



UNIVERSITY of WASHINGTON
Applied Physics Laboratory

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4 February 2026

Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
 Sezione di Oceanografia
 Borgo Grotta Gigante n. 42/c
 34010 Sgonico (Trieste) - Italia
 Tel. +39 040 2140203

Re: SGX Seaglider Fabrication and Support Services

Dear Istituto Nazionale di Oceanografia e di Geofisica Sperimentale:

The Applied Physics Laboratory is pleased to submit the following quote for SGX Seaglider fabrication and support services. Under the direction of Kyla Drushka, Research Scientist / Engineer Principal, APL-UW will inspect and refurbish one (1) Seaglider underwater vehicle (SG554). This will include replacing battery packs, sending the Aanderaa optode sensor for calibration, upgrading and testing the variable buoyancy device, upgrading the motherboard to RevE, installing a new RBRlegato conductivity-temperature-depth sensor, installing a new RBRtridente optical backscatter and fluorescence sensor, reballasting for customer-specified target density and thrust, and sea-testing. This quote also includes shipping of the gliders from Seattle, WA to Trieste, Italy.

The total cost estimated for APL-UW to perform the statement of work is \$87,610 USD (Net30). OGS will be responsible for paying any import duties.

Item	Service	Description	Qty	Price	Extension
1	Seaglider refurbishment	Inspection, battery change, reballast in saltwater tank, and sea-test	1	\$12,864	\$12,864
2	Battery set	Main and forward battery packs for 15V SG	1	\$6,690	\$6,690
3	Calibration: Aanderaa optode 4330	2-point calibration by YSI (USA)	1	\$1,336	\$1,336
4	VBD upgrade	Rebuild VBD with low-pressure boost pump, Swagelok fittings, mechanical shaft seal, series plumbing. Clean and polish main pump. Test rebuilt VBD with 200 pressure cycles to 1500 psi.	1	\$15,087	\$15,087
5	RevE upgrade	RevE upgrade: includes revE board, tailboard, cables, saddles, and reconfiguration	1	\$4,069	\$4,069

6	RBRlegato sensor integration	RBRlegato CTD sensor, cable, and integration/testing; modification to hatch cover	1	\$25,869	\$25,869
7	RBRtridente sensor and integration	RBRtridente 3-channel fluorescence and backscatter sensor, cable, mounting bracket, and integration/testing	1	\$18,585	\$18,585
8	Shipping, import fees, and handling	Shipping from Seattle to Italy	1	\$3,060	\$3,060
9	Foreign transaction fee	Fee for receiving international bank transfers	1	\$50	\$50
Total					\$87,610

Please contact Kyla Drushka (kdrushka@uw.edu) with any questions about the statement of work or to request any necessary revisions.

Should this quote be selected for funding, the resulting purchase order or similar agreement should be made out to the Applied Physics Laboratory, University of Washington, 1013 NE 40th Street, Seattle, WA 98105 and emailed to me (hovick@uw.edu), with kdrushka@uw.edu in cc, for review and acceptance.

Thank you for the opportunity to work with you on this project.

Sincerely,

Kathryn B. Hovick
Sr. Grant & Contract Administrator



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The total cost estimated for APL-UW to perform the statement of work is \$65,978 USD (Net30). OGS will be responsible for paying any import duties.

Item	Service	Description	Qty	Price	Extension
1	Seaglider refurbishment	Inspection, battery change, reballast in saltwater tank, and sea-test	1	\$12,864	\$12,864
2	Battery set	Main and forward battery packs for 15V SG	1	\$6,690	\$6,690
3	Calibration: CT sail	Seabird CT Sail calibration/recertification and minor repair	1	\$4,237	\$4,237
4	Calibration: Aanderaa optode 4831	2-point calibration by YSI (USA)	1	\$1,336	\$1,336
6	VBD upgrade	Rebuild VBD with low-pressure boost pump, Swagelok fittings, mechanical shaft seal, series plumbing. Clean and polish main pump. Test rebuilt VBD with 200 pressure cycles to 1500 psi.	1	\$15,087	\$15,087

7	RevE upgrade	RevE upgrade: includes revE board, tailboard, cables, saddles, and reconfiguration	1	\$4,069	\$4,069
7	RBRtridente sensor and integration	RBRtridente 3-channel fluorescence and backscatter sensor, cable, mounting bracket, and integration/testing	1	\$18,585	\$18,585
8	Shipping, import fees, and handling	Shipping from Seattle to Italy	1	\$3,060	\$3,060
9	Foreign transaction fee	Fee for receiving international bank transfers	1	\$50	\$50
Total					\$65,978

Please contact Kyla Drushka (kdrushka@uw.edu) with any questions about the statement of work or to request any necessary revisions.

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