



**GLOBAL**  
a moran company

**Budget No. 22WADD0081**

**Feb. 21, 2023**

**Contractor License:** WA – GLOBADS176JM

**Project:** Fidalgo Marina Phase 2: Batter Pile Repairs

**Location:** Fidalgo Marina, Anacortes, WA

**Owner/Client:** Fidalgo Marina

**Global Diving & Salvage, Inc.** (Global) is pleased to provide this proposal for all phases of diving and marine work as outlined below. Established in 1979, Global is a total solution commercial marine services provider with extensive experience working on complex technical projects in and around the water. All work will be accomplished in accordance with USN Diving Manual (rev.7), ADCI Consensus Standards for Commercial Diving & Underwater Operations, and OSHA Standards for Commercial Diving Operations.

**Global's estimate is based on the following:**

- Global will provide crew, equipment and materials for the repair of 79 steel batter pile supporting North and East walls of the marina breakwater. Work is anticipated to occur in 2024/2025. Work includes:
  - Mobilization/Demobilization
  - Cleaning Piles
    - Divers will clean piles with a 5k pressure washer to remove growth
    - Global will notify client if significant structural damage is found on additional piles after cleaning that were not initially identified due to marine growth during the dive inspection on Feb. 8, 2023
  - Performing Major Repairs on (5 ea) pile (identified as having major voids/complete failure)
    - Divers will wrap damaged portion of each pile with HDPE wrap and SplashZone epoxy to seal off the void
  - Performing Minor Repairs on (20 ea) pile (identified as having structural damage/holes)
    - Divers will wrap damaged portion of each pile with DensoGlass outerwrap/polywrap to seal off the void
  - Installation of (79 ea) Denso Fiber-Form Jackets
    - Installation of fiberglass rebar, pile jackets, pouring grout, epoxy cap
      - Includes excavation/backfill 2' below mudline, assuming silty/mud bottom (no rip-rap/debris removal required)
      - Assumes competent pipe pile
      - Assumes grout annulus of 4" per specs
      - Assumes hand-troweled epoxy cap; depending on site conditions, galvanic coating may be applied instead
- Global Crew: 6-Person Team comprised of (1) Dive Supervisor, (4) Diver/Tenders plus (1) Pilebuck
- 10-hour work shifts on-site, Monday-Friday

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MARINE CONSTRUCTION | COMMERCIAL DIVING | MARINE CASUALTY RESPONSE | ENVIRONMENTAL SERVICES

- Global-provided equipment includes:
  - (1) Pile Wrap Work Platform (consisting of EZ Docks)
  - (1) Work Skiff
  - (1) Shallow Air Dive Spread, consisting of a 20' tools container and 10' dive control van
  - (1) Grout Pump
  - (1) Telehandler
- Assumes all areas marked for pile repair are accessible to Pilewrap Crew and are not blocked/impeded by immovable structures/debris
- Assumes Seattle Yacht boat lift ramp can be utilized to load/offload materials

**Client to assist with and provide:**

- Any permits and associated permit requirements
- Owner to facilitate coordination/scheduling with Marina tenants during dive operations to ensure proper access and safety of work crews
- Potable water
- Global will be allowed to moor inside south side of breakwater

**TASK PRICING**

ITEM	DESCRIPTION	U/M	QTY	UNIT RATE	TOTAL
1	Mobilization	LS	1	\$67,550	\$67,550
2	Clean Piles	EA	79	\$1,550	\$122,450
3	Major Repairs	EA	5	\$5,190	\$25,950
4	Minor Repairs	EA	20	\$3,275	\$65,500
5	Install Jackets	EA	79	\$8,525	\$673,475
6	Placing Grout	EA	79	\$11,910	\$940,890
7	Storage and Trucking	LS	1	\$180,840	\$180,840
8	Demobilization	LS	1	\$55,325	\$55,325
<b>Estimated Project Total:</b>					<b>\$2,131,980</b>

**Terms and Conditions:**

- This proposal is based on package pricing and includes all line items; if the client excludes any line items the package will be repriced
- This proposal is subject to a mutually agreeable schedule and contract
- Pricing excludes P&P Bond (rate is 1%)
- Pricing includes all required longshoreman and marine insurance coverages
- Estimate based on Global's current union labor rates and will comply with Prevailing Wage rates as required

- If additional equipment or materials are requested by Contractor such items will be billed at current Global tariff rates or cost + 15%
- An additional fuel surcharge shall apply to all fuel-driven equipment if the weekly average price of US Diesel (On Highway or Marine) exceeds \$6.00/gallon as reported by the U.S. Energy Information Administration at the time of invoice.
- A Diving Standby Rate of \$4,275 will be charged for delays or shutdowns that are dictated by Owner due to no fault of Global. Callbacks/shutdowns of more than 10 days will incur a demob/remob fee of \$51,070.
- Pricing is valid for 60 days.

Global's estimating team is happy to discuss our approach and explore ways to increase project efficiencies. Global can also provide examples of similar past projects upon request.

We look forward to completing this work with your team.

Respectfully submitted,

Dirk deGroot  
Dir. Major Projects  
Global Diving & Salvage, Inc.