



Marine Institute - Reef Ball Deployment

Request for quote: Deployment of 280 reef balls

Dates: To be negotiated (between June 1st, 2025, and June 30th, 2025, start date)

- Deployment of 200 reef-ball style artificial reefs (Figure 1) and 80 layer-cake artificial reefs (Figure 2)
- Specs per reef-ball: Width 1.22m, Height 0.88m: Weight 800-1100kgs.
- The vessel must be in good working condition, registered in the province of Newfoundland and Labrador, present a valid CSI inspection certificate, and carry all necessary lifesaving equipment in the event of an emergency.
- The vessel will mobilize to and from either Argentia or Fox Harbour, NL. Deployment will take place over a 10–12-hour consecutive period each day, including steaming to and from the harbour to load reef balls. Activities will include loading predetermined number of reef balls onto the vessel based on the safe carrying capacity of the vessel. The vessel will return to port each night.
- The vessel must be equipped with the following equipment in working condition: GPS, radar, sounder, hydraulics, standard tackle, and a functioning crane with a lifting capacity (up to 5 metric tonnes) to deploy 4 units at the same time using a provided lifting jig.
- Deployment time will depend on vessel capacity but is estimated to be fifteen (15) consecutive days, weather dependent, on the water.
- The enterprise shall provide necessary crew (including the captain) to operate the vessel. The crew will be responsible for the operation and navigation of the vessel, deployment of reef balls using the crane, and other duties as required. They must be experienced mariners with the necessary training and certification required by Canadian Law (i.e., Transport Canada) to work offshore.

Please provide quotation for the following items:

- 1) Daily rate while at sea
- 2) Daily rate for mobilizing and demobilizing (i.e., working wharf day)
- 3) Daily rate while at wharf due to bad weather (i.e., non-working wharf day)



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Please include within the above daily rates all additional fees, including for example:

- 1) Administration
- 2) Travel and Communications
- 3) Fuel
- 4) Workers Compensation Insurance for the Vessel Crew
- 5) Extra Insurance (\$5 million required)
- 6) Food for crew
- 7) Additional Fees

More information on artificial reef construction available here: <http://www.reefball.org/brochure.htm>

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Figure 1. Picture of Pallet ball size.



Figure 2. Pictures of a layer cake style reef



Figure 3: Deployment Sites in Placentia Bay