



CDB welcomes new Board member



L-R: 4th – Mr. Tashi Wangyel, President CAB

Did You Know?



Launched of Certified Builders



His Excellency Hon'ble Zhabtog Lyonpo Dorji Tshering launched the Certified Builders and the online registration system for the Certified Builders on 21st September 2022, attended by the Resident Representative of the World Bank country office and other dignitaries.



Hon'ble Lyonpo also awarded a certificate of registration to three registered Certified Builders – **M/s. Rinchen Barwa Builders, M/s. Mountain Valley Home Builders, and M/s. Dralion Builders.**

The institution of Certified Builders is intended to achieve specialization, mechanization, improve quality, and create employment opportunities in building constructions; leading towards professionalization of the overall construction sector. This would also ensure hassle-free construction for the homeowners (potential). The Certified Builders will be undertaking the construction of private buildings henceforth.

MoWHS introduces Certified Builders system to professionalize construction industry

With the system of Certified Builders instituted, the Ministry of Works and Human Settlement is now appealing the house owners in the country to use certified builders for private construction. The ministry certified the first three registered builders today. Certified builders are a firm or a company that has been certified by the government to carry out the construction of private buildings.

From designing a house and arranging labourers to monitoring, a house owner has to manage all. But not anymore. Although optional for now, they can use certified builders to undertake the construction.

“You have to be the contractor for the construction of your own house. Henceforth, going forward, with the certified builders, because they have adequate manpower and appropriate manpower, engineering professionals, certified plumbers, certified electricians etc. All of the work that you are doing currently when you constructing the house, that will be taken over by the certified builders,” said Sonam Yangdhen, Chief Engineer of the Department of Engineering Services under the Ministry of Works and Human Settlement.

And to encourage potential house owners to use them, certified builders raised the need for policy intervention. They said most house owners might resort to the existing practice rather than using their service as it's optional.

“If the authorities could introduce certain policies that the constructions are to be done by, executed or completed under the supervision of engineers or certified builders. It will be not just helpful to the builders but also the people and economy of the country,” said Ranjeet Sunar, the Proprietor of Dralion Builders, also one of the certified builders.

“Till now we can see that all the works and all the private buildings are built through Thekedars. And what they do is they just come, they see the drawing, they fix the rate and they start working directly. There are no safety measures, there is no proper testing and all but with certified builders, there are technically sound people,” said Jeewan Kumar Chhetri, Engineer of Mountain Valley Home Builders, another certified builder. However, the ministry henceforth, will strictly enforce the technical requirements in the Bhutan Building Regulation such as close supervision of construction by certified engineers, certified plumbers and electricians to encourage house owners to use certified builders.

Furthermore, the ministry is also working on revising the Building Bhutan Regulation and reviewing the technical requirements for private building construction so that it's made at par with the requirements of Certified Builders.

The new system is also expected to professionalize the overall construction sector which currently is lacking in the country.

“The construction of private buildings is plagued by several problems as of now. So first it is a lack of professionalisation. The workers that are employed in the construction of buildings do not have the technical skills. So, because they do not have the technical skills, there is every chance of approved drawings being misrepresented and the work that is done on-site to be wrong. So, that also leads to structural safety being compromised,” said Sonam Yangdhen.

Today, there are around 2,700 contractors in the country.

Samten Dolkar

Courtesy: BBS Facebook page, dated 21 September 2022

Construction Safety Supervisor Training

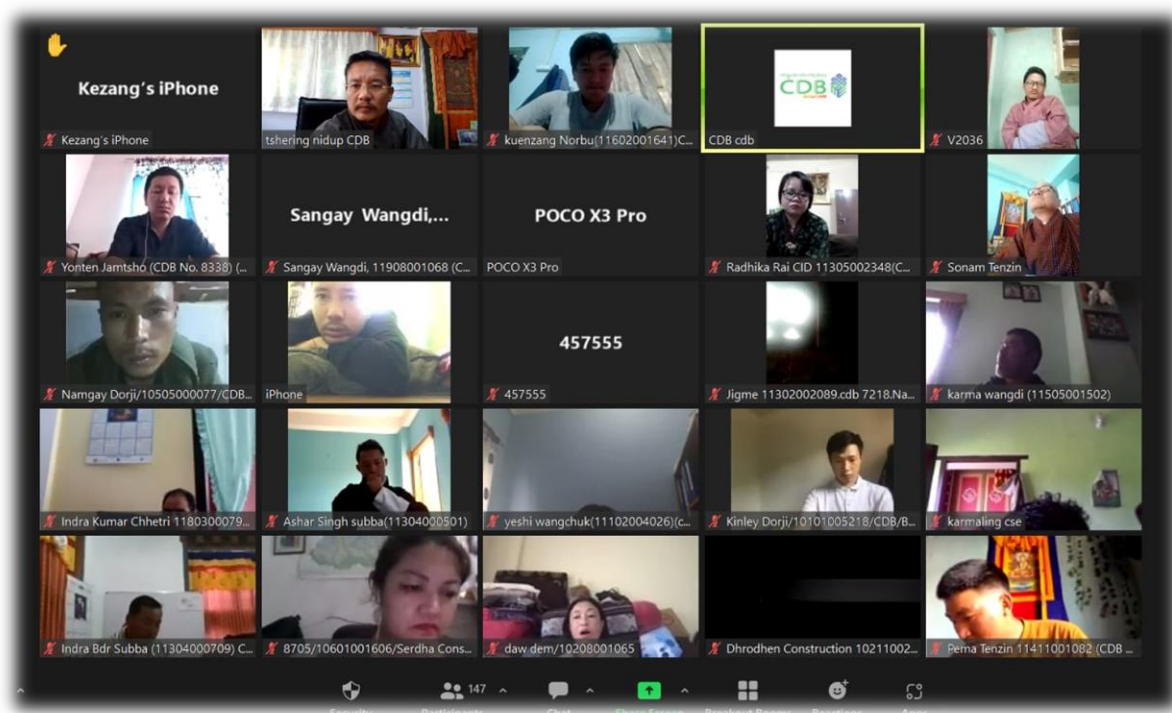
In pursuit of a certification in Occupational Health and Safety (OHS) and raising awareness of related legislations for the Construction Industry in the Country, the Construction Development Board (CDB) will be conducting OHS Training as scheduled below:

Sl. No.	Dzongkhag	Training duration & Months	Time	Venue (Tentative)
1.	Thimphu	17/10/2022 to 21/10/2022	9:00AM – 5:00PM	Dzongkhag DYT Hall
2.	Chukha	08/11/2022 to 12/11/2022	- ditto -	- ditto -
3.	Samdrup Jongkhar	15/11/2022 to 19/11/2022	- ditto -	- ditto -
4.	Punakha	06/12/2022 to 10/12/2022	- ditto -	- ditto -
5.	Gelephu	20/12/2022 to 24/12/2022	- ditto -	- ditto -

Virtual Refresher course for Contractors

The Construction Development Board in pursuit of enhancing professionalism in construction industry conducted virtual mandatory training from **19th September to 22nd September 2022** (pegged with renewal of CDB Registration Certificate) for those contractors whose registration is expiring as on **31st December 2022**.

The training is a 2-day program irrespective of class of contractors. A total of **124** employees from the firms attended the training from 19 – 20th September and **150** on 21st – 22nd September.



CDB Bids Farewell



>>> CDB bid farewell to **Mrs. Choney Wangmo**, Account Assistant on her voluntary resignation from Civil Service. Offtg. Director presented a token of appreciation for her dedicated service to the CDB for 5 years.

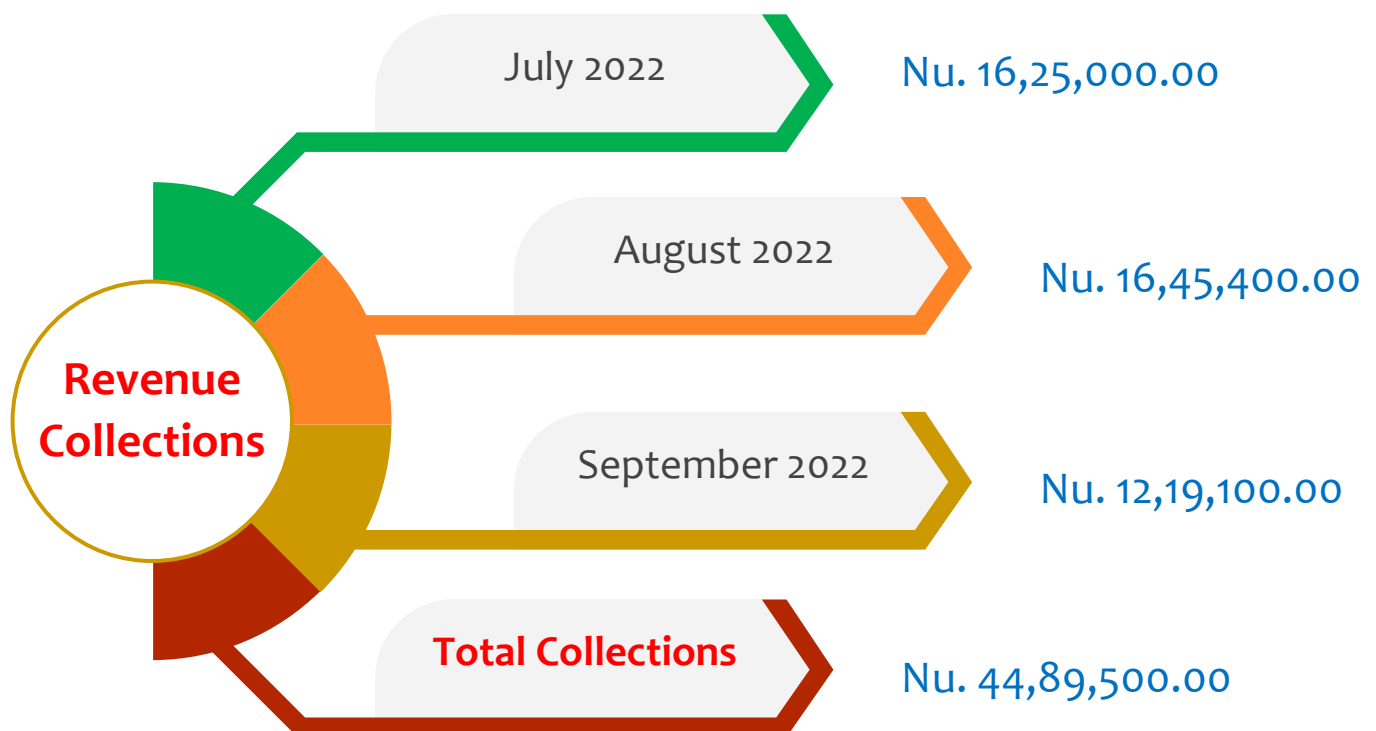
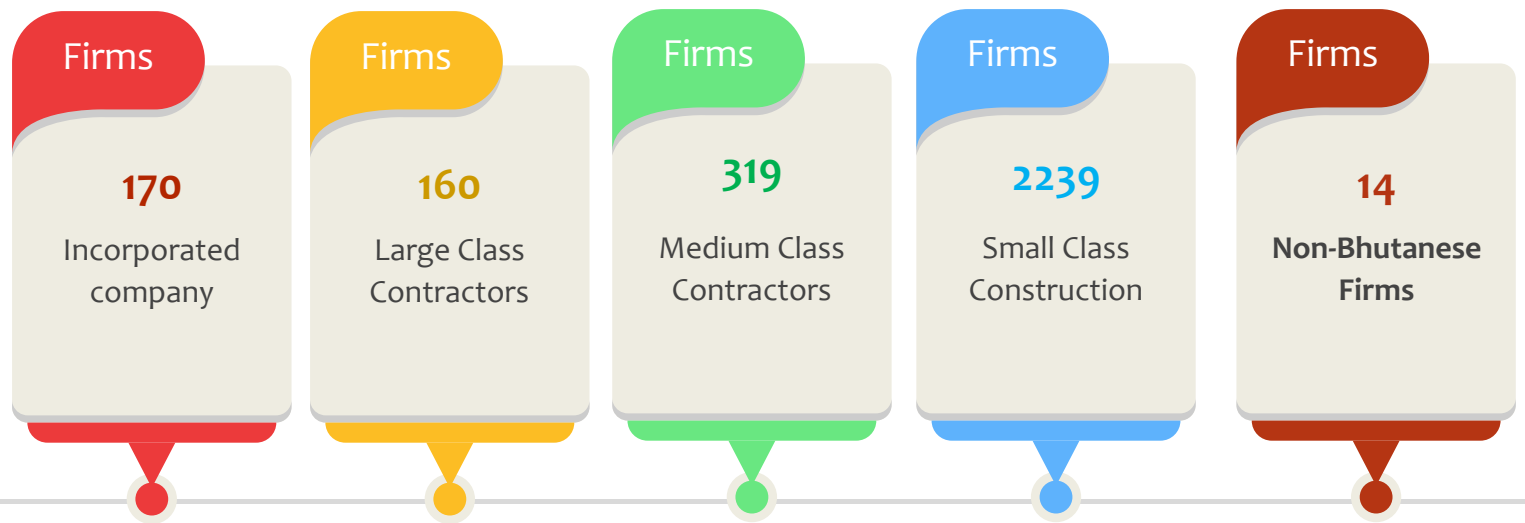
The CDB family wishes her success in her future endeavors and convey our sincere gratitude to her for rendering 14 years of service with utmost dedication and sincerity to the Tsa-Wa-Sum.



>>> CDB bid farewell to **Mr. Yeshe Phuntsho, Sr. Legal Officer** upon his transfer to the Department of National Properties, MoF, Thimphu.

The CDB family wishes him in his future endeavors and convey our sincere gratitude for his dedicated service to the CDB for last 7 years.

Statistics of CDB Services – as of 30th September 2022



Consultancy Firms

Minimum mandatory Human Resources required

Architectural Services

Description	A1	A2	A3
Architect (Degree & above)	1*	1*	1*
Total	1	1	1

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*	-
Total	1	1	1	1	1	1	1

Electrical Services

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

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*	-	-	-	-
Total	2	2	2	1	1	1	1

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
Total	1	3	1	6	2	0	1

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
Total	7	1	7	6

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
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*
Total	3	1	3	2

Minimum mandatory Equipment's required: MEDIUM CLASS

Description	W1	W2	W3	W4
Truck	1*	-	1*	1*
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*
Total	1	1	1	1

Note: C-Civil E-Electrical *minimum only ¹Total Station ²Leveling machine

Certified Builders

Description	Qualification	Nos.
Project Manager	Bachelor's degree	1
Project Engineer	BE Civil Engineer or Diploma in Civil Engg.	1 or 2
Site Supervisor	Any Technical Graduate (Architect, Civil or Electrical) incl. Civil/Electrical TTI Graduates	1

