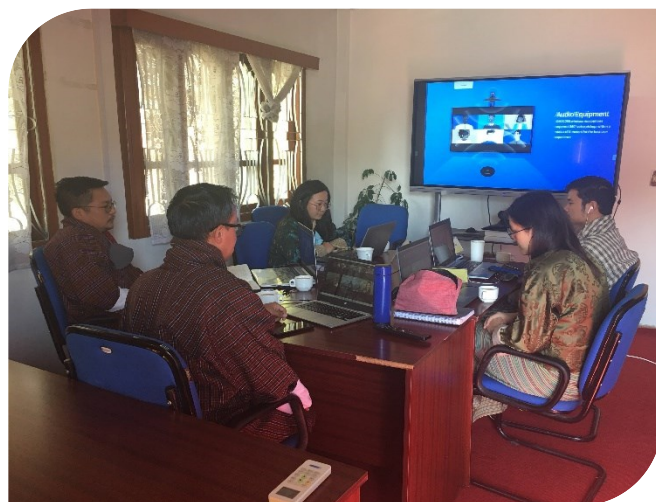
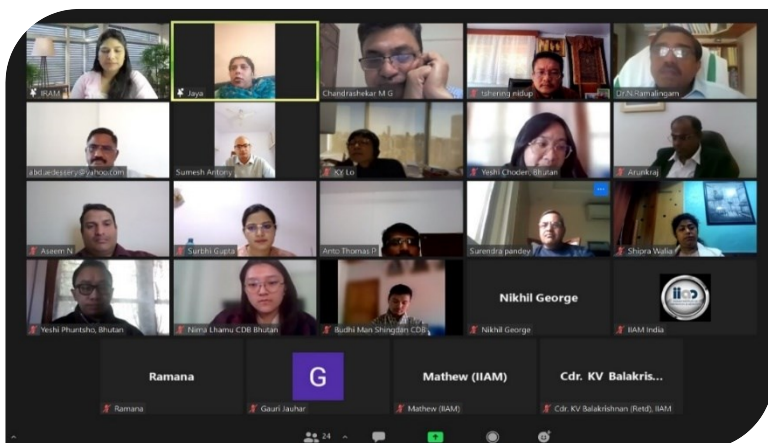
1. BIM Fundamentals for Engineers by National Taiwan University.
2. BIM: from sketch to digital twin by Peter the Great St. Petersburg Polytechnic University.
3. BIM Application for Engineers by National Taiwan University.
4. Autodesk Certified Professional: Revit for Architectural Design Exam Prep by Autodesk
5. Autodesk Certified Professional: Revit for Structural Design Exam Prep by Autodesk.



## PROFESSIONAL CERTIFICATE IN COMMERCIAL ARBITRATION

Indian Institute of Arbitration & Mediation (IIAM) conducted an online arbitration training program for 4 days, commencing from 8<sup>th</sup> December to 12<sup>th</sup> December. The program is primarily aimed at creating professionals both as arbitrators and arbitration consultants. Following officials attended the training:

**Yeshe Phuntsho, Yeshe Choden, Budhi Man Shingdan, Nima Lhamu & Tshering Nidup**



The 4-days programme is summarized below. The facilitators provided detailed explanations citing examples.

Day 1:

### **ADR & Arbitrability**

Tutor: Anil Xavier

### **Arbitration in India**

Tutor: George Poothicote

### **Role Play**

Tutor: Iram Majid / Anil Xavier

### **Arbitration Agreement under A&C Act & Scope of Arbitration Clause**

Tutor: Iram Majid

Day 2:

### **Commencement of Arbitration and Constitution of Arbitral Tribunal**

Tutor: George Poothicote

### **Procedure of Arbitration**

Tutor: Anil Xavier

### **Role Play**

Tutor: Iram Majid / Anil Xavier

### **Powers & Jurisdiction of Arbitral Tribunal**

Tutor: Iram Majid

Day 3:

### **Court's Role in Arbitration**

Tutor: Anil Xavier

### **International Arbitration**

Tutor: Iram Majid

### **Ad-Hoc & Institutional Arbitration**

Tutor: George Poothicote

### **Writing of Arbitral Award & Roleplay**

Tutor: Anil Xavier / Iram Majid

Day 4:

### **Review of Awards (Role Play)**

Tutor: Iram Majid / Anil Xavier

### **Arbitration under IIAM & APCAM Arbitration Rules**

Tutor: Anil Xavier

### **Arbitration Practice & APCAM Accreditation**

Tutor: Iram Majid

### **Guideline for Arbitrators**

Tutor: Anil Xavier / George Poothicote / Iram Majid

## Civil Service Award 2021



The Civil Service Medal Award ceremony was held in the CDB Conference Hall on 15<sup>th</sup> December 2021. Followed by offering of butter lamps and recitation of Zhabten of His Majesty The King. The Director awarded Medals (gold, silver & bronze), Certificate for **Outstanding** employee & khadars to **Very Good** employees for FY 2020-2021, to the officials who got promoted & new appointee.

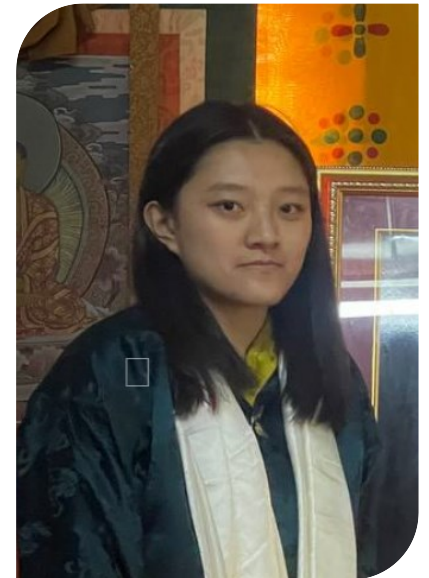
Following are the recipients of Award:

1. Gold Medal for 30 years of dedicated service:  
**Mr. Karma Sonam, Director**
2. Silver Medal for 20 years of dedicated service:  
**Gyelmo, LB Bhujel & Samten Pemo**
3. Bronze Medal for 10 years of dedicated service:  
**Khandu Wangmo**
4. Outstanding Performance for FY 2020-2021:  
**Tshering Nidup**
5. Very Good Performance for FY 2020-2021:  
**Yeshi Phuntsho, Yeshi Choden & Budhi Man Shingdan**
6. Promotion:  
**Dechen Choden, Tshering Yangki & Ambar Mongar**
7. New appointee:  
**Kinley Tshering**





## Appointment of New Engineers



» L-R: Ram Bdr khatiwara & Sonam Dorji - new recruits

» Nima Lhamu – RCSC appointee



» Karma Phuntsho, Jr. Engineer was appointed based on the open competition (lateral transfer). Prior to his appointment, he was serving as an Asst. Instructor II at Dekiling TTI, Sarpang under Department of Technical Education, Ministry of Labour & Human Resources.

» Kinley Tshering was selected as a contract driver based on the interview held on December 2, 2021.



## CDB bids Farewell



CDB bid farewell to Mr. Lhabula, Sr. HRO on his voluntary resignation from Civil Service. Director presented a token of appreciation for his dedicated service to the CDB for 2 years.

The CDB family wishes him success in his future endeavors.

CDB bid farewell to Mr. Sonam Zangpo, Driver on his voluntary resignation from Civil Service. Director presented a token of appreciation for his dedicated service to the CDB for the last 4 years.

The CDB family wishes him success in his future endeavors.





## Statistics of CDB Services

### Revenue Collection

July -	Nu. 821,900.00
Aug -	Nu. 11, 58, 000.00
Sept -	Nu. 28, 29,500.00
Oct -	Nu. 18, 21,800.00
Nov -	Nu. 17, 34,500.00
Dec -	Nu. 15, 25,400.00
Total:	Nu. 98, 91,100.00

**Total Bhutanese Construction firms  
(Large/Medium/small) incorporated as companies**

**173**

**Bhutanese Construction firms – Large Class**

**163**

**Bhutanese Construction firms – Medium Class**

**296**

**Bhutanese Construction firms – Small Class**

**2124**

## De-Registered Construction Firms

July - **14**

August - **22**

September - **21**

October - **13**

November - **20**

**Specialized Firms**

**46**

**Architects**

**288**

**Consultants Firms**

**94**

**Engineers**

**457**

**Specialized Trade**

**417**

**Non- Bhutanese Construction firms**

**11**

Note: the above data are as of 24 Dec.

## Consultancy Firms

### Minimum mandatory Human Resources required

#### Architectural Services

Description	A1	A2	A3
Architect (Degree & above)	1*	1*	1*
<b>Total</b>	<b>1</b>	<b>1</b>	<b>1</b>

#### Civil Engineering Services

Description	C1	C2	C3	C4	C5	C6	C7
Degree Engineer (Civil)	1*	-	-	1*	-	-	1
Degree Engineer (Geo Tech)	-	1	-	-	-	-	-
Degree (SS/Env.)	-	-	1	-	-	-	-
Diploma (Civil)	-	-	-	-	1*	1*	-
<b>Total</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

#### Electrical Services

Description	E1	E2	E3	E4	E5	E6	E7
Degree Engineer (Civil)	1*	1*	-	-	-	-	-
Degree Engineer (Electrical)	1*	1*	1 <sup>2</sup>	1 <sup>2</sup>	1 <sup>3</sup>	1 <sup>3</sup>	-
Degree Engineer (Mechanical)	1*	1*	-	-	-	-	-
Degree (Hydrologist)	1*	1*	-	-	-	-	-
Diploma (Civil)	-	-	1*	1*	1 <sup>2</sup>	1 <sup>2</sup>	-
Diploma (Electrical)	-	-	-	-	-	-	1
<b>Total</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>

#### Surveying Services

Description	S1	S2	S3	S4	S5	S6	S7
Professional (specialization)	-	-	-	1*	1*	1*	-
Diploma (Cadastral Surveyor)	2	-	-	-	-	-	-
Diploma (specialization)	-	1*	1*	-	-	-	1
Certificate (specialization)	-	1*	1*	-	-	-	-
<b>Total</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

### Minimum Mandatory Equipment & Facilities Required

Description	S1	S2	S3	S4	S5	S6	S7
Total Station (3 sec or better)	1*	-	-	-	-	-	-
Total Station (5 sec or better)	-	1	-	-	-	-	-
GNSS/RTK: 1 set	1*	1	-	-	-	-	-
Levelling instrument	-	1	-	-	-	-	-
Bathymetric Survey Instrument	-	-	1	-	-	-	-
Survey Grade GNSS	-	-	-	4	-	-	-
Precision Levelling instrument	-	-	-	1	-	-	-
Licensed GNSS Data Processing & adjustment Software	-	-	-	1	-	-	-
DPWS	-	-	-	-	1	-	-
Licensed Photogrammetric software	-	-	-	-	1	-	-
Established collimator	-	-	-	-	-	-	1
<b>Total</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>1</b>

Note: \*minimum only

## Specialized Firms

Description	NC3	NC2
SF1 - Masonry	1	1
SF2 - Construction Carpentry	1	2
SF3 - Plumbing	1	1
SF4 - Electrical	1	1
SF5 - Welding & Fabrication	-	2
SF6 - Painting	Certificate from relevant institutions or similar work experience certificate	

## Contractor Firms

### Minimum mandatory Human Resources required: LARGE CLASS

Description	W1	W2	W3	W4
Manager	1*	1*	1*	1*
Degree Engineer	1 (C)*	-	1 (C)*	1 (E)*
Diploma Engineer	2 (C)*	-	2 (C)*	1 (E)*
Accountant	1*	-	1*	1*
Site Supervisor	2*	-	2*	2
<b>Total</b>	<b>7</b>	<b>1</b>	<b>7</b>	<b>6</b>

### Minimum mandatory Equipment's required: LARGE CLASS

Description	W1	W2	W3	W4
Excavator/Payloader	1	-	1	1
Road roller	1	-	-	-
Truck	1	-	1	1
Air Compressor	1	-	1	1
<sup>1</sup> Survey equipment's	1*	-	1*	1*
Concrete mixer	-	-	1	1
Vibrator	-	-	1	1
Crane Truck	-	-	-	1
Steel Shuttering set (sft)	-	-	5000	-
Water pump/multi-meter	-	-	-	1
Meggar	-	-	-	1
Max puller	-	-	-	1

### Minimum mandatory Human Resources required: MEDIUM CLASS

Description	W1	W2	W3	W4
Manager	1*	1*	1*	1*
Diploma Engineer	1 (C)*	-	1 (C)*	-
Site Supervisor	1*	-	1*	1*
<b>Total</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>2</b>

### Minimum mandatory Equipment's required: MEDIUM CLASS

Description	W1	W2	W3	W4
Truck	1*	-	1*	1*
<sup>2</sup> Survey equipment's	1*	-	1*	1*
Concrete mixer	1*	-	1*	-
Vibrator	1*	-	1*	-
Steel Shuttering set (sft)	-	-	2000	-
Water pump/multi-meter	-	-	-	1
Meggar	-	-	-	1

### Minimum mandatory Human Resources required: SMALL CLASS

Description	W1	W2	W3	W4
Site Supervisor	1*	1*	1*	1*
<b>Total</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

Note: C-Civil E-Electrical \*minimum only <sup>1</sup>Total Station <sup>2</sup>Leveling machine



## Notifications/Circulars

### NOTIFICATION

#### CONSTRUCTION DEVELOPMENT BOARD Thimphu

CDB-03/2021-2022/381

In continuation to the earlier notification dated December 24, 2020 posted in our website deferring the regulation of CDB registered Engineers employed by the Construction/ Consultancy firms due to second nationwide lockdown of COVID-19 pandemic.

In this regard, all **Construction/Consultancy firms** are hereby notified to inform your engineers to register with CDB immediately.

Failing to comply with this notification shall result in suspension for those valid certificate or denial of renewal of your CDB registration certificate.

This notification shall be in force from **January 1, 2022.**

*Director*

### NOTIFICATION

#### CONSTRUCTION DEVELOPMENT BOARD, THIMPHU

CDB-03/2021-2022/59

This is to notify all the construction firms that as per Clause 4.2 and Annexure 2 of Monitoring (Amendment) guidelines 2020 and the notification issued by Ministry of Works and Human Settlement vide MoWHS/2020/20/122 dated **June 18, 2020**. Construction Development Board shall hereby monitor the availability of the following at the construction sites:

1. Safety In-charge/representative
2. Safety signages
3. Fire extinguishing equipment
4. First aid tool box with aid kits
5. Peripheral boundary of construction site (securing of site)
6. Safe and proper electrical connections and installations; and
7. Other personnel protective equipment (safety helmet, safety shoes, high visibility vest, safety goggle, welding shield, dust mask, safety harness/belts, protective gloves, ear plugs/muffs etc.)

Failing to comply with the above shall be sanctioned as per clause 4.2.5 and 4.2.6 of the aforementioned guidelines and other applicable laws and guidelines. This notification is issued for strict compliance with immediate effect.

*Director*

### NOTIFICATION

#### CONSTRUCTION DEVELOPMENT BOARD, THIMPHU

CDB/22/2020-2021/ 395

This is in continuation to the notification issued on 19th October 2021 regarding monitoring of office establishment of construction and consultancy firms, the Monitoring Team will be verifying the required human resources through monthly salary sheet authenticated by Health Contribution (HC) & Tax deduction at Source (TDS) or Provident Fund (PF) deposited documents.

Therefore, all large and medium contractors and consultancy firms are notified to deposit the monthly HC & TDS or PF of the required employees at least in quarterly basis.

Failing to produce the above documents shall lead to administration actions as per the Monitoring Guidelines 2020.

*Director*

