

Pricing Data Sheet

CCGS Henry Larsen 2021 drydocking

Item	Description	Unit Cost	Total Cost (inc allowances)
HD-01	Production Chart		\$
HD-02	Pre-Refit Safety Meeting		\$
HD-03	Services		\$
	.1 Berthing		\$
	.2 Gangways (2 in total)		\$
	.3 Potable Fresh Water: 8 m3 x 105 days x \$ _____/ per m3		\$
	.4 Fire Main		\$
	.5 Cooling Water Connections		\$
	.6 Sewage Connection		\$
	.7 Oily Bilge Water: 20m3 x \$ _____/per m3		\$
	.8 Electrical Shore Power: 8,100 kwh x 105 days x \$ _____/per kwh		\$
	.9 Garbage Removal : 105 days x \$ _____/day rate		\$
	.10 Deck Protection		\$
	.11 Cranage: 50 lifts x \$ _____/per lift		\$
	Total cost for services listed in HD-03		\$
HD-04	Sea Trials		\$
HD-05	Drydocking		\$
HD-06	Docking Plugs		\$
HD-07	Hull Butts and Seams		\$
	3.4 Unit cost for gouging: 1,000 linear feet x \$ _____/ cost per linear feet		\$
	3.4 Unit cost for grinding: 1,000 feet x \$ _____/cost per feet		\$
	3.5 Unit cost for bead feet of weld: 5,000 bead feet x \$ _____/ cost per bead feet		\$
	3.9 Unit cost for NDT tests: 5 x \$ _____/per test		\$
HD-08	Hull Coating		\$
	3.11 Unit cost per m2 blasting bare steel: 810 m2 x \$ _____/cost per m2		\$
	3.21 Unit cost for touchup: 810 m2 x \$ _____/cost per m2		\$
	4.3 Unit cost for manlift : 10 hours x \$ _____/hourly rate		\$
	3.4 Cost for shelter		\$
	3.4 Cost for 4 lead tests: 4 x \$ _____/per test		\$
	3.4 Allowance for Lead Abatement		\$50,000.00
	Markup on allowance (max 10%)	_____ %	\$

Item	Description	Unit Cost	Total Cost (inc allowances)
HD-09	Sea Water Vent Pipe Replacements		\$
	3.1.1 Allowance for asbestos abatement		\$10,000.00
	Markup on allowance (max 10%)	_____ %	\$
	3.1.10 Unit cost for thermal fluid: 750 ltrs x \$ _____/per litre		\$
HD-10	Potable Water Tanks		
	3.11 Unit cost for power tooling & coating: 60 m2 x \$ _____/cost per m2		\$
HD-11	Void Spaces		\$
	3.1.6 Unit cost for blast/coating: 745m2 x \$ _____/cost per m2		\$
HD-12	Auxiliary Machinery Space Tank Top Coating		\$
	3.7 Allowance for asbestos abatement		\$6,000.00
	Mark up on allowance (max 10%)	_____ %	\$
	3.12 Allowance for lead abatement		\$20,000.00
	Mark up on allowance	_____ %	\$
HD-13	Ballast Tank Inspection and Coating		\$
	3.6 Forepeak: Unit cost for blast & Wasser MC-Miozinc 100 coating 360 m2 x \$ _____/per m2		\$
	3.12 Aft Peak Tank: Unit cost for blast & Wasser MC-Miozinc 100 coating 170 m2 x \$ _____/per m2		\$
HD-14	Sea Bay/Sea Chest Anodes		\$
	3.3 Unit cost supply/install 10kg sacrificial zinc anode 34 anodes x \$ _____/per anode		\$
	3.9 Allowance for FSR (Travel and living only)		\$5,000.00
	3.9 Mark up on allowance (max 10%)	_____ %	\$
	3.9 FSR per diem rate: 5 days x 8 hr day x \$ _____/hourly rate		\$
HD-15	Installation of Split Air Conditioners		\$
	8.15 Allowance for units		\$17,000.00
	Mark up on allowance (max 10%)	_____ %	\$
	380.2 Allowance for lead abatement		\$5,000.00
	Mark up on allowance (max 10%)	_____ %	\$
HD-16	Multibeam Install		\$
	120.6 Allowance for lead abatement		\$50,000.00
	120.6 Mark up on allowance (max 10%)	_____ %	\$
	120.6 Allowance for asbestos abatement		\$20,000.00
	120.6 Mark up on allowance (max 10%)	_____ %	\$
HD-17	Hull Survey		\$
	3.4.3 Unit cost for shots: 5,000 x \$ _____/per group of 10 shots		\$
	3.4.4 Allowance for travel of the NDT Specialist		\$10,000.00

Item	Description	Unit Cost	Total Cost (inc allowances)
	3.4.4 Markup on allowance (max 10%)	_____ %	\$
	3.5.3 Unit cost for removal of deck head panels: 200m2 x \$ _____/cost per m2		\$
	3.5.3 Removing and re-installing misc items in deckhead panels at 100 per.		\$
	3.5.6 Unit cost for coating renewals: 50m2 x \$ _____/cost per m2		\$
	3.5.7 Unit cost for removal & disposal: 50m3 x \$ _____/cost per 10m3		\$
	3.7.1.2 Unit cost for testing of material for asbestos: 10 samples x \$ _____/per sample		\$
	3.7.1.3 Unit cost for type 2 removals (asbestos): 10 removals \$ _____/per removal		\$
	3.7.2.2 Unit cost for testing coatings for lead: 10 samples x \$ _____/per sample		\$
	3.7.2.3 Unit cost for type 2 removals (lead): 20 removals x \$ _____/per removal		\$
HD-18	Chain Locker Survey		\$
	3.1.7 Unit cost of bare steel: 75m2 x \$ _____/cost per m2		\$
HD-19	Heeling Tanks Survey		\$
	3.1.7 Unit cost for blast and coating: 922m2 x \$ _____/per m2		\$
HD-20	Fuel Oil Tanks Survey		\$
HD-21	Sea bay /Sea chest Coating		\$
	3.12 Unit cost for repair/coating: 40m2 x \$ _____/cost per m2		\$
	3.16 Unit cost for SS countersunk screws supply/install : 75 x \$ _____/cost per screw		\$
HD-22	Bubbler Piping Repair		\$
HD-23	Anchors and Chains Survey		\$
	3.1 Cost to perform 2 lead samples		\$
	3.1 Allowance for lead abatement		\$10,000.00
	3.1 Markup on allowance (max 10%)	_____ %	\$
	3.5 Unit cost to repair slack studs: 6 x \$ _____/per stud		\$
H-01	Lifeboats/Davits Annual Inspection		\$
	3.1 Allowance for FSR		\$10,000.00
	3.1 Markup on allowance (max 10%)	_____ %	\$
	3.1 Assistance to FSR 100 hrs x \$ _____/per hr		\$
	3.14 Allowance for hydraulic parts		\$10,000.00
	3.14 Markup on allowance (max 10%)	_____ %	\$
H-02	Cargo Hatches Repair		\$
	3.1.2 Allowance for FSR		\$10,000.00

Item	Description	Unit Cost	Total Cost (inc allowances)
	3.1.2 Markup on allowance (max 10%)	_____ %	\$
	3.1.15 Allowance for hardware		\$4,000.00
	3.1.15 Markup on allowance (max 10%)	_____ %	\$
H-03	Helicopter Fueling System Maintenance		\$
H-04	Liferafts		\$
	3.4 Allowance for FSR		\$16,000.00
	3.4 Markup on allowance (max 10%)	_____ %	\$
H-05	Accommodation HVAC Cleaning		\$
H-06	Accommodation Washroom Exhaust Duct Cleaning		\$
H-07	Galley Range Hood and Exhaust Fan Trunking		\$
H-08	Laundry Dryer Exhaust Ductwork Cleaning		\$
H-09	Sewage System		\$
	3.21 Unit cost for coating: 40m2 x \$ _____/cost per m2		\$
H-10	Fixed FM200 and CO2 Smothering System Inspection		\$
H-11	Hanger Fire Fighting Foam Replacement		\$
	3.1.8 Allowance for lead abatement		\$6,000.00
	3.1.8 Markup on allowance (max 10%)	_____ %	\$
	3.1.1 Allowance for FSR		\$5,000.00
	3.1.1 Markup on allowance (max 10%)	_____ %	\$
H-12	Fire Detection Systems		\$
H-13	Senior Engineer's Cabin Repairs		\$
	3.1.14 Unit cost for planking : 300 sq ft x \$ _____/cost per sq ft		\$
	3.1.15 Allowance for replacing damaged dexotex		\$4,000.00
	3.1.15 Markup on allowance (max 10%)	_____ %	\$
	3.1.15 Unit cost to replace sq m for damaged dexotex	\$	
H-14	MCR Flooring		\$
	3.1.4 Unit cost for dex-o-tec 55m2 x _____\$/per m2		\$
H-15	Fairlead Renewals		\$
E-01	Port and Stbd Stern seal		\$
	3.1 Allowance for FSR (travel and living only)		\$5,000.00
	3.1 Markup on allowance (max 10%)	_____ %	\$
	3.1 FSR onsite work : 10 days x 8 hr day x \$ _____/hourly rate		\$
	3.1 Assistance to FSR: 2 workers x 10 days x 8 hr day \$ _____/hourly rate		\$
E-02	Tailshaft Bearing Wear-down Port and Stbd		\$
E-03	Port and Stbd Shaft Survey		\$
	3.48 Unit cost for fit: 6 fits x \$ _____/per fit		\$
E-04	Port Tailshaft Pilgrim Nut Renewal		
	1.9 Allowance for FSR		\$126,000.00
	1.9 Markup on allowance (max 10%)	_____ %	\$

Item	Description	Unit Cost	Total Cost (inc allowances)
	1.9 Assistance to FSR: 2 labourers x 12 hr day 14 days x \$ _____/hr rate		\$
E-05	Diesel Fuel Purifier Piping Modifications		\$
	3.1.11 Unit cost per pipe bracket fab & fitting: 30 pipe brackets x \$ _____/cost per pipe bracket		\$
E-06	Relief Valve Certification		\$
E-07	Annual Refrigeration Systems Inspection		\$
E-08	Machinery Space Bilge Cleaning		\$
E-09	Thermal Fluid Units Maintenance		\$
	3.2 Allowance for FSR (travel & living only)		\$5,000.00
	3.2 Markup on allowance (max 10%)	_____ %	\$
	3.2 FSR services 5 days x 2 persons x 10 hour day x \$ _____/hourly rate		\$
E-10	Bubbler Compressor Install		\$
	3.5 Allowance for asbestos abatement		\$35,000.00
	3.5 Markup on allowance (max 10%)	_____ %	\$
	3.7 Unit cost for pin: 200 x \$ _____/cost per pin		\$
	3.8 Allowance for lead abatement		\$10,000.00
	3.8 Markup on allowance (max 10%)	_____ %	\$
	3.12 Allowance for Howden FSR		\$80,000.00
	3.12 Mark up on allowance (max 10%)	_____ %	\$
E-11	Port Windlass Brake Band Repair		\$
E-12	Bubbler Check Valves Replacement		\$
E-13	Bubbler Valve Overhaul		\$
	3.1.7 Allowance for new fastening hardware		\$5,000.00
	3.1.7 Markup on allowance (max 10%)	_____ %	\$
E-14	Steering Gear Hydraulic Overhaul		\$
	3.12 Allowance for parts/FSR cost		\$15,000.00
	3.12 Markup on allowance (max 10%)	_____ %	\$
E-15	Survey Main Engine Lube Oil Coolers		\$
E-16	Incinerator Refractory Replacement		\$
	3.1.1 Allowance for FSR		\$10,000.00
	3.1.1 Markup on allowance (max 10%)	_____ %	\$
L-01	Machinery Space Fan Overhauls		\$
L-02	TV Distribution Replacement		\$
	3.1.4 Unit cost for supply/install 1 ROXTEC S 6 x 1		\$
L-03	Seatel TVRO Install		\$
L-04	Steering Gear Motor Overhauls		\$
	Total Cost (taxes extra)		\$