



# CBP Air & Marine National Marine Center



## REPAIR INVOICE

DATE: 10/11/2022

SERVICE PROVIDER	AGENCY
CBP Air & Marine National Marine Center 71 Binninger Drive St Augustine, FL 32095    904-827-8431	Key West PD 272001 LT. Dave Black 305-797-9235

Refurb Key West Police vessel 272001

*Estimate good for 30 days from date of issuance*  
*\*Additional costs may be incurred for travel expenses depending on vessel location.*

DESCRIPTION OF WORK	HRS	RATE/ HR	EXTENDED TOTAL
<b>Conduct 300 Hour B-check on two 300 HP Mercury Verado engines</b>	10	\$90.00	\$ 900.00
Part Number	Part Description	QTY	Cost
8M0097859	SERVICE KIT, 300 HRS, VERADO	2	\$496.64
676619	OIL, ENGINE, VERADO, 1 GAL @ 3	4	\$49.26
35-893318T02	FILTER, AIR	2	\$95.28
680151	FILTER, FUEL, RACOR S3213	2	\$21.15
661171	POPPET VALVE ASSY	2	\$24.72
27-889561	GASKET, POPPET	2	\$1.95
			\$ -
Total Parts Cost			\$ 1,476.51
Shop Supplies			\$ 47.53
Total Cost			\$ 2,424.04

DESCRIPTION OF WORK	HRS	RATE/ HR	EXTENDED TOTAL
<b>Replace pedestal bushings on both engines</b>	20	\$90.00	\$ 1,800.00
Part Number	Part Description	QTY	Cost
8806621	BEARING	2	\$41.90
880661	SEAL	2	\$6.64
8806561	BEARING, THRUST	2	\$27.90
31-8806551	BEARING	2	\$23.07
895854	O RING S/S# 25-895854	1	\$1.71
17-821539	TRILOBE PIN	2	\$2.59
53-895304	RING, RETAINING, @ 4	2	\$3.00
31-880664 1	BEARING	4	\$3.12
53-8M0038931	RING, RETAINING	1	\$5.06
88238T23	CABLE ASSY	1	\$9.94
			\$ -
Total Parts Cost			\$ 239.39

Shop Supplies	\$ 40.79
Total Cost	\$ 2,080.18

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Replace the throttle body isolators on both engines</b>		2	\$90.00	\$ 180.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
8M0113513	ISOLATOR	2	\$52.09	\$ 104.17
54-815504256	CLAMP	2	\$9.24	\$ 18.48
54-888988016	CLAMP (96.5 MM)	2	\$3.83	\$ 7.66
888988027	CLAMP	2	\$18.95	\$ 37.91
				\$ -
Total Parts Cost				\$ 168.21
Shop Supplies				\$ 6.96
Total Cost				\$ 355.18

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Replace cowling latches on both engines</b>		2	\$90.00	\$ 180.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
8M0153959	CABLE, LATCH	1	\$67.09	\$ 67.09
17-888959	PIN, HINGE	1	\$9.36	\$ 9.36
888956	LATCH	1	\$19.71	\$ 19.71
24-895373	SPRING	1	\$1.30	\$ 1.30
8M0153958	CABLE, LATCH	4	\$62.21	\$ 248.82
24-888996	SPRING	4	\$10.30	\$ 41.18
23-896124	SLEEVE @ 4	4	\$6.25	\$ 24.99
10-40067 31	SCREW	8	\$1.23	\$ 9.86
53-27290	RING, RETAINING @ 2	4	\$0.53	\$ 2.11
53-61319	E RING	2	\$1.53	\$ 3.06
				\$ -
Total Parts Cost				\$ 427.48
Shop Supplies				\$ 12.15
Total Cost				\$ 619.63

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Replace the engine flush T-Fittings on both engines</b>		0.5	\$90.00	\$ 45.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
8M6003382	FITTING ASSY, FLUSH	2	\$15.25	\$ 30.49
54-88898008	CLAMP @ 2 (34.6 MM)	4	\$2.88	\$ 11.53
				\$ -
Total Parts Cost				\$ 42.02
Shop Supplies				\$ 1.74
Total Cost				\$ 88.76

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Inert vessel for welding</b>		6	\$90.00	\$ 540.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
	ARGON COVERED UNDER SHOP SUPPLIES			\$ -
				\$ -
				\$ -
Total Parts Cost				\$ -
Shop Supplies				\$ 210.80
Total Cost				\$ 750.80

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Weld crack in forward cabin</b>		2	\$90.00	\$ 180.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
				\$ -
				\$ -

			\$	-
		Total Parts Cost	\$	-
		Shop Supplies	\$	3.60
		Total Cost	\$	183.60

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Provide fire watch repairs</b>		1	\$90.00	\$ 90.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
				\$ -
				\$ -
				\$ -
		Total Parts Cost	\$	-
		Shop Supplies	\$	1.80
		Total Cost	\$	91.80

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Repower vessel with new 300 HP Mercury Verados</b>		50	\$90.00	\$ 4,500.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
13000107A	ENGINE, 300XXL V8 VERADO 5.44" 1.75 CAMBERED SKEG	1	\$24,007.20	\$ 24,007.20
13000109A	ENGINE, 300CXXL V8 VERADO 5.44" 1.75 CAMBERED SKEG	1	\$24,427.20	\$ 24,427.20
653536	HOSE KIT, RIGGING (FOR V8 USE 75102)	2	\$43.69	\$ 87.38
69952	MODULE, DTS, COMMAND VER 80	2	\$217.42	\$ 434.83
662350	HARNESS, DATA, 30 FT	2	\$189.81	\$ 379.62
642947	HUB KIT, HD PROP	2	\$123.59	\$ 247.17
681610	SEALANT, 5200, 3 OZ. BLACK	1	\$15.17	\$ 15.17
71191	GROMMET, INGRESS, CMS MODELS	2	\$8.54	\$ 17.07
67680	HARNESS, EXTENSION 72 IN FUEL FILTER	2	\$9.19	\$ 18.37
63385	FILTER BOWL, RACOR (W/MERCURY SENSOR HOLE)	2	\$71.74	\$ 143.48
679970	SENSOR	2	\$34.13	\$ 68.27
32-897643A01	HOSE KIT	1	\$62.15	\$ 62.15
				\$ -
		Total Parts Cost	\$	49,907.92
		Shop Supplies	\$	1,088.16
		Total Cost	\$	55,496.07

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Replace port and stbd collars</b>		16	\$90.00	\$ 1,440.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
COLR0026	RINO, 27' STBD, BLUE	1	\$11,186.98	\$ 11,186.98
COLR0027	RINO, 27' PORT, BLUE	1	\$11,186.98	\$ 11,186.98
CRAT	CUSTOM BUILT SHIPPING CRATE	1	\$4,317.14	\$ 4,317.14
COLL0003	ROD INSERT, 1.5 X 4 IN, UHMW	26	\$4.19	\$ 108.97
674731	ADHESIVE SEALANT, POLYURETHANE, 540 BLACK	20	\$6.58	\$ 131.56
				\$ -
		Total Parts Cost	\$	26,931.63
		Shop Supplies	\$	567.43
		Total Cost	\$	28,939.06

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Apply seam seal to collars</b>		20	\$90.00	\$ 1,800.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
674731	ADHESIVE SEALANT, POLYURETHANE, 540 BLACK	16	\$6.58	\$ 105.25
68793	TAPE, MASKING, 401+ GREEN, 2 IN	2	\$13.86	\$ 27.72
61355	FABRIC, GRAY, XDR, 19.5 IN X 65 FT ROLL (MIN BUY 4 ROLLS C	40	\$8.91	\$ 356.40
				\$ -
		Total Parts Cost	\$	489.37
		Shop Supplies	\$	45.79
		Total Cost	\$	2,335.16

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Paint bow of vessel flat black</b>		16	\$90.00	\$ 1,440.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
	PARTS COVERED UNDER SHOP SUPPLIES			\$ -
				\$ -
Total Parts Cost				\$ -
Shop Supplies				\$ 250.00
Total Cost				\$ 1,690.00

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Upgrade electronics package</b>		12	\$90.00	\$ 1,080.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
010-02092-03	GARMIN GPSMAP 8612XSV 12"	1	\$3,591.59	\$ 3,591.59
010-02585-00	GARMIN GMR FANTOM 24X DOME RADAR (WHITE)	1	\$2,627.99	\$ 2,627.99
010-01140-00	GARMIN GM120 COLOR INSTRUMENT DISPLAY	1	\$473.27	\$ 473.27
				\$ -
Total Parts Cost				\$ 6,692.84
Shop Supplies				\$ 155.46
Total Cost				\$ 7,928.30

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Replace Safe Boat seats with New Shockwave seats</b>		8	\$90.00	\$ 720.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
72183	SLIDER, FORE/AFT ADJUST	2	\$440.15	\$ 880.31
72182	LAP BELT FOR SW-S5-1210	3	\$153.35	\$ 460.05
72181	SEAT PACKAGE, CONSISTS OF SW-07823-B, SW-04920-HD	3	\$2,073.29	\$ 6,219.87
				\$ -
Total Parts Cost				\$ 7,560.23
Shop Supplies				\$ 165.60
Total Cost				\$ 8,445.84

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>R &amp; R non-skid</b>		50	\$90.00	\$ 4,500.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
634601	ADHESIVE REMOVER, CITRUS BASE	6	\$39.73	\$ 238.39
62345	NON SKID, KIT, 27 FT CBP SAFE BOAT	1	\$751.40	\$ 751.40
62349	EDGE SEALER, 3M SAFETY WALK	6	\$16.15	\$ 96.89
				\$ -
Total Parts Cost				\$ 1,086.68
Shop Supplies				\$ 111.73
Total Cost				\$ 5,698.41

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>R &amp; R A/C unit</b>		24	\$90.00	\$ 2,160.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
DCU47	AC UNIT, 27K BTU, 230V, SELF CONTAINED	1	\$5,124.60	\$ 5,124.60
PT-230VT-50/60-W	SEA WATER PUMP A/C	1	\$1,050.66	\$ 1,050.66
648501	A/C PANEL	1	\$238.93	\$ 238.93
74424	SOFT START MODULE	1	\$481.99	\$ 481.99
75166	STRAINER, 3/4 NPT STAINLESS STEEL	1	\$322.01	\$ 322.01
				\$ -
	(\$150 ADDED TO SHOP SUPPLIES TO COVER MISC. S/S FITTINGS AND HOSES)			\$ -
				\$ -
Total Parts Cost				\$ 7,218.19
Shop Supplies				\$ 330.00
Total Cost				\$ 9,708.19

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>R &amp; R generator</b>		42	\$90.00	\$ 3,780.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
5.0MCGA	GENERATOR, GASOLINE, 5KW	1	\$14,504.17	\$ 14,504.17
74097	PANEL, REMOTE START/STOP W/ANNUNCIATION, FOR GENER	1	\$237.75	\$ 237.75
74241	HARNESS, 15' WESTERBEKE	1	\$82.39	\$ 82.39
74098	HARNESS, 30' FOR 5.0MCGA GENERATOR	1	\$111.82	\$ 111.82
634326	TAPE, ELECTRICAL, 3/4 X 66' (ROLL)	1	\$10.12	\$ 10.12
634601	ADHESIVE REMOVER, CITRUS BASE	1	\$39.73	\$ 39.73
64226	GREASE, EXTREME (14 OZ)	1	\$9.20	\$ 9.20
71231	PIN KEEPER, INSULATION, ALUMINUM W/3M ADHESIVE BACK,	23	\$2.73	\$ 62.74
71230	INSULATION, VINYL FOAM HEAT SHIELD, 4.5' X 8'	1	\$528.47	\$ 528.47
71232	INSULATION DOME CAP, SILVER (ALUMINUM)	23	\$1.53	\$ 35.19
74031	BLOWER, DC CENTRIFUGAL, 12 VDC 4"	1	\$339.77	\$ 339.77
				\$ -
Total Parts Cost				\$ 15,961.36
Shop Supplies				\$ 394.83
Total Cost				\$ 20,136.18

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Cut and apply "Key West PD" graphics</b>		6	\$90.00	\$ 540.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
678498	VINYL, WHITE CONTROL TAC (NO PUNCH)	8	\$4.93	\$ 39.44
				\$ -
				\$ -
Total Parts Cost				\$ 39.44
Shop Supplies				\$ 11.59
Total Cost				\$ 591.03

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>R &amp; R zincs</b>		3	\$90.00	\$ 270.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
675491	ZINC ANODE, WELD-ON W/ ALUMINUM STRAP	2	\$42.26	\$ 84.52
				\$ -
				\$ -
Total Parts Cost				\$ 84.52
Shop Supplies				\$ 7.09
Total Cost				\$ 361.61

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>R &amp; R both start batteries (WE will also reconfigure battery wiring to comply with ABYC Standards)</b>		3	\$90.00	\$ 270.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
34M1050	BATTERY, OPTIMA, MARINE STARTING	2	\$353.09	\$ 706.18
68641	POWER POST PLUS, 3/8 INCH	1	\$13.68	\$ 13.68
				\$ -
				\$ -
Total Parts Cost				\$ 719.86
Shop Supplies				\$ 19.80
Total Cost				\$ 1,009.66

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
<b>Sea trial vessel</b>		6	\$90.00	\$ 540.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
				\$ -
				\$ -
				\$ -

Total Parts Cost	\$ -
Shop Supplies	\$ 10.80
Total Cost	\$ 550.80

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
Clean and prep vessel for delivery		8	\$90.00	\$ 720.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
				\$ -
				\$ -
				\$ -
		Total Parts Cost		\$ -
		Shop Supplies		\$ 14.40
		Total Cost		\$ 734.40

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
Final QA		3	\$90.00	\$ 270.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
				\$ -
				\$ -
				\$ -
		Total Parts Cost		\$ -
		Shop Supplies		\$ 5.40
		Total Cost		\$ 275.40

DESCRIPTION OF WORK		HRS	RATE/ HR	EXTENDED TOTAL
In process QA		18	\$90.00	\$ 1,620.00
Part Number	Part Description	QTY	Cost	EXT TOTAL
				\$ -
				\$ -
				\$ -
		Total Parts Cost		\$ -
		Shop Supplies		\$ 32.40
		Total Cost		\$ 1,652.40

**Outside Vendor**

VENDOR	DESCRIPTION OF WORK	EXTENDED TOTAL
Marine Chemist Co.	Certify vessel gas free for welding	\$ 675.00
		\$ -

TOTAL PARTS	\$ 119,056.44
TOTAL LABOR	\$ 29,565.00
SHOP SUPPLIES	\$ 3,535.85
TOTAL OUTSIDE SERVICE	\$ 675.00
AWARD FEE	\$ 60.75
SHIPPING AND HANDLING	\$ 3,500.00
<b>GRAND TOTAL</b>	<b>\$ 156,393.04</b>

Any B-check items estimated above are based on the preventative maintenance B-check service/inspection developed by GMSI and does not include any parts other than those associated with accepted preventative maintenance practices. The maintenance items addressed during these B-checks are available for reference and the completed check lists will be supplied to the agency's designated POC. This estimate does not include parts specific to unique vessels or repairs to or replacement of defective components discovered during the B-check service/inspection. **Discrepancies identified during any B-check service, inspection, repair or repower will be noted and reported to the POC for direction on resolving the problem(s) requiring resolution.** At the direction of the agency's POC, cost estimates for new discoveries will be developed and submitted for approval prior to further maintenance actions. **Estimate good for 30 days from date of issuance.**