

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30		1. REQUISITION NUMBER MA-PR615-20120649	PAGE OF 1 29
2. CONTRACT NO.	3. AWARD/ EFFECTIVE DATE See 31c	4. ORDER NUMBER DTMA-92-P-2012-0084	5. SOLICITATION NUMBER DTMA-92-Q-2012-0038
7. FOR SOLICITATION INFORMATION CALL:		a. NAME Monique Leake	b. TELEPHONE NUMBER (No collect calls) 7573225820
9. ISSUED BY U.S.DOT/ Maritime Administration Atlantic Div. Acquisition Office MAR-380-2 7737 Hampton Blvd Building 19 Suite 300 NORFOLK VA 23505-1204		10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE: % FOR: <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> 8(A) <input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> ECONOMICALLY DISADVANTAGED WOMEN-OWNED SMALL BUSINESS (EDWOSB) <input type="checkbox"/> 8(A) NAICS: 336611 SIZE STANDARD: 1,000	6. SOLICITATION ISSUE DATE 08/13/2012

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE	12. DISCOUNT TERMS	13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) <input type="checkbox"/>	13b. RATING
15. DELIVER TO TS KENNEDY Massachusetts Maritime Academy 101 Academy Drive Buzzards Bay MA 02532	CODE 00092-TS KENNEDY	16. ADMINISTERED BY U. S. DOT Maritime Administration Atlantic Div. Acquisition Office MAR-380.2 7737 Hampton Blvd Building 19 Suite 300 Norfolk VA 23505-1204	14. METHOD OF SOLICITATION <input checked="" type="checkbox"/> IRFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP

17a. CONTRACTOR/OFFEROR BAY STATE FIRE PROTECTION CORP. (DUNS #066587809) Attn: Bob Coleman 161R MERRIMAC ST WOBURN MA 01801 TELEPHONE NO. 781.935.5536	CODE 066587809	FACILITY CODE	18a. PAYMENT WILL BE MADE BY MARAD A/P INVOICES P.O.BOX 25710 OKLAHOMA CITY OK 73125	CODE AMZ-160 (US. MAIL)
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<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		<input type="checkbox"/> 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM	
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19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
0001	The purpose of this purchase order is for the vendor to provide all material and labor services required for the Inspection, Maintenance & Testing of Fire Extinguishing and Detection Systems onboard the T.S. KENNEDY in accordance with the attached Statement of Work and the Vendor's price quote submitted on 8/24/2012. Period of Performance: 09/05/2012 to 09/24/2012 Perform Annual Inspection, Maintenance & Testing Continued ... (Use Reverse and/or Attach Additional Sheets as Necessary)				1,566.00

25. ACCOUNTING AND APPROPRIATION DATA 70X1750SMR.2012.120SMP1070.0000160000.25711.61006600	26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$15,541.00
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<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.	<input checked="" type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.
<input type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.	<input checked="" type="checkbox"/> 29. AWARD OF CONTRACT: REF. <u>Solicitation</u> OFFER DATED <u>08/24/2012</u> . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR 	31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)
30b. NAME AND TITLE OF SIGNER (Type or print) Robert Coleman Sr. V. Pres.	31b. NAME OF CONTRACTING OFFICER (Type or print) Monique Leake
30c. DATE SIGNED 9/5/12	31c. DATE SIGNED 09/06/2012

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	of All Portable Fire Extinguishers in accordance with the attached Statement of Work (SOW)				
0002	Perform Annual Inspection, Maintenance & Testing of All Fixed CO2 Systems				3,975.00
0003	Carbon dioxide cylinders forming part of a fixed fire extinguishing system must be retested, at least, every 12 years, perform required testing.				4,500.00
0004	Perform Annual Inspection, Maintenance & Testing of The Kidde Smoke Detection System				500.00
0005	Perform Annual Inspection, Maintenance & Testing of The Ansul Galley Fire Suppression System				500.00
0006	SUPPLEMENTAL LABOR- The Contractor shall provide a stabilized hourly rate for up to 20 hours of additional time to complete emergent work.	20	HR	125.00	2,500.00
0007	SUPPLEMENTAL MATERIAL- The Contractor shall include in his pricing an allowance for up to \$2,000 in supplemental materials, to be Continued ...				2,000.00

32a. QUANTITY IN COLUMN 21 HAS BEEN

RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
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38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (<i>Print</i>)		
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT (<i>Location</i>)	
		42c. DATE REC'D (<i>YY/MM/DD</i>)	42d. TOTAL CONTAINERS

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DTMA-92-P-2012-0084

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NAME OF OFFEROR OR CONTRACTOR
BAY STATE FIRE PROTECTION CORP. (DUNS #066587809)

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>authorized by Delivery Order. Supplemental Materials may not be burdened.</p> <p>In order for an invoice to be processed for payment, it must include your Federal ID Number, Purchase Order Number, and Invoice Number. Without these numbers, your invoice will be returned and payment will be delayed.</p> <p>The total amount of award: \$15,541.00. The obligation for this award is shown in box 26.</p>				

TS KENNEDY - Inspection, Maintenance & Testing of Fire Extinguishing and Detection Systems

Background and Intent: The TS KENNEDY is a U.S. Maritime Administration (MARAD) training ship provided to the Massachusetts Maritime Academy for the purpose of training young men and women for a career in the U.S. Maritime Industry. It is the intent of this statement of work for the Contractor to provide all labor, materials and services to accomplish various inspections and testing to the firefighting and fire detection systems aboard TS KENNEDY. All work shall be performed in accordance with the requirements of the U.S. Coast Guard (USCG) and American Bureau of Shipping (ABS).

Location: All work shall be performed aboard the Training Ship KENNEDY which is moored alongside her pier at 101 Academy Drive, Buzzards Bay, MA 02532.

Period of Performance: This work shall begin on a mutually agreed date between MARAD, the Contractor and the TS KENNEDY'S Chief Mate after September 4, 2012. All work shall be completed prior to September 24, 2012.

1. CLIN 0001: Perform Annual Inspection, Maintenance & Testing of All Portable Fire Extinguishers

1.1. Intent & Description: It is the intent of this line item for the Contractor to provide all labor and materials necessary to accomplish all required inspections, maintenance and testing the 166 portable extinguishers listed below. The maintenance required to be performed is determined by the note in the "Status" column which indicates the manufactured (Mfg) date and/or last 6 year hydrostatic (Hydro) test date or recharge (rch) date . Each extinguisher with a date of 2006 or earlier will require a 6 year servicing and hydrostatic test. All other extinguishers will require an annual servicing and maintenance.

Item	Ship no.	Description/Serial #	Frame/Location	Status	Serial #
		Bridge Deck			
1	1	15#Co2	04-115-2 Wheelhouse	Hydro 07	V425765
2	2	10#ABC	04-115-2 Wheelhouse	6yr 08	372441
3	3	20#ABC	04-115-0 Chart room	6yr 08	847320
4	4	20#ABC	04-127-0 Passageway	6yr 07	847318
5	5	20#ABC	04-135-1 Ladderwell FS 1	6yr 08	410464
		Cabin Deck			
6	6	20#ABC	03-130-2 Passage port	6yr 07	847321
7	7	20#ABC	03-130-1 Passage stbd	6yr 08	847309
8	82	20#ABC	03-115-0 Passage fwd	6yr 08	849600
		Boat Deck			
9	8	20#ABC	02-127-2 Passage port	6yr 07	410441
10	9	20#ABC	02-129-1 Passage stbd	6yr 08	8473225
		Upper Deck			
11	10	20#ABC	01-129-2 Passage port	6yr 08	410483

12	11	20#ABC	01-129-1 Passage stbd	6yr 08	410486
		Main Deck			
13	12	10#ABC	1-118-2 Passage port	6yr 07/rch 09	372421
14	13	20#ABC	1-123-1 Passage stbd	6yr 07/rch 09	410465
15	15	10#ABC	1-140-1 Inside bakery stbd	6yr 08	372425
16	16	20#ABC	1-140-0 Outside bakery/galley	6yr 08	410449
		Upper Tween House			
17	17	20#ABC	2-135-2 Engine stores port	6yr 08	410476
18	18	20#ABC	2-135-1 Engine stores stbd	6yr 08/rch 09	410464
		Machinery Space			
19		20#ABC	FS 30 @ ladder near semi port	Hydro 06	441670
20	14	20#ABC	1-120-0 Main deck fwd	Hydro 05	441661
21		Co2 semi port 2 ea. 100 lb.. ea. hose reel	3-137-2 Operating platform 96626 298 lb.. 67098295l lb..	Hydro 02	Due 2012

22	31A	10#ABC	Engine operate station	6yr 04/rch 07	679387
23	19	20#ABC	4-127-1 Tank top ladder stbd	6yr 08	410497
24	20	20#ABC	4-129-2 Tank top ladder port	6yr 08	410466
		Fwd House # 4 Hold ARM			
25	51	20#ABC	4-98-0 Fwd ladder well	6yr 08	410471
26	51A	20#ABC	4-100-0 Fwd midship FS 51	6yr 08	410490
27	52	20#ABC	4-115-0Aft	6yr 08	410487
28	52A	20#ABC	4-115-0 Aft midship FS 50	6yr 07	849783
		Fwd house #4Hold lower tween			
29	46	20#ABC	3-97-0 Passage fwd	6yr 08	410444
30	47	20#ABC	3-109-0 Passage aft	6yr 08	410457
		Fwd House #4 Hold Upper Tween			
31	42	20#ABC	2-103-0 Passage fwd	6yr 08/rch 09	849616
32	43	20#ABC	2-86-0 Passage aft	6yr 08/rch	849768

				09	
		Fwd House #3 hold upper Tween			
34	40	20#ABC	2-78-0 Passage fwd	Hydro 05	608300
35	41	20#ABC	2-86-0 Passage aft	6yr 09	877842
		Fwd House #3 Hold Lower Tween			
36		20#ABC	3-73-2 passage	Mfg 09	765857
37		20#ABC	@ FS 66	Mfg 09	219395
38	45	20#ABC	3-82-0 Inside aft	6yr 08	411819
		Fwd House #3 Hold Tank Top			
39	48	20#ABC	4-71-0 Fwd ladderwell	6yr 08	410494
40	49	20#ABC	4-84-0 Inside Gym	6yr 07	410493
41	50	10#ABC	4-82-2 Cadet Laundry port	6yr 08	372415
		Fwd House Upper Deck			
42	32	20#ABC	01-80-0 Fwd passage	6yr 08	410509
43	33	20#ABC	01-95-0 Centerline passage	6yr 08	410484
		Fwd House Main Deck			
44	37	20#ABC	1-92-1 Passage	6yr 08	410459

			stbd		
45	36	20#ABC	1-80-2 Passage port fwd	6yr 07	410504
46	34	20#ABC	1-79-2 Inside computer lab	6yr 08	849610
47	35	20#ABC	1-79-2 Library	6yr 08	410505
48	38	20#ABC	1-90-2 Passage port	6yr 08	849778
49	39	20#ABC	1-107-0 Quarterdeck	6yr 08/rch 09	410499
		Foc'sle			
50	21	20#ABC	1-11-2 Bosuns stores	6yr 08	410490
51	81	20#ABC	1-20-2 Bow thruster room	6yr 08	849609
		#1Hold Main Deck			
52	57	20#ABC	1-42-2 Stbd Aft	6yr 08	849611
53	58	20#ABC		6yr 07	849621
54	56	20#ABC		6yr 08	410492
55	22	20#ABC	Port	6yr 08	410465
56	83	20#ABC		6yr 08/rch 09	410498
		#1HoldUpperTween			
57	30	20#ABC	2-42-1 Stbd aft	6yr 07	410488
		#2HoldUpperTween			

58	23	20#ABC	2-43-1 Stbd fwd	6yr 08	847320
59	24	20#ABC	2-43-2 Port fwd	6yr 08	410409
60	25	20#ABC	2-66-0 Port aft	6yr 08	410467
61	26	10#ABC	2-58-2 Port fwd of paint locker	6yr 08	372406
62	27	20#ABC	2-66-1 Stbd aft	Hydro 08	918643
63		20#ABC	Spare @ paint locker	6yr 08	847207
		#2HoldLowerTween			
64	28	20#ABC	3-66-0 Port Aft	6yr 07	410481
65	29	20#ABC	3-64-1 Stbd Aft	6yr 07	849784
		#2Hold Tank Top			
66	31	20#ABC	4-66-0 Mid ship aft	6yr 08	410495
		Aft House Upper			
67	59	20#ABC	01-162-1 Passage stbd	6yr 08	410485
68	60	20#ABC	01-162-0 Passage fwd	6yr 08	410473
69	61	10#ABC	01-174-1 Passage aft	6yr 08	847310
70	62	20#ABC	01-160-2 Passage port	6yr 08	410475
		Aft House Main			
71	63	10#ABC	1-150-0 Galley port	6yr 08	372436

72	64	20#ABC	1-157-2 mess fwd	Cadet	6yr 08	410500
73	65	20#ABC	1-189-1 mess aft	Cadet	6yr 08	849618
		5Hold Lower Tween				
74	75	20#ABC	3-157-1 training lab	Engine	6yr 07	410456
75	76	20#ABC	3-166-2 training lab	Engine	6yr 07	410458
76	73	20#ABC	3-144-0 training lab	Engine	6yr 08	410455
77	74	20#ABC	3-142-2 fwd	Vestibule	6yr 08	410448
		5Hold Upper Tween				
78	67	20#ABC	2-140-0 stores, fwd	Dry	6yr 08	849619
79	68	20#ABC	2-153-2 fwd	Passage	6yr 08	410474
80	66	10#ABC	2-152-2 machine shop	Inside	6yr 08	410479
81	69	20#ABC	2-169-0 aft	Passage	6yr 08	410468
		6Hold Lower Tween				
82	77	20#ABC	3-176-0 Fwd		6yr 08	410489
83	78	20#ABC	3-191-1 Aft		6yr 08	410453
		6Hold Upper Tween				
84	72	20#ABC	2-189-0	Aft	6yr 08	410482

			passage		
85	71	20#ABC	2-181-0 Mid ship passage	6yr 08	849622
86	70	20#ABC	2-177-0 Fwd passage	6yr 08	410469
		Aft Steering			
87	79	10#ABC	2-204-1 Rope locker	6yr 08	372413
88	80	20#ABC	2-200-2 Carpenter shop	6yr 08	410472
		Main Deck DC #2			
89		10#ABC		Hydro 08	679393
90		10#ABC		6yr 08	372423
91		10#ABC		6yr 08	372429
92		15#Co2		Hydro 05	33155
93		15#Co2		Hydro 06	47830
94		15#Co2		Hydro 08	111507
		DC@1-67-1			
95		10#ABC		6yr 08	372440
96		10#ABC		6yr 08	372438
97		10#ABC	1-67-1	6yr 06	372407
98		15#Co2	1-67-1	Hydro 06	93904

		DC@2-193-2			
99		10#ABC		6yr 08	372428
100		10#ABC		Hydro 04	026858
101		15#Co2		Hydro 06	V67719
		Main Deck DC#3			
102		15#Co2		Hydro 07	425760
103		10#ABC		6yr 05	336550
104		20#ABC		6yr 07/rch 09	410508
		Cabin Deck DC#5			
105		10#ABC		6yr 08	372424
106		10#ABC		6yr 08	372426
107		15#Co2		Hydro 06	134168
		Nav Lab 1			
108		15#Co2		Hydro 05	V213894
		Nav Lab 2			
109		20#ABC		6yr 08	849780
110		20#ABC		6yr 08	849611
		Spares Hold 1			
111		10#ABC		6yr 06	679385

112		10#ABC		6yr 05	188557
113		10#BC		6yr 09	629073
114		10#ABC		Hydro 04	164429
115		10#ABC		Hydro 04	101939
116		10#ABC		Hydro 09	679392
117		10#ABC		6yr 08	372427
118		10#ABC		Hydro 09	101942
119		10#ABC		6yr 09	372426
120		10#ABC		Hydro 04	217927
121		10#ABC		Hydro 05	358323
122		10#ABC		6yr 08	372436
123		10#ABC		6yr 08	372438
124		10#ABC		Hydro 04	802597
125		10#ABC		6yr 08	372430
126		10#ABC		Hydro 07	164430
127		10#ABC		Hydro 06	865933
128		10#ABC		6yr 07	372414
129		10#ABC		6yr 08	372418

130		10#ABC		Hydro 04	265098
131		20#ABC		6yr 08	265232
132		20#ABC		6yr 08	410502
133		20#ABC		6yr 08	410499
134		20#ABC		6yr 08/rch 09	847308
135		20#ABC		6yr 08	410470
136		20#ABC		6yr 07/rch 08	849782
137		20#ABC		6yr 06/rch 09	849779
138		20#ABC		6yr 09	410461
139		20#ABC		6yr 08/rch09	849614
140		20#ABC		6yr 08/rch 09	849620
141		20#ABC		6yr 07/rch 09	847311
142		20#BC		6yr 07/rch 09	547571
143		20#ABC		6yr 06	849615
144		20#ABC		6yr 08	410463

145		20#ABC		6yr 08	410480
146		15#Co2		Hydro 06	94071
147		15#Co2		Hydro 08	93077
148		15#Co2		Hydro 08	214038
149		5#ABC		6yr 08	040389
150		5#ABC		6yr 09	525285
		Spares 2 Hold			
151		20#ABC		6yr 06/rch 09	410501
		Life Boats			
152		5#ABC		Mfg 09	new
153		5#ABC		Mfg 09	new
154		5#ABC		6yr 09	525276
155		2.5#ABC		6yr 08	747036
156		2.5#ABC		6yr 09	743708
157		2.5#ABC		6yr 08	865102
158		2.5#ABC		6yr 08	747733
159		2.5#ABC		6yr 09	747119
160		2.5#ABC		6yr 08	747120
161		2.5#ABC		Mfg 08	807526
162		2.5#ABC		Mfg 08	705470

163		5#ABC		Mfg 08	04437
164		2.5#ABC		Mfg 08	763635
		Rescue Boat			
165		2.5#ABC		Mfg 08	785314
166		2.5#ABC		Mfg 08	806017

2. CLIN 0002: Perform Annual Inspection, Maintenance & Testing of All Fixed CO2 Systems:

2.1. Intent & Description: It is the intent of this line item for the Contractor to provide all labor and materials necessary to accomplish all required inspections, maintenance and testing of the following 11 fixed CO2 extinguishing systems consisting of a total of 76 cylinders. At a minimum, this testing will include the weighing and inspection of all cylinders, the testing of all pull boxes and cables, timers, shutdown switches, sirens, and the inspection of all hoses, piping and nozzles. The Contractor is responsible to demonstrate the satisfactory operation of all CO₂ systems to the attending USCG inspector. A list of serial numbers and hydrostatic dates of all fixed cylinders is provided below.

2.1.1. The Contractor shall hydrostatically test and tag 20 flexible cylinder hoses as identified by the COTR.

2.1.2. The ship's crew will be available to start and reset all ventilation fans, pumps and generators, as necessary, for the demonstration of their required shutdowns.

2.1.3. The Contractor shall provide 3 copies of all inspections, maintenance and testing records to the COTR on the appropriate NFPA forms.

TYPE: CO2 Fire Suppression

CONSISTING OF One (1) ea. cylinder, full @ 148 lb.. (tare 98), S/N 153740 Mfg 2011

AREA PROTECTED: Battery Locker, starboard main deck

CAPACITY OF EACH: 50 lb..

LOCATION CYLINDERS: in the space protected

TYPE & LOCATION OF RELEASE: remote manual at entrance to battery locker and automatic via rate of rise detector

Switch #	Aft Paint Locker	Location
1	Ventilation Shutdown	In UPS Room
2	Electrically actuated vent flap	In UPS Room

TYPE:CO2 Fire Suppression

CONSISTING OF: 61 ea. 100 lb. cylinders

AREA PROTECTED: Main Machinery Room

CAPACITY OF EACH 100 lb.

LOCATION CYLINDERS CO2 Room, Upper Tween Deck

TYPE & LOCATION OF RELEASE: Remote manual outside of MMR and local manual. Two (2) ea. pulls, cylinder release and directional valve.

Switch #	Main Machinery Space	Switch Location
1	Water Tight Door(s) 4 ea. and water tight magnetic Hold back J box.	CO2 room
2	Motor Drive FO Service	CO2 room
3	Turbine Drive FO Service Pump Shutdown	CO2 room
4	Machinery Space Ventilation	CO2 room
5	Starboard Forced Draft Blower Shutdown	CO2 room
6	Port Forced Draft Blower Shutdown	CO2 room

TYPE: CO2 Fire Suppression

CONSISTING OF: 36 ea. 100 lb.. cylinders (main bank 1 – 36)

AREA PROTECTED: Auxiliary Machinery Space

CAPACITY OF EACH 100 lb.

LOCATION CYLINDERS: CO2 Room, Upper Tween Deck

TYPE & LOCATION OF RELEASE: Remote manual outside of AMR @ 4-92-1 & local manual. Two ea. pulls, cylinder release and directional valve.

Switch #	Auxiliary Machinery Space	Location
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1	Water Tight Door(s) 4 ea. and water tight magnetic Hold back J box.	CO2 room
	Fuel oil booster controller	CO2 room
	Fuel oil booster motor starter #1	CO2 room
	Fuel oil booster motor starter #1	CO2 room
	Fuel oil purifier & Lube oil purifier	CO2 room
	Lube oil transfer pump controller	CO2 room

TYPE: CO2 Fire Suppression

CONSISTING OF 10 ea. 100 lb. cylinders (1 – 10 main bank)

AREA PROTECTED: Shaft Alley

CAPACITY OF EACH:100 lb.

LOCATION CYLINDERS: CO2 Room, Upper Tween Deck

TYPE & LOCATION OF RELEASE: Remote manual & Outside entrance of shaft alley & local manual. Two ea. pulls, for cylinder release and direction valve.

Switch #	Shaft Alley	Location
1	Water Tight Door(s)	CO2 Room

TYPE: CO2 Fire Suppression

CONSISTING OF: one (1) ea. 100 lb. CO2 cylinder

AREA PROTECTED: Data Logger Room

CAPACITY OF EACH: 100 lb.

LOCATION CYLINDERS:CO2 Room, Upper Tween Deck

TYPE & LOCATION OF RELEASE: Remote manual outside of Data Logger and local manual.

Switch #	Aft Paint Locker	Location
1	Ventilation Shutdown	Outside locker in passage
	Electrically actuated vent flap	

TYPE:CO2 Fire Suppression

CONSISTING OF: As designated in plan located in CO2 room.

AREA PROTECTED: Cargo Hold # 1 & Cargo Hold # 2

CAPACITY OF EACH:100 lb.

LOCATION CYLINDERS:CO2 Room, Upper Tween Deck

TYPE & LOCATION OF RELEASE Local manual, as assigned by FC Plan.

Switch #	Cargo Hold 1	Location
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1	Visual/Audible Strobe & compressor Upper Tween	CO2 Room
2	Visual/Audible Strobe Lower Tween	CO2 Room
3	Visual/Audible Strobe Tank Top	CO2 Room
Switch #	Cargo Hold 2	Location
1	Visual/Audible Strobe Upper Tween	CO2 Room
2	Visual/Audible Strobe Lower Tween	CO2 Room
3.	Visual/Audible Strobe Tank Top	CO2 Room

TYPE:CO2 Fire Suppression

CONSISTING OF:3 ea. 100 lb..

AREA PROTECTED: Forward Bosun's Stores

CAPACITY OF EACH: 100 lb.

LOCATION CYLINDERS: In space protected.

TYPE & LOCATION OF RELEASE: Remote manual at top of ladder to space, local manual and automatic via rate of rise detector.

Switch #	Aft Paint Locker	Location
1	Ventilation Shutdown	Outside locker in passage
	Electrically actuated vent flap	

TYPE: CO2 Fire Suppression

CONSISTING OF: 2 ea. 100 lb..

AREA PROTECTED: Emergency Diesel Generator Room Main Deck

CAPACITY OF EACH: 100 lb.

LOCATION CYLINDERS: Inside the space protected.

TYPE & LOCATION OF RELEASE Remote manual, Local manual, automatic via rate of rise (1)

Switch #	Emergency Diesel Generator Room Main Deck	Location
1	Ventilation Shutdown	Outside in passage
2	Diesel Engine Shutdown	Outside in passage
3	Electrically actuated vent flap	Outside in passage

TYPE: CO2 Fire Suppression

CONSISTING OF:2 ea. 100 lb..

AREA PROTECTED: Aft paint locker, lower tween.

CAPACITY OF EACH:100 lb..

LOCATION CYLINDERS: Outside of the paint locker

TYPE & LOCATION OF RELEASE Remote manual/local manual, automatic via rate of rise (1)

Switch #	Aft Paint Locker	Location
1	Ventilation Shutdown	Outside locker in passage
	Electrically actuated vent flap	

TYPE: CO2 Fire Suppression

CONSISTING OF: 2 ea. 75 lb..

AREA PROTECTED: Hold 2 Paint Locker Upper Tween

CAPACITY OF EACH: 75 lb..

LOCATION CYLINDERS: Inside the paint locker

TYPE & LOCATION OF RELEASE Remote manual/local manual, automatic via rate of rise (1)

Switch #	Hold 2 Paint Locker Upper Tween	Location
1	Ventilation Shutdown	Outside locker in passage
	Electrically actuated vent flap	

TYPE:CO2 Fire Suppression

CONSISTING OF:4 ea. CO2 cylinders

AREA PROTECTED: Fuel Transfer Room

CAPACITY OF EACH :100 lb..

LOCATION CYLINDERS: In AMR outside entrance to Fuel Transfer.

TYPE & LOCATION OF RELEASE Remote manual. Two ea. Pull, one for stop valve, one for cylinder release.

Switch #	Fuel Transfer Room	Location
1	Pump Shutdown	@ CO2 cylinders AMR

<u>Item</u>	<u>Description/Serial #</u>	<u>Full Weight lb.s.</u>	<u>Agent Weight</u>	<u>Status</u>	<u>Other</u>
	Main Co2 Bank Upper Tween				
1	61266	295	100	Hydro 01	
2	67051	298	100	Hydro 01	
3	96708	293	100	Hydro 01	
4	96820	292	100	Hydro 01	
5	67110	292	100	Hydro 01	
6	96782	288	100	Hydro 01	
7	67104	290	100	Hydro 01	

8	67103	290	100	Hydro 01	
9	67131 Shaft Alley Pilot	294	100	Hydro 01	
10	67116 Shaft Alley Pilot	298	100	Hydro 01	
11	67208	296	100	Hydro 01	
12	67173	295	100	Hydro 01	
13	67100	288	100	Hydro 01	
14	53013	290	100	Hydro 05	
15	67148 new valve & fill 2006	292	100	Hydro 05	
16	61493	290	100	Hydro 01	
17	67129	298	100	Hydro 01	
18	67118	296	100	Hydro 05	
19	61446	298	100	Hydro 01	
20	96758	298	100	Hydro 01	
21	67127	288	100	Hydro 01	
22	96621	290	100	Hydro 01	
23	67078	292	100	Hydro 01	
24	67091	292	100	Hydro 05	
25	67087	296	100	Hydro 05	
26	96606	290	100	Hydro 01	
27	67086	298	100	Hydro 01	
28	67151	296	100	Hydro 01	
29	96810	290	100	Hydro 01	
30	67111	292	100	Hydro 01	
31	61516 new valve/fill 2008	288	100	Hydro 08	
32	96485	290	100	Hydro 01	
33	67065 new valve & fill 2007	288	100	Hydro 07	
34	67196	292	100	Hydro 05	
35	67156 AMR Pilot	296	100	Hydro 01	
36	49508 AMR Pilot	294	100	Hydro 01	
37	96677	290	100	Hydro 01	
38	61320	288	100	Hydro 01	
39	61547 new fill/valve 2008	290	100	Hydro 08	
40	67189	298	100	Hydro 01	
41	69333	296	100	Hydro 01	
42	67161	290	100	Hydro 01	
43	30271	298	100	Hydro 01	
44	67120	292	100	Hydro 01	
45	67180	292	100	Hydro 01	
46	67136	294	100	Hydro 01	
47	66998	292	100	Hydro 01	
48	96622	294	100	Hydro 01	
49	61139	292	100	Hydro 01	
50	67067	292	100	Hydro 01	
51	61496	292	100	Hydro 01	
52	61438 new valve & fill 2006	288	100	Hydro 05	
53	61498	290	100	Hydro 05	

54	67178	290	100	Hydro 01	
55	67076	296	100	Hydro 01	
56	96440	290	100	Hydro 01	
57	67204	298	100	Hydro 05	
58	67186	292	100	Hydro 01	
59	67070 MMR Pilot	291	100	Hydro 01	
60	67194 MMR Pilot	294	100	Hydro 01	
61	67199 new valve & fill 2009	299	100	Hydro 09	
	Bosun' Stores Foc'sle				
1	001414 Pilot	297	100	Hydro 02	
2	67145 Pilot	296	100	Hydro 02	
3	66989	291	100	Hydro 02	
	EDG				
1	07165 Pilot	290	100	Hydro 01	
2	28721	292	100	Hydro 01	
	Fuel Transfer Room				
1	822272 Pilot	288	100	Hydro 00	
2	074851 Pilot	291	100	Hydro 10	
3	663767	296	100	Hydro 00	
4	153740	293	100	Hydro 11	
	Hold 2 Paint Locker				
1	H786917 Pilot	212	75	Hydro 11	
2	F7520820	211	75	Hydro 11	
	Aft Paint Locker				
1	287293 Pilot	289	100	Hydro 02	
2	96696	297	100	Hydro 08	
	Data Logger Room				
1	67133	294	100	Hydro 01	
	Battery Locker				
1	153740	148	50	Hydro 11	

3. CLIN 0003: Carbon dioxide cylinders forming part of a fixed fire extinguishing system must be retested, at least, every 12 years:

The Contractor shall provide all labor and material to perform the required 12 years testing (including hydrostatic test) for all cylinders listed in CLIN 0002 with a "Hydro "date of 02 or earlier.

Carbon dioxide cylinders forming part of a fixed fire extinguishing system must be retested, at least, every 12 years. If a cylinder is discharged and more than five years have elapsed since the last test, it must be retested before recharging.

Cylinder outlets should be fitted with safety covers or antirecoil devices, whenever the cylinder is not connected to the system piping.

High-pressure CO₂ cylinders must not be recharged without a hydrostatic test (and remarking) if more than 5 years have elapsed from the date of the last test. Cylinders continuously in service (or spares) without discharging may be permitted to be retained in service for a maximum of 12 years from the date of the last hydrostatic test. At the end of 12 years, they must be discharged and retested before being returned to service.

This pricing shall include all labor and materials to remove the cylinders from the vessel, remove the CO₂, test/inspect/service the valve assembly, recharge with the appropriate quantity of CO₂, and reinstall on the vessel.

For the purpose of bid pricing the offeror should use 55 each of 100# CO₂ bottles. The price invoiced will be based on the actual number of bottles tested.

55ea X \$ _____ . ____ = Total Bid Price for CLIN 003 \$ _____ . ____

4. CLIN 0004: Perform Annual Inspection, Maintenance & Testing of The Kidde Smoke Detection System:

4.1. Intent & Description: It is the intent of this line item for the Contractor to provide all labor and materials necessary to accomplish the annual inspection, maintenance and testing of the Kidde smoke detection system. Contractor shall be responsible to demonstrate the satisfactory operation of this system to the attending USCG inspector.

4.1.1. The Contractor shall test each of the following sensing lines for proper operation.

Cargo Hold 1 Upper Tween
Cargo Hold 1 Main Deck
Cargo Hold 1 Lower Tween

Cargo Hold 2 Tank Top
Cargo Hold 2 Lower Tween
Cargo Hold 2 Upper Tween
Data Logger Rm
Bos'n Stores

3.1.2 The Contractor shall inspect and clean the internals of the vacuum cabinet and indicator panel (located in the main CO2 room) and remote indicator panel (located on the bridge).

3.1.3 The Contractor shall provide 3 copies of all inspections, maintenance and testing records to the COTR on the appropriate NFPA forms.

4 CLIN 0004: Perform Annual Inspection, Maintenance & Testing of The Ansul Galley Fire Suppression System:

4.1 Intent & Description: It is the intent of this line item for the Contractor to provide all labor and materials necessary to accomplish the annual inspection, maintenance and testing of the Ansul fire suppression system to include the testing of all trips and the replacement of all fusible links with Contractor-furnished new links.

4.1.2 Contractor shall be responsible to demonstrate the satisfactory operation of this system to the attending USCG inspector.

5 The Contractor shall provide 3 copies of all inspections, maintenance and testing records to the COTR on the appropriate NFPA forms.

6 CLIN 0005: SUPPLEMENTAL LABOR

- 6.1 The Contractor shall provide a stabilized hourly rate for up to 20 hours of additional time to complete emergent work. Work requirements in excess of the basic tasking shall be requested of the COTR by Condition Report and authorized by the COTR via Delivery Order.

7 CLIN 0006: SUPPLEMENTAL MATERIAL

- 7.1 The Contractor shall include in his pricing an allowance for up to \$2,000 in supplemental materials, to be authorized by Delivery Order. Supplemental Materials may not be burdened, and the COTR is the only individual authorized to approve Supplemental Material expenditures.

The following FAR and Transportation Acquisition Manual (TAM) provisions and clauses apply to this solicitation and are incorporated by reference.

52.252-2 Clauses Incorporated by Reference

This contract incorporates one or more clauses by reference with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at the following Internet addresses:

Federal Acquisition Regulations (52.) <https://www.acquisition.gov/comp/far/current/html/FARTOCP52.html>

Transportation Acquisition Regulations (1252.) <http://www.dot.gov/ost/m60/tamtar/part1252.htm>

U.S. Maritime Administration Provisions and Clauses (MCL.) https://voa.marad.dot.gov/Solicitation_Awards/docs/mar-380/MARAD%20Clauses%20MCL%20for%20HTML.htm

52.212-4 Contract Terms and Conditions-Commercial Items;

52.212-5 Contract Terms and Conditions Required to Implement Statutes or Executive Orders - Commercial Items; within FAR Clause 521112-5(b) and (c), the following Items are designed by the Contracting Officer to apply to the solicitation:

52.219-28 Post-Award Small Business Program Representation.

52.222-3 Convict Labor,

52.222-19 Child Labor - Cooperation with Authorities and Remedies,

52.222-21 Prohibition of Segregated Facilities,

52.222-26 Equal Opportunity,

52.222-36 Affirmative Action for Workers with Disabilities, (Over 15K)

52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act (Over 25K)

52.225-13 Restrictions on Certain Foreign Purchases, and

52.232-33 Payment by Electronic Funds Transfer --Central Contractor Registration

52.222-41 Service Contract Act

52.223-18 Contractor Policy to Ban Text Messaging While Driving

1252.223-73 Seat Belt Use Policies and Programs

MCL.H-2 Supplemental Work Requests (Subparagraph (d)(10) is \$5,000.00)

MCL.H-3 Indemnity and Insurance

MCL.H.4 Indemnity and Insurance (Additional) (All limits up to \$5,000,000.00 are revised to \$1,000,000.00 for this solicitation)

MCL.H-6 Standards of Employee Conduct

MCL.H-10 Supplemental Growth Requirements
MCL.H-11 Disposition of Removed Equipment and Scrap
MCL.H-12 Maritime Liens, No Authority to Incur
MCL.L-2 Agency Protests

APPLICABLE SERVICE CONTRACT ACT WAGE DETERMINATION: The Service Contract Act wage determination applicable to this requirement is available online at the following address: <http://www.wdol.gov/wdol/scafiles/std/05-2259.txt>

DAMAGE TO GOVERNMENT FACILITIES: Damage to any facility, interior/exterior equipment, or systems caused by the contractor, as a result of work performed under this contract, shall be repaired by the contractor at his/her own expense. The contractor shall be required to repair or replace all items and components, to return the damaged area to its condition before the damage incident.

INVOICE SUBMISSION INSTRUCTIONS - MARAD

The Contractor may submit invoices in either electronic or paper format. Electronic submission is preferred.

(1) Electronic invoices shall be addressed to MARADInvoices@faa.gov, with copy to MARADSARInvoices@dot.gov

Electronic invoices shall conform to the following criteria, or be subject to rejection:

- a. Invoice and supporting documentation shall be in Adobe Acrobat (pdf) format.
- b. The e-mail subject shall include the contract/purchase order number and invoice number.
- c. The transmitting e-mail shall include the following information: Name of the Contractor; Invoice date and number; Invoice amount; Contract number and, if applicable, the order or modification number; Terms of any discount for prompt payment offered; Payment instructions (i.e., financial institution, ABA routing #, account #)

(2) Paper invoices shall be submitted to one of the following addresses. Multiple copies are not required.

MARAD A/P SAR Invoices Branch
AMZ-160
PO Box 25710
Oklahoma City, OK 73125

If a street address is required for delivery (i.e., Federal Express), the following address may be used in lieu of the post office box:

MARAD A/P SAR Invoices Branch
AMZ-160

6500 S MacArthur Blvd.
Oklahoma City, OK 73169