

## **Bharti Defence delivers C-162 to Coast Guard**

### **What in news:**

- Bharati Defence and Infrastructure Ltd. (BDIL), delivered an interceptor boat, C-162, to the Indian Coast Guard on its premises

### **About news:**

- Sixth in a series of 15 high speed interceptor boats being procured by the ICG, C-162 was launched on January 31 at BDIL and within 28 days
- The vessel completed harbour and sea trials successfully achieving speeds more than the contractual limit of 35 knots, said a release from BDIL.

### **About vessel:**

- The 28-m-long vessel has an aluminium hull, weighs about 60 dead-weight tonnage (DWT) and is designed for speeds up to 35 knots.
- It is fitted with a new generation of Arneson Surface Drive propulsion system and is propelled by two engines of 1,650 KW each.
- The vessel can accommodate 11 crew and is deployed mainly for patrolling purposes.
- Having handed over the fifth vessel of the series in November last, the present handover within about four months has infused new spirits among BDIL staff as the company was admitted to Corporate Insolvency Resolution Process under Insolvency and Bankruptcy Code, 2016.
- The successful delivery of C-162 under severe financial limitations comes as a shot in the arm for the company as it was accomplished on challenging fund constrained situation.
- BDIL has got a committed team of technical officers and skilled employees through whom it is confident of delivering the remaining vessels of the series, the release added.

### **Expected prelims question:**

Consider the following statements:

1. Interceptor boat, C-162 Sixth in a series of 15 high speed interceptor boats.
2. It is deployed mainly for patrolling purposes

Which of the above statements is/are correct?

- a) Only 1
- b) Only 2
- c) Both 1 and 2
- d) None

Ans – c

**India, Russia, Bangladesh sign pact for Rooppur atomic plant.**

**What in news:**

- The Rooppur project is the first initiative under an Indo-Russian deal to undertake atomic energy projects in third countries and it will also be the first time Indian firms will take part in such a project abroad

**About news:**

- Indian companies can now participate in construction and installation works in the “non-critical” category for the Rooppur nuclear power plant in Bangladesh, Russian atomic energy agency Rosatom.
- The Rooppur project is the first initiative under an Indo-Russian deal to undertake atomic energy projects in third countries.
- This will also be the first time Indian companies will be able to participate in a nuclear power project abroad.

- India is not a member of the Nuclear Suppliers Group (NSG) and hence cannot participate directly in construction of atomic power reactors.
- According to Rosatom, India, Bangladesh and Russia signed an agreement to allow Indian firms in construction and installation works in the “non-critical” category for the Rooppur nuclear power plant project in northwest Bangladesh.
- The Memorandum of Understanding, signed in Moscow, sets a framework for interaction of Russian contractor, and Indian and Bangladeshi experts in the implementation of works related to the project.
- The parties, in particular, will cooperate in personnel training, exchange of experience and consulting support.
- Russia is constructing two nuclear reactors with a capacity of 1,200 MW each in Rooppur, which will be Bangladesh's first nuclear power project.
- The scope of work includes design, production and supply of equipment, construction, installation, start-up and commissioning.

**Rooppur nuclear power plant project:**

- Rooppur Nuclear Power Plant is an under construction 2.4 GWe nuclear power plant in Bangladesh.
- The nuclear power plant is under construction at Rooppur (Rupppur), adjoining Paskey, in the Ishwardi Upazila of Pabna District, on the bank of the river Padma, 87 miles (140 km) west of Dhaka, in the northwest of the country.
- It will be the country's first nuclear power plant, and the first of two units is expected to go into operation in 2023.
- It is to be built by the Russian Rosatom State Atomic Energy Corporation.
- The level of Indian involvement (collaboration) in this project is not established yet as India is not a member of Nuclear Supplier Group(NSG) that controls the export of materials, equipment and technology that can be used to manufacture nukes.

**Expected prelims question:**

Rooppur Nuclear Power Plant located in

- a) India
- b) Russia
- c) Bangladesh
- d) USA

Ans – c

**Expected mains question:**

The Rooppur project is the first initiative under an Indo-Russian deal to undertake atomic energy projects in Bangladesh critically analyse the trilateral relations among them.