



F & S Houseboats
 6345 Merced Falls Road
 Snelling, CA 95369
 530- 616-1442
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Customer:
 Lake Don Pedro community Services
 9751 Merced Falls Rd
 La Grange. CA 95329

Estimate:

Estimate #	1245
Date Issued:	
Boat Name:	
CF Number:	
Boat Size:	

Line #	Description of Work:	Qty:	Cost:	Total:
1	Cut out existing engine compartment to accommodate new vertical turbine pump (VTP) location. Cut out to size provided on drawings. (Note, old engine and generator will need to be removed, indicated on separate line item)	24	85	\$2,040.00
2	cut out hull access holes in aft starboard and port deck locations, this will allow for double sided welding on the new VTP boxes, and allow for a visual die check from both sides of new plate. Includes steel bolt on covers similar to existing hull access covers. includes steel covers and hardware	10	85	\$850.00
	Materials:	1	248.77	\$248.77
3	degrease / sand blast and clean up engine compartment cutouts to allow for new plate to be welded in	8	85	\$680.00
4	fabricate new VTP enclosures/ box following provided plans, includes all welding and pressure / die checks	40	85	\$3,400.00
	Materials:	1	1878.29	\$1,878.29
5	fabricate piano style hinge mounts for new VTP mounts, includes new hardware	16	85	\$1,360.00
	Materials:	1	328.09	\$328.09
6	test fit pump to new mounts, and remove for test launch to determine new float line, and any additional floatation requirements. (note all launch fees will be sub contracted through Twin Lakes, estimate does not include any transportation fees)	16	85	\$1,360.00

7	remove existing hull access man hole covers and perform visual inspection, perform ultrasonic testing at 25 locations, provide written report of hull inspection. Reinstall man hole covers	12	85	\$1,020.00
8	fabricate new transom mount for mercury 115 hp outboard engine. Includes tubing and plate needed for transom fabrication, includes providing cut out in aft deck for new engine, does not include engine box/ cover. Includes pre fabrication shop drawings for approval	24	85	\$2,040.00
		Materials: 1	534.62	\$534.62
9	cut off and remove old vent stacks, plate over any open holes/ vents in deck, perform die check on all welding	26	85	\$2,210.00
		Materials: 1	58.12	\$58.12
10	Prep top deck for Sonoguard vehicle traffic rated waterproof coating	32	85	\$2,720.00
11	Apply Sonoguard vehicle traffic rated waterproof coating to deck, includes primer, base coats, and top coats. Color is tan, includes rubber granule aggregate and all materials	34	85	\$2,890.00
		Materials: 1	3982.48	\$3,982.48
12	Fabricate mounts for hand crank winches located on aft deck to lift pumps for transport. Includes materials for mounts, and 2 winches and install. Does not include any anchor point or cable mount on pumps	6	85	\$510.00
		Materials: 1	1	\$403.47
13	Fabricate and install over head bridge crane according to provided plans. Vertical post, fixed girders, runway beam, and spanner beam will be fabricated, bridge trolley, hoist trolley, and hoist will be purchased and installed. Includes hardware, and installation. Note: advise increasing lower post mounts and adding gussets to post. larger base pad will eliminate the need for a below deck gusset to be added in for pad support. estimate does not include below deck / hull interior welding.	32	85	\$2,720.00
		Materials: 1	3754	\$3,754.00
14	Fabricate and install front work deck, estimate includes building to provided plans	30	85	\$2,550.00
		Materials: 1	2650	\$2,650.00

15	subcontractor to provide new 115 mercury outboard engine, includes trim/ key switch, control cables, prop., portable fuel tank, and steering ram. Includes installation, new gauges, hydraulic steering helm	1	13,200	\$13,200.00
16	subcontractor to provide sandblasting and recoating of hull. Underwater rated epoxy to be used, applied to manufactures specifications, includes clean up, and crib relocation.	800	5.75	\$4,600.00
17	Fabricate extra flotation pods that may be needed, .125" 5053 custom formed aluminum floats that would be installed under aft work deck. Includes installation.	24	85	\$2,040.00
		Materials: 1	1244.85	\$1,244.85
18	Fabricate custom aft anchor winch mounts to accommodate hand winches, does not include winches, need to verify with customer winch choice	6	85	\$510.00
19	final install of pumps, and electrical control box, includes removal of control box from old barge	16	85	\$1,360.00
20	miscellaneous supplies, marine epoxy, safety lights, hardware etc...	1	1200	\$1,200.00
21	subcontractor to remove old engines, and generator	40	90	\$3,600.00
22	<ul style="list-style-type: none"> * estimate only includes work mentioned, any additional items would be treated as a change order, does not include any repairs to hull of boat that may be found after sandblasting * does not include any transportation / launch fees *Allow +- 15-30% on material and labor cost, estimate does not include sales tax *start date week of 9-3-18, completion date week of 10-4-18 			

Subtotal:	\$67,942.69
Sales Tax:	
Total:	
Payments / Credits:	
Balance Due:	

Payment Structure:

Payment 1: \$10,000 due upon completion of lines 1,2,3,7, & 21

Payment 2: 50% labor progress payment

Payment 3: 75% labor progress payment

Payment 4: final payment due upon completion all work on estimate

Materials billed as delivered, full payment from materials invoice due within 7 business days from submitting invoice, in order to expedite project.

