

N60200.AR.008992
NAS CECIL FIELD
5090.3a

FINAL WORK PLAN FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY AND
POTENTIAL SOURCE OF CONTAMINATION (PSC) SCREENING NAS CECIL FIELD FL
12/1/1990
ABB ENVIRONMENTAL



FINAL

WORK PLAN
REMEDIAL INVESTIGATION / FEASIBILITY
STUDY AND PSC SCREENING
NAS CECIL FIELD, FLORIDA

CONTRACT TASK ORDER NO. 0002
NAVY CLEAN - DISTRICT I
CONTRACT NO. N62467-89-D-0317

DECEMBER 1990

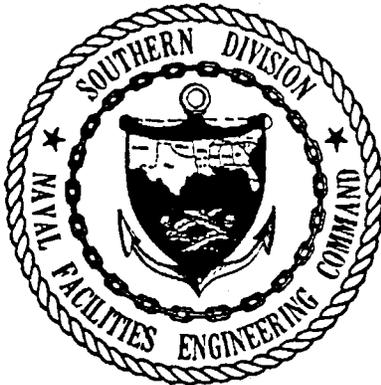


ABB Environmental Services, Inc.

ABB
ASEA BROWN BOVERI

NAVY CLEAN CONTRACT MONTHLY STATUS REPORT

Contract Task Order Number: 0002
Contract Task Order Site: NAS Cecil Field, Jacksonville, FL
Navy Engineer-In-Charge: Cliff Casey
Navy Contracting Officer: Dwight Cargile Code: 0233
ABB Project Manager: Barry Lester

Report Period: August 1992
Project Complete: September 30, 1992
Percent Physical Completion: 86%

1. PROGRESS MADE THIS REPORT PERIOD
 - No activity this period
2. DELIVERABLES
 - None.
3. OUTSTANDING ISSUES/RESOLUTION
 - A letter was submitted on 2 September 1992 requesting close out of this CTO and issuance of a new Scope Of Work (SOW) to develop workplans associated with OUs 3,4,5 and 6.
4. PROJECTED ACTIVITY NEXT PERIOD
 - None
5. SUBCONTRACTING ACTIONS
 - None.

EXHIBIT I
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 CTO 0002 LABOR & DIRECT EXPENSE SUMMARY
 PERIOD ENDING AUGUST 25, 1992

| LEVEL OF EFFORT | BILLABLE CURRENT PERIOD HOURS | BILLABLE PROJECT TO DATE HOURS | BILLABLE CURRENT PERIOD DOLLARS | BILLABLE PROJECT TO DATE DOLLARS | BOOKED CURRENT PERIOD DOLLARS |
|------------------------------|--|---|--|---|--|
| Accounting | 0.00 | 12.00 | 0.00 | 165.54 | 0.00 |
| Cad Operator/Sr Drafts | 0.00 | 126.10 | 0.00 | 1,736.67 | 0.00 |
| Contract Manager | 0.00 | 1.00 | 0.00 | 12.40 | 0.00 |
| Draftsperson | 0.00 | 109.90 | 0.00 | 967.06 | 0.00 |
| Engineer | 0.00 | 4.00 | 0.00 | 56.72 | 0.00 |
| Geologist | 0.00 | 56.50 | 0.00 | 1,001.95 | 0.00 |
| Health and Safety Manager | 0.00 | 2.00 | 0.00 | 48.00 | 0.00 |
| Hydrogeologist | 0.00 | 344.70 | 0.00 | 5,304.33 | 0.00 |
| Program Manager | 0.00 | 8.00 | 0.00 | 292.00 | 0.00 |
| Project Assistant | 2.00 | 266.30 | 19.72 | 2,682.16 | 19.72 |
| Quality Assurance Asst | 0.00 | 4.50 | 0.00 | 75.74 | 0.00 |
| Quality Assurance Manager | 1.00 | 14.20 | 15.80 | 315.00 | 15.80 |
| Senior Chemist | 0.00 | 9.00 | 0.00 | 186.92 | 0.00 |
| Senior Contract Manager | 0.00 | 1.00 | 0.00 | 26.23 | 0.00 |
| Senior Engineer | 0.00 | 171.00 | 0.00 | 3,765.64 | 0.00 |
| Senior Scientist | 0.00 | 506.00 | 0.00 | 11,158.10 | 0.00 |
| Task Order Manager | 6.00 | 858.00 | 180.96 | 20,760.40 | 184.62 |
| Technical Editor | 0.00 | 42.30 | 0.00 | 548.62 | 0.00 |
| Technical Expert | 0.00 | 179.80 | 0.00 | 6,280.95 | 0.00 |
| TOTAL LEVEL OF EFFORT | 9.00 | 2,716.30 | 216.48 | 55,384.43 | 220.14 |
| Clerical/Word Processing | 0.00 | 592.60 | 0.00 | 5,321.96 | 0.00 |
| TOTAL LABOR | 9.00 | 3,308.90 | 216.48 | 60,706.39 | 220.14 |

COST ELEMENTS

COST SUMMARY @ PROVISIONAL BILLING RATES

| | | | |
|--|--|---------------|------------------|
| DIRECT LABOR - UNBURDENED - ONSITE | | 216.48 | 60,706.39 |
| FRINGE BENEFITS @ 35.10% | | 75.99 | 75.99 |
| OVERHEAD @ 43.40% | | 126.94 | 126.94 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 8.40 | 8.40 |
| SUBTOTAL LABOR - BURDENED @ Provisional Rates | | 427.81 | 60,917.72 |
| TOTAL LABOR - BURDENED @ Provisional Rates | | 427.81 | 60,917.72 |

COST SUMMARY FOR CONTRACTUAL BILLING *

| | | | |
|--|--|---------------|-------------------|
| DIRECT LABOR - UNBURDENED - ONSITE | | 216.48 | 60,706.39 |
| FRINGE BENEFITS @ 35.10% | | 75.99 | 20,773.66 |
| OVERHEAD @ 43.40% | | 126.94 | 38,694.64 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 8.40 | 7,751.74 |
| SUBTOTAL LABOR - BURDENED for Contractual Billing | | 427.81 | 127,926.43 |
| TOTAL LABOR - BURDENED for Contractual Billing | | 427.81 | 127,926.43 |

EXHIBIT I
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 CTO 0002 LABOR & DIRECT EXPENSE SUMMARY
 PERIOD ENDING AUGUST 25, 1992

| LEVEL OF EFFORT | BILLABLE CURRENT PERIOD HOURS | BILLABLE PROJECT TO DATE HOURS | BILLABLE CURRENT PERIOD DOLLARS | BILLABLE PROJECT TO DATE DOLLARS | BOOKED CURRENT PERIOD DOLLARS |
|---|--|---|--|---|--|
| BILLING LESS PROVISIONAL DELTA | | | 0.00 | 67,008.71 | |
| * Rates are calculated as follows: 35.1% for Fringe is set; 2.0% for G&A is set; Overhead is calculated to contract ceiling of 2.38 | | | | | |
| DIRECT EXPENSES | | | | | |
| Airfare | | | | 776.00 | |
| Car Rental | | | 0.00 | 231.66 | |
| Commercial Transportation | | | 0.00 | 4,857.67 | |
| Company Vehicle Usage | | | 0.00 | 12.41 | |
| Computer | | | 6.82 | 3,071.67 | |
| Freight | | | 0.00 | 1,398.91 | |
| Hotels | | | 0.00 | 768.39 | |
| Meals | | | 0.00 | 64.96 | |
| Other Direct Expenses | | | 0.00 | 1,459.08 | |
| Per Diem | | | 0.00 | 479.38 | |
| Photo Copying | | | 0.00 | 3,804.85 | |
| Reproductions/Blueprints | | | 16.00 | 671.82 | |
| Telecopying | | | 0.00 | 140.00 | |
| Telephone Usage | | | 0.00 | 250.41 | |
| SUBTOTAL DIRECT EXPENSES | | | 22.82 | 17,987.21 | |
| SUBCONTRACTORS: | | | | | |
| Other Subcontractors | | | 0.00 | 179.76 | |
| TOTAL SUBCONTRACTORS | | | 0.00 | 179.76 | |
| TOTAL DIRECT EXPENSES/SUBCONTRACTORS - UNBURDENED | | | 22.82 | 18,166.97 | |
| GENERAL & ADMINISTRATIVE @ 2.00% | | | 0.46 | 1,270.42 | |
| TOTAL DIRECT EXPENSES - BURDENED | | | 23.28 | 19,437.39 | |
| RATE ADJUSTMENT | | | | | |
| TOTAL LABOR & DIRECT EXPENSES | | | 0.00 | 0.00 | |
| EARNED AWARD FEE | | | 451.09 | 147,363.82 | |
| | | | 0.00 | 6,216.43 | |
| GRAND TOTAL | | | 451.09 | 153,580.25 | |
| PROJECTED AWARD FEE | | | 45.11 | 4,352.61 | |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 1.0 PROGRESS REPORTS
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---|-------------|---------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Accounting | 0.00 | 0.00 | 12.00 | 165.54 |
| Geologist | 0.00 | 0.00 | 3.00 | 50.49 |
| Project Assistant | 2.00 | 19.72 | 81.30 | 801.64 |
| Quality Assurance Asst | 0.00 | 0.00 | 4.50 | 75.74 |
| Task Order Manager | 6.00 | 180.96 | 63.00 | 1,690.68 |
| TOTAL LEVEL OF EFFORT | 8.00 | 200.68 | 163.80 | 2,784.09 |
| Clerical/Word Processing | 0.00 | 0.00 | 5.30 | 47.20 |
| TOTAL LABOR | 8.00 | 200.68 | 169.10 | 2,831.29 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 200.68 | | 2,831.29 |
| FRINGE BENEFITS @ 35.10% | | 70.44 | | 991.04 |
| OVERHEAD @ 43.40% | | 117.67 | | 1,350.02 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 7.78 | | 316.86 |
| TOTAL COSTED LABOR | | 396.57 | | 5,489.21 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 63.95 |
| Computer | | 0.00 | | 10.27 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 74.22 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 74.22 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 91.02 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 165.24 |
| TOTAL LABOR AND DIRECT EXPENSES | | 396.57 | | 5,654.45 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 10.0 TRC/PM MEETINGS
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|-----------------------------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Technical Expert | 0.00 | 0.00 | 12.00 | 420.00 |
| Project Assistant | 0.00 | 0.00 | 22.00 | 251.60 |
| Program Manager | 0.00 | 0.00 | 8.00 | 292.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 42.00 | 963.60 |
| Clerical/Word Processing | 0.00 | 0.00 | 0.30 | 3.00 |
| TOTAL LABOR | 0.00 | 0.00 | 42.30 | 966.60 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 966.60 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 343.14 |
| OVERHEAD @ 43.40% | | 0.00 | | 533.07 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 105.04 |
| TOTAL COSTED LABOR | | 0.00 | | 1,947.85 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 18.90 |
| Hotels | | 0.00 | | 50.83 |
| Per Diem | | 0.00 | | 65.00 |
| Airfare | | 0.00 | | 518.00 |
| Car Rental | | 0.00 | | 123.62 |
| Other Direct Expenses | | 0.00 | | 7.00 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 783.35 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 783.35 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 44.65 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 828.00 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 2,775.85 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 11.0 RECRA/CERCLA COORDINATION
PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------|---------|-----------------|---------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| TOTAL LEVEL OF EFFORT | | | | |
| TOTAL LABOR | 0.00 | 0.00 | 0.00 | 0.00 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 0.00 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 0.00 |
| OVERHEAD @ 43.40% | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.00 |
| TOTAL COSTED LABOR | | 0.00 | | 0.00 |
| DIRECT EXPENSES | | | | |
| SUBTOTAL DIRECT EXPENSES | | | | |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.00 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 0.00 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 0.00 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 12.0 SCOPE WELL STUDY
PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---|---------------------------|-------------|-----------------|------------------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 21.50 | 331.78 |
| Draftsperson | 0.00 | 0.00 | 3.50 | 30.80 |
| Technical Expert | 0.00 | 0.00 | 143.80 | 5,030.70 |
| Geologist | 0.00 | 0.00 | 1.50 | 25.25 |
| Senior Scientist | 0.00 | 0.00 | 88.00 | 1,958.58 |
| Task Order Manager | 0.00 | 0.00 | 86.00 | 2,150.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 344.30 | 9,527.11 |
| Clerical/Word Processing | 0.00 | 0.00 | 58.40 | 496.06 |
| TOTAL LABOR | 0.00 | 0.00 | 402.70 | 10,023.17 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 10,023.17 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 3,366.21 |
| OVERHEAD @ 43.40% | | 0.00 | | 6,886.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 1,425.42 |
| TOTAL COSTED LABOR | | 0.00 | | 21,700.80 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 95.20 |
| Telecopying | | 0.00 | | 36.00 |
| Telephone Usage | | 0.00 | | 77.64 |
| Photo Copying | | 0.00 | | 30.00 |
| Computer | | 0.00 | | 1,090.20 |
| Commercial Transportation | | 0.00 | | 1,090.20 |
| Hotels | | 0.00 | | 209.28 |
| Meals | | 0.00 | | 38.96 |
| Per Diem | | 0.00 | | 20.00 |
| Other Direct Expenses | | 0.00 | | 44.63 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 2,732.11 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 2,732.11 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 189.51 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 2,921.62 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 12.0 SCOPE WELL STUDY
PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---------------------------------|-----------------------------|---------|-----------------|-----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 24,622.42 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 13.0 DOCUMENT CONVERSION
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Technical Expert | 0.00 | 0.00 | 2.00 | 70.00 |
| Project Assistant | 0.00 | 0.00 | 1.00 | 11.54 |
| Task Order Manager | 0.00 | 0.00 | 11.00 | 275.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 14.00 | 356.54 |
| Clerical/Word Processing | 0.00 | 0.00 | 62.80 | 571.33 |
| TOTAL LABOR | 0.00 | 0.00 | 76.80 | 927.87 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 927.87 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 307.31 |
| OVERHEAD @ 43.40% | | 0.00 | | 668.60 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 139.55 |
| TOTAL COSTED LABOR | | 0.00 | | 2,043.33 |
| DIRECT EXPENSES | | | | |
| Telephone Usage | | 0.00 | | 2.20 |
| Reproductions/Blueprints | | 0.00 | | 318.86 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 321.06 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 321.06 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 23.53 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 344.59 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 2,387.92 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 14.0 REVIEW CURRENT USE SITES
PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|-----------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 1.00 | 15.43 |
| Task Order Manager | 0.00 | 0.00 | 20.00 | 500.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 21.00 | 515.43 |
| TOTAL LABOR | 0.00 | 0.00 | 21.00 | 515.43 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 515.43 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 170.71 |
| OVERHEAD @ 43.40% | | 0.00 | | 371.41 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 77.52 |
| TOTAL COSTED LABOR | | 0.00 | | 1,135.07 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 13.50 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 13.50 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 13.50 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.99 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 14.49 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 1,149.56 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 2.0 REVIEW EXISTING INFO
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---|-------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Task Order Manager | 0.00 | 0.00 | 166.00 | 3,822.99 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 166.00 | 3,822.99 |
| TOTAL LABOR | 0.00 | 0.00 | 166.00 | 3,822.99 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 3,822.99 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 1,266.17 |
| OVERHEAD @ 43.40% | | 0.00 | | 2,754.76 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 574.96 |
| TOTAL COSTED LABOR | | 0.00 | | 8,418.88 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 38.32 |
| Photo Copying | | 0.00 | | 7.65 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 45.97 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 45.97 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 3.37 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 49.34 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 8,468.22 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 3.0 MAINTAIN ADMIN RECORD
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------|-----------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Draftsperson | 0.00 | 0.00 | 2.00 | 17.60 |
| Project Assistant | 0.00 | 0.00 | 42.50 | 492.19 |
| Senior Contract Manager | 0.00 | 0.00 | 1.00 | 26.23 |
| Senior Scientist | -32.00 | -724.80 | 0.00 | 0.00 |
| Task Order Manager | 0.00 | 0.00 | 68.50 | 1,573.69 |
| TOTAL LEVEL OF EFFORT | -32.00 | -724.80 | 114.00 | 2,109.71 |
| TOTAL LABOR | -32.00 | -724.80 | 114.00 | 2,109.71 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | -724.80 | | 2,109.71 |
| FRINGE BENEFITS @ 35.10% | | -254.40 | | 707.10 |
| OVERHEAD @ 43.40% | | -424.97 | | 1,460.80 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | -28.08 | | 302.63 |
| TOTAL COSTED LABOR | | -1,432.25 | | 4,580.24 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 47.50 |
| Commercial Transportation | | 0.00 | | 1,040.72 |
| Hotels | | 0.00 | | 205.44 |
| Per Diem | | 0.00 | | 182.00 |
| Car Rental | | 0.00 | | 108.04 |
| Other Direct Expenses | | 0.00 | | 120.80 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 1,704.50 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 1,704.50 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 110.90 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 1,815.40 |
| TOTAL LABOR AND DIRECT EXPENSES | | -1,432.25 | | 6,395.64 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 4.0 SITE MANAGEMENT PLAN
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---|---------------------------|-------------|-----------------|-----------------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Project Assistant | 0.00 | 0.00 | 3.00 | 34.62 |
| Task Order Manager | 0.00 | 0.00 | 39.00 | 975.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 42.00 | 1,009.62 |
| Clerical/Word Processing | 0.00 | 0.00 | 1.50 | 13.64 |
| TOTAL LABOR | 0.00 | 0.00 | 43.50 | 1,023.26 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 1,023.26 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 339.50 |
| OVERHEAD @ 43.40% | | 0.00 | | 732.27 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 152.78 |
| TOTAL COSTED LABOR | | 0.00 | | 2,247.81 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 9.50 |
| Other Direct Expenses | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 9.50 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 9.50 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.54 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 10.04 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 2,257.85 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 5.0 REVIEW/REVISE RI/FS WP
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|----------------------------------|---------------------------|-----------------|-----------------|------------------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 44.00 | 615.63 |
| Draftsperson | 0.00 | 0.00 | 100.40 | 883.46 |
| Engineer | 0.00 | 0.00 | 4.00 | 56.72 |
| Technical Expert | 0.00 | 0.00 | 20.50 | 707.75 |
| Geologist | 0.00 | 0.00 | 51.00 | 909.82 |
| Health and Safety Manager | 0.00 | 0.00 | 2.00 | 48.00 |
| Project Assistant | 0.00 | 0.00 | 108.70 | 1,006.56 |
| Quality Assurance Manager | 1.00 | 15.80 | 14.20 | 315.00 |
| Senior Chemist | 0.00 | 0.00 | 7.00 | 145.38 |
| Senior Engineer | 0.00 | 0.00 | 171.00 | 3,765.64 |
| Senior Scientist | 32.00 | 724.80 | 402.00 | 8,853.28 |
| Technical Editor | 0.00 | 0.00 | 33.30 | 445.96 |
| Task Order Manager | 0.00 | 0.00 | 352.50 | 8,514.51 |
| TOTAL LEVEL OF EFFORT | 33.00 | 740.60 | 1,310.60 | 26,267.71 |
| Clerical/Word Processing | 0.00 | 0.00 | 362.70 | 3,284.93 |
| TOTAL LABOR | 33.00 | 740.60 | 1,673.30 | 29,552.64 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 740.60 | | 29,552.64 |
| FRINGE BENEFITS @ 35.10% | | 259.95 | | 10,273.38 |
| OVERHEAD @ 43.40% | | 434.24 | | 17,860.34 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 28.70 | | 3,401.87 |
| TOTAL COSTED LABOR | | 1,463.49 | | 61,088.23 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 831.93 |
| Telecopying | | 0.00 | | 28.00 |
| Company Vehicle Usage | | 0.00 | | 12.41 |
| Telephone Usage | | 0.00 | | 4.68 |
| Photo Copying | | 16.00 | | 3,431.95 |
| Computer | | 6.82 | | 326.80 |
| Commercial Transportation | | 0.00 | | 583.83 |
| Hotels | | 0.00 | | 18.60 |
| Per Diem | | 0.00 | | 11.38 |
| Other Direct Expenses | | 0.00 | | 1,115.74 |
| SUBTOTAL DIRECT EXPENSES | | 22.82 | | 6,365.32 |
| SUBCONTRACTORS: | | | | |
| Other Subcontractors | | 0.00 | | 179.76 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 179.76 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 5.0 REVIEW/REVISE RI/FS WP
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------|----------|-----------------|-----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 22.82 | | 6,545.08 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.46 | | 405.82 |
| TOTAL DIRECT EXPENSES | | 23.28 | | 6,950.90 |
| TOTAL LABOR AND DIRECT EXPENSES | | 1,486.77 | | 68,039.13 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 6.0 REVISE PSC WORK PLAN
PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Senior Chemist | 0.00 | 0.00 | 2.00 | 41.54 |
| Task Order Manager | 0.00 | 0.00 | 17.50 | 340.75 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 19.50 | 382.29 |
| Clerical/Word Processing | 0.00 | 0.00 | 14.80 | 135.22 |
| TOTAL LABOR | 0.00 | 0.00 | 34.30 | 517.51 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 517.51 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 172.58 |
| OVERHEAD @ 43.40% | | 0.00 | | 364.53 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 75.76 |
| TOTAL COSTED LABOR | | 0.00 | | 1,130.38 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 2.14 |
| Telecopying | | 0.00 | | 6.00 |
| Computer | | 0.00 | | 275.20 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 283.34 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 283.34 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 17.71 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 301.05 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 1,431.43 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 7.0 PREPARE AMENDMENTS PSC WP
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|--------------------------|---------|-----------------|---------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| TOTAL LEVEL OF EFFORT | | | | |
| TOTAL LABOR | 0.00 | 0.00 | 0.00 | 0.00 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 0.00 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 0.00 |
| OVERHEAD @ 43.40% | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.00 |
| TOTAL COSTED LABOR | | 0.00 | | 0.00 |
| DIRECT EXPENSES | | | | |
| SUBTOTAL DIRECT EXPENSES | | | | |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.00 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 0.00 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 0.00 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 8.0 REVISE CRP
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|-----------------------------|-------------|-----------------|------------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 10.60 | 126.05 |
| Contract Manager | 0.00 | 0.00 | 1.00 | 12.40 |
| Draftsperson | 0.00 | 0.00 | 4.00 | 35.20 |
| Technical Expert | 0.00 | 0.00 | 1.50 | 52.50 |
| Hydrogeologist | 0.00 | 0.00 | 344.70 | 5,304.33 |
| Project Assistant | 0.00 | 0.00 | 7.80 | 84.01 |
| Technical Editor | 0.00 | 0.00 | 9.00 | 102.66 |
| Task Order Manager | 0.00 | 0.00 | 26.50 | 676.50 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 405.10 | 6,393.65 |
| Clerical/Word Processing | 0.00 | 0.00 | 86.80 | 770.58 |
| TOTAL LABOR | 0.00 | 0.00 | 491.90 | 7,164.23 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 7,164.23 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 2,392.17 |
| OVERHEAD @ 43.40% | | 0.00 | | 5,022.55 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 1,043.33 |
| TOTAL COSTED LABOR | | 0.00 | | 15,622.28 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 266.72 |
| Telecopying | | 0.00 | | 70.00 |
| Telephone Usage | | 0.00 | | 165.34 |
| Photo Copying | | 0.00 | | 335.25 |
| Computer | | 0.00 | | 1,369.20 |
| Commercial Transportation | | 0.00 | | 2,080.32 |
| Hotels | | 0.00 | | 204.15 |
| Per Diem | | 0.00 | | 175.00 |
| Other Direct Expenses | | 0.00 | | 170.91 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 4,836.89 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 4,836.89 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 335.79 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 5,172.68 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 8.0 REVISE CRP
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---------------------------------|---------|---------|-----------------|-----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 20,794.96 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 9.0 IMPLEMENT COMMUN RELATION
 PERIOD ENDING AUGUST 25, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 49.00 | 647.78 |
| Draftsperson | 0.00 | 0.00 | 0.00 | 0.00 |
| Geologist | 0.00 | 0.00 | 1.00 | 16.39 |
| Senior Scientist | 0.00 | 0.00 | 16.00 | 346.24 |
| Task Order Manager | 0.00 | 0.00 | 8.00 | 241.28 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 74.00 | 1,251.69 |
| TOTAL LABOR | 0.00 | 0.00 | 74.00 | 1,251.69 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 1,251.69 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 444.35 |
| OVERHEAD @ 43.40% | | 0.00 | | 690.29 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 136.02 |
| TOTAL COSTED LABOR | | 0.00 | | 2,522.35 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 11.25 |
| Telephone Usage | | 0.00 | | 0.55 |
| Reproductions/Blueprints | | 0.00 | | 352.96 |
| Commercial Transportation | | 0.00 | | 62.60 |
| Hotels | | 0.00 | | 80.09 |
| Meals | | 0.00 | | 26.00 |
| Per Diem | | 0.00 | | 26.00 |
| Airfare | | 0.00 | | 258.00 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 817.45 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 817.45 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 46.59 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 864.04 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 3,386.39 |

EXHIBIT II
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CTO 0002 COST SUMMARY
 CONTRACT N62467-89-D-0317
 PERIOD ENDING AUGUST 25, 1992

| TASK | DESCRIPTION | UIC | FUNDING CODE | STATUS | PERCENT EXPENDED | REPORTING PERIOD | PROJECT TO DATE | ESTIMATED AUTH. BUDGET | ESTIMATE AT COMPLETION | MOD NO. | COST VARIANCE | PERCENT VARIANCE | NOTE | | | | |
|-----------------|---------------------------|--------|--------------|--------|------------------|------------------|-----------------|------------------------|------------------------|---------|---------------|------------------|------------|------------|------------|-----------|-------|
| 1.0 | PROGRESS REPORTS | N60200 | DERA | OPEN | 66.15% | 396.57 | 5,654.45 | 8,548.00 | 8,548.00 | | 0.00 | 0.00% | X | | | | |
| 10.0 | TRC/PM MEETINGS | N60200 | DERA | CLOSED | 15.40% | 0.00 | 2,775.85 | 18,021.00 | 2,776.00 | | -15,245.00 | -84.60% | X | | | | |
| 11.0 | RECRA/CERCLA COORDINATION | N60200 | DERA | OPEN | 0.00% | 0.00 | 0.00 | 2,742.00 | 2,742.00 | | 0.00 | 0.00% | X | | | | |
| 12.0 | SCOPE WELL STUDY | N60200 | DERA | CLOSED | 99.93% | 0.00 | 24,622.42 | 24,640.00 | 24,622.00 | | -18.00 | -0.07% | X | | | | |
| 13.0 | DOCUMENT CONVERSION | N60200 | DERA | CLOSED | 54.67% | 0.00 | 2,387.92 | 4,368.00 | 2,388.00 | | -1,980.00 | -45.33% | X | | | | |
| 14.0 | REVIEW CURRENT USE SITES | N60200 | DERA | CLOSED | 34.24% | 0.00 | 1,149.56 | 3,357.00 | 1,149.00 | | -2,208.00 | -65.77% | X | | | | |
| 2.0 | REVIEW EXISTING INFO | N60200 | DERA | CLOSED | 83.05% | 0.00 | 8,468.22 | 10,196.00 | 8,468.00 | | -1,728.00 | -16.95% | X | | | | |
| 3.0 | MAINTAIN ADMIN RECORD | N60200 | DERA | CLOSED | 74.86% | -1,432.25 | 6,395.64 | 8,543.00 | 6,396.00 | | -2,147.00 | -25.13% | X | | | | |
| 4.0 | SITE MANAGEMENT PLAN | N60200 | DERA | CLOSED | 101.20% | 0.00 | 2,257.85 | 2,231.00 | 2,258.00 | | 27.00 | 1.21% | X | | | | |
| 5.0 | REVIEW/REVISE RI/FS WP | N60200 | DERA | OPEN | 191.45% | 1,486.77 | 68,039.13 | 35,539.00 | 68,000.00 | | 32,461.00 | 91.34% | X | | | | |
| 6.0 | REVISE PSC WORK PLAN | N60200 | DERA | OPEN | 20.59% | 0.00 | 1,431.43 | 6,953.00 | 6,953.00 | | 0.00 | 0.00% | X | | | | |
| 7.0 | PREPARE AMENDMENTS PSC WP | N60200 | DERA | OPEN | 0.00% | 0.00 | 0.00 | 10,199.00 | 10,199.00 | | 0.00 | 0.00% | X | | | | |
| 8.0 | REVISE CRP | N60200 | DERA | CLOSED | 214.03% | 0.00 | 20,794.96 | 9,716.00 | 20,795.00 | | 11,079.00 | 114.03% | X | | | | |
| 9.0 | IMPLEMENT COMMUN RELATION | N60200 | DERA | OPEN | 27.46% | 0.00 | 3,386.39 | 12,334.00 | 3,922.00 | | -8,412.00 | -68.20% | X | | | | |
| CTO SUBTOTAL | | | | | | | | | | | 93.63% | 451.09 | 147,363.82 | 157,387.00 | 169,216.00 | 11,829.00 | 7.52% |
| RATE ADJUSTMENT | | | | | | | | | | | 0.00 | 0.00 | | | | | |
| AWARD FEE | | | | | | | | | | | 0.00 | 0.00 | 6,216.43 | 15,503.00 | 15,503.00 | | |
| CTO TOTAL | | | | | | | | | | | 451.09 | 153,580.25 | 172,890.00 | 184,719.00 | | | |

TASK VARIANCE NOTE

- 1.0 Changes in project scope for this CTO is expected to increase. New SOW will be required to prepare new Workplan.
- 10.0 Fewer number of TRC/PM meetings were held than anticipated. Labor hours shifted to support other tasks.
- 11.0 Not executed as of yet. EPA and FDER issues are also being reviewed under CTO#035.
- 13.0 This level of effort was expended writing the workplan Task #5.
- 14.0 Same as task 13.

EXHIBIT II
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CTO 0002 COST SUMMARY

| TASK | VARIANCE NOTE |
|------|---|
| 2.0 | Same as task 13. |
| 5.0 | Regulatory comments were greater than anticipated and the level of effort increased. IDW management plan also prepared under this Task. New SOW required. |
| 8.0 | Original SOW was for revision of an existing CRP. ABB-ES was required to develop a new CRP constituting a new scope. |
| 9.0 | This level of effort is currently being accomplished under CTO#035. Labor hours shifted to support other tasks. |

EXHIBIT III
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CTO 0002 LABOR HOUR SUMMARY
 CONTRACT N62467-89-D-0317
 PERIOD ENDING AUGUST 25, 1992

| TASK | DESCRIPTION | UIC | FUNDING CODE | STATUS | PERCENT EXPENDED | REPORTING PERIOD | PROJECT TO DATE | ESTIMATED BUDGET | ESTIMATE AT COMPLETION | MOD NO. | HOUR VARIANCE | PERCENT VARIANCE |
|-----------|---------------------------|--------|--------------|--------|------------------|------------------|-----------------|------------------|------------------------|---------|---------------|------------------|
| 1.0 | PROGRESS REPORTS | N60200 | DERA | OPEN | 112.73% | 8.00 | 169.10 | 150 | 200 | | 50 | 33.33% |
| 10.0 | TRC/PM MEETINGS | N60200 | DERA | CLOSED | 15.55% | 0.00 | 42.50 | 272 | 42 | | -230 | -84.56% |
| 11.0 | RECRA/CERCLA COORDINATION | N60200 | DERA | OPEN | 0.00% | 0.00 | 0.00 | 48 | 48 | | 0 | 0.00% |
| 12.0 | SCOPE WELL STUDY | N60200 | DERA | CLOSED | 100.68% | 0.00 | 402.70 | 400 | 403 | | 3 | 0.75% |
| 13.0 | DOCUMENT CONVERSION | N60200 | DERA | CLOSED | 80.00% | 0.00 | 76.80 | 96 | 77 | | -19 | -19.79% |
| 14.0 | REVIEW CURRENT USE SITES | N60200 | DERA | CLOSED | 23.86% | 0.00 | 21.00 | 88 | 21 | | -67 | -76.14% |
| 2.0 | REVIEW EXISTING INFO | N60200 | DERA | CLOSED | 98.81% | 0.00 | 166.00 | 168 | 166 | | -2 | -1.19% |
| 3.0 | MAINTAIN ADMIN RECORD | N60200 | DERA | CLOSED | 71.25% | -32.00 | 114.00 | 160 | 146 | | -14 | -8.75% |
| 4.0 | SITE MANAGEMENT PLAN | N60200 | DERA | CLOSED | 90.63% | 0.00 | 43.50 | 48 | 44 | | -4 | -8.33% |
| 5.0 | REVIEW/REVISE RI/FS WP | N60200 | DERA | OPEN | 237.68% | 33.00 | 1,673.30 | 704 | 1,672 | | 968 | 137.50% |
| 6.0 | REVISE PSC WORK PLAN | N60200 | DERA | OPEN | 28.58% | 0.00 | 34.30 | 120 | 120 | | 0 | 0.00% |
| 7.0 | PREPARE AMENDMENTS PSC WP | N60200 | DERA | OPEN | 0.00% | 0.00 | 0.00 | 200 | 200 | | 0 | 0.00% |
| 8.0 | REVISE CRP | N60200 | DERA | CLOSED | 227.73% | 0.00 | 491.90 | 216 | 492 | | 276 | 127.78% |
| 9.0 | IMPLEMENT COMMUN RELATION | N60200 | DERA | OPEN | 28.91% | 0.00 | 74.00 | 256 | 74 | | -182 | -71.09% |
| CTO TOTAL | | | | | | | | | | | | |
| | | | | | | 9.00 | 3,308.90 | 2,926 | 3,705 | | 779 | 26.62% |

SF 1034: PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

 ACCOUNTING CLASSIFICATION

CTO 0002-0015

| CTO | ACRN/ APPRO SUBHD | AWARD AMOUNT | AMOUNT OF INVOICE | BILLED TO DATE | BALANCE REMAINING | % CONTR COMPL |
|--------------------|-------------------------|-----------------|-------------------------|----------------------|----------------------|---------------------|
| 0002/01 | AJ-1711804 | 157,387.00 | 1,361.76 | 141,893.50 | 15,493.50 | |
| TOTAL DIRECT COSTS | | \$157,387.00 | \$1,361.76 | \$141,893.50 | \$15,493.50 | 90.16% |
| 0002/01 | AD-1711804 | 15,503.00 | 0.00 | | | |
| TOTAL AWARD FEE | | \$15,503.00 | \$0.00 | | | |
| TOTAL CTO | | \$172,890.00 | | | | |

Standard Form 1035
September 1973
4 Treasury FRM 2000
1035-110

PUBLIC VOUCHER FOR PURCHASES AND
SERVICES OTHER THAN PERSONAL
CONTINUATION SHEET

VOUCHER NO.
CTO 0002-0015
SCHEDULE NO.
SHEET NO.
1 OF 3

U. S. DEPARTMENT, BUREAU, OR ESTABLISHMENT
Southern Division, Naval Facilities Engineering Command

| Number and Date of Order | Date of Delivery of Service | ARTICLES OF SERVICES (Enter description, item number of contract or Federal supply schedule and other information deemed necessary) | Quan- tity | UNIT | | PRICE | Amount |
|-----------------------------|-----------------------------------|--|--------------------------------------|------|-----|---|--------|
| | | | | Cost | Ref | | |
| | | <p>ABB Environmental Services, Inc. 2571 Executive Center Circle E., Suite 100 Tallahassee, Florida 32301</p> <p>CONTRACT N62467-89-D-0317 CTO 0002 SUMMARY ANALYSIS OF CLAIMED CURRENT AND CUMULATIVE COSTS AND FEE EARNED FOR THE PERIOD APRIL 29, 1992 THROUGH MAY 29, 1992</p> | | | | | |
| | | | CURRENT AMOUNT CLAIMED (\$) | | | CUMULATIVE AMOUNT CLAIMED (\$) | |
| | | MAJOR COST ELEMENTS | ----- | | | ----- | |
| | | DIRECT LABOR | 545.31 | | | 46,810.33 | |
| | | FRINGE BENEFITS | 193.58 | | | 16,108.06 | |
| | | OVERHEAD | 300.73 | | | 29,428.14 | |
| | | GENERAL & ADMINISTRATIVE | 59.26 | | | 5,979.72 | |
| | | TOTAL SALARY COSTS | 1,098.88 | | | 98,326.25 | |
| | | OTHER DIRECT COSTS: | | | | | |
| | | Airfare | 0.00 | | | 776.00 | |
| | | Car Rental | 0.00 | | | 231.66 | |
| | | Commercial Transportation | 0.00 | | | 5,120.04 | |
| | | Company Vehicle Usage | 0.00 | | | 16.20 | |
| | | Computer | 21.28 | | | 3,477.08 | |
| | | Freight | 35.25 | | | 1,379.41 | |
| | | Hotels | 0.00 | | | 959.07 | |
| | | Meals | 0.00 | | | 103.92 | |
| | | Other Direct Expenses | 192.17 | | | 1,486.75 | |
| | | Per Diem | 0.00 | | | 468.00 | |
| | | Photo Copying | 0.00 | | | 3,850.41 | |
| | | Reproductions/Blueprints | 0.00 | | | 671.82 | |
| | | Telecopying | 0.00 | | | 102.00 | |
| | | Telephone Usage | 0.00 | | | 321.97 | |
| | | TOTAL OTHER DIRECT COSTS | 248.70 | | | 18,964.33 | |
| | | SUBCONTRACTORS: | | | | | |
| | | GERAGHTY & MILLER | 0.00 | | | 0.00 | |
| | | CDM | 0.00 | | | 179.76 | |
| | | Other Subcontractors | 0.00 | | | ----- | |
| | | TOTAL SUBCONTRACTORS | 0.00 | | | 179.76 | |
| | | SUBTOTAL OTHER DIRECT COSTS/SUBCONTRACTORS | 248.70 | | | 19,144.09 | |
| | | GENERAL & ADMINISTRATIVE | 14.18 | | | 1,253.84 | |
| | | TOTAL OTHER DIRECT COSTS/SUBCONTRACTORS | 262.88 | | | 20,397.93 | |
| | | TOTAL COSTS | 1,361.76 | | | 118,724.18 | |
| | | AWARD FEE | 0.00 | | | 5,547.54 | |
| | | TOTAL AMOUNT CLAIMED | 1,361.76 | | | 124,271.72 | |

Standard Form 1035
September 1973
4 Treasury FRM 2000
035-110

PUBLIC VOUCHER FOR PURCHASES AND
SERVICES OTHER THAN PERSONAL
CONTINUATION SHEET

VOUCHER NO.
CTO 0002-0015
SCHEDULE NO.
SHEET NO.
2 OF 3

U. S. DEPARTMENT, BUREAU, OR ESTABLISHMENT
Southern Division, Naval Facilities Engineering Command

| Number and Date of Order | Date of Delivery of Service | ARTICLES OF SERVICES (Enter description, item number of contract or Federal supply schedule and other information deemed necessary) | Quan- tity | UNIT | | PRICE | Amount |
|-----------------------------|-----------------------------------|---|---------------|------|-----|--------------------------------------|---|
| | | | | Cost | Ref | | |
| | | ABB Environmental Services, Inc. 2571 Executive Center Circle E., Suite 100 Tallahassee, Florida 32301 | | | | | |
| | | CONTRACT N62467-89-D-0317 CTO 0002 RECURRING COSTS ANALYSIS OF CLAIMED CURRENT AND CUMULATIVE COSTS AND FEE EARNED FOR THE PERIOD APRIL 29, 1992 THROUGH MAY 29, 1992 | | | | | |
| | | | | | | CURRENT AMOUNT CLAIMED (\$) | CUMULATIVE AMOUNT CLAIMED (\$) |
| | | MAJOR COST ELEMENTS | | | | | |
| | | DIRECT LABOR | | | | 545.31 | 46,810.33 |
| | | FRINGE BENEFITS | | | | 193.58 | 16,108.06 |
| | | OVERHEAD | | | | 300.73 | 29,428.14 |
| | | GENERAL & ADMINISTRATIVE | | | | 59.26 | 5,979.72 |
| | | TOTAL SALARY COSTS | | | | 1,098.88 | 98,326.25 |
| | | OTHER DIRECT COSTS: | | | | | |
| | | Airfare | | | | 0.00 | 776.00 |
| | | Car Rental | | | | 0.00 | 231.66 |
| | | Commercial Transportation | | | | 0.00 | 5,120.04 |
| | | Company Vehicle Usage | | | | 0.00 | 16.20 |
| | | Computer | | | | 21.28 | 3,477.08 |
| | | Freight | | | | 35.25 | 1,379.41 |
| | | Hotels | | | | 0.00 | 959.07 |
| | | Meals | | | | 0.00 | 103.92 |
| | | Other Direct Expenses | | | | 192.17 | 1,486.75 |
| | | Per Diem | | | | 0.00 | 468.00 |
| | | Photo Copying | | | | 0.00 | 3,850.41 |
| | | Reproductions/Blueprints | | | | 0.00 | 671.82 |
| | | Telecopying | | | | 0.00 | 102.00 |
| | | Telephone Usage | | | | 0.00 | 321.97 |
| | | TOTAL OTHER DIRECT COSTS | | | | 248.70 | 18,964.33 |
| | | SUBCONTRACTORS: | | | | | |
| | | Other Subcontractors | | | | 0.00 | 179.76 |
| | | GERAGHTY & MILLER | | | | 0.00 | 0.00 |
| | | CDM | | | | 0.00 | 0.00 |
| | | TOTAL SUBCONTRACTORS | | | | 0.00 | 179.76 |
| | | SUBTOTAL OTHER DIRECT COSTS/SUBCONTRACTORS | | | | 248.70 | 19,144.09 |
| | | GENERAL & ADMINISTRATIVE | | | | 14.18 | 1,253.84 |
| | | TOTAL OTHER DIRECT COSTS/SUBCONTRACTORS | | | | 262.88 | 20,397.93 |
| | | TOTAL COSTS | | | | 1,361.76 | 118,724.18 |
| | | AWARD FEE | | | | 0.00 | 5,547.54 |
| | | TOTAL AMOUNT CLAIMED | | | | 1,361.76 | 124,271.72 |

Standard Form 1035
September 1973
4 Treasury FRM 2000
1035-110

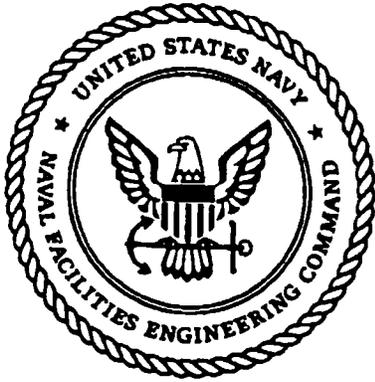
PUBLIC VOUCHER FOR PURCHASES AND
SERVICES OTHER THAN PERSONAL
CONTINUATION SHEET

VOUCHER NO.
CTO 0002-0015
SCHEDULE NO.
SHEET NO.
3 OF 3

U. S. DEPARTMENT, BUREAU, OR ESTABLISHMENT

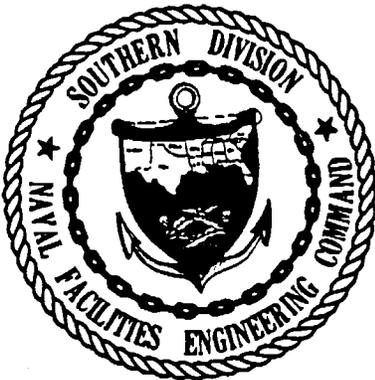
Southern Division, Naval Facilities Engineering Command

| Number and Date of Order | Date of Delivery of Service | ARTICLES OF SERVICES (Enter description, item number of contract or Federal supply schedule and other information deemed necessary) | Quan- tity | UNIT Cost | PRICE Ref | Amount |
|-----------------------------|-----------------------------------|---|--------------------------------------|------------------|------------------|---|
| | | ABB Environmental Services, Inc. 2571 Executive Center Circle E., Suite 100 Tallahassee, Florida 32301 CONTRACT N62467-89-D-0317 CTO 0002 NON-RECURRING COSTS ANALYSIS OF CLAIMED CURRENT AND CUMULATIVE COSTS AND FEE EARNED FOR THE PERIOD APRIL 29, 1992 THROUGH MAY 29, 1992 | | | | |
| | | MAJOR COST ELEMENTS ----- | CURRENT AMOUNT CLAIMED (\$) | | | CUMULATIVE AMOUNT CLAIMED (\$) |
| | | OTHER DIRECT COSTS: | 0.00 | | | 0.00 |
| | | TOTAL OTHER DIRECT COSTS | 0.00 | | | 0.00 |
| | | SUBCONTRACTORS: GERAGHTY & MILLER CDM | 0.00 0.00 | | | 0.00 0.00 |
| | | TOTAL SUBCONTRACTORS | 0.00 | | | 0.00 |



**CTO 002
TECHNICAL AND FINANCIAL
MONTHLY REPORT**

**NAVY CLEAN CONTRACT - DISTRICT I
CONTRACT NO. N62467-89-D-0317**



NAVY CLEAN CONTRACT MONTHLY STATUS REPORT

Contract Task Order Number: 0002
Contract Task Order Site: NAS Cecil Field, Jacksonville, FL
Navy Engineer-In-Charge: Cliff Casey
Navy Contracting Officer: Janet Morris, Code: 0232JM
ABB Project Manager: Barry Lester

Report Period: May 1992
Project Complete: September 30, 1992

1. PROGRESS MADE THIS REPORT PERIOD

- No activity to report this period.

2. DELIVERABLES

- None.

3. OUTSTANDING ISSUES/RESOLUTION

- The period of performance for the CTO needs to be extended through September 1992 in order to complete the final workplans for Operable Units 3, 4, 5, and 6. Additional funding in the amount of \$4678.58 will be required to prepare the TFMR during that period.
- The overall levels of effort for the RI/FS studies at NAS Cecil Field are undergoing review and amendments to workplans for Operable Units 3, 4, 5, and 6 will require major revisions. Funding for these revisions will be required as well as funding for PSC sites which were originally budgeted at \$0.00.
- This project is concurrently performed with CTO 35 field work and RI/FS reporting for Operable Units 1, 2 and 7. Major changes in the schedule for the field work is impacting the scheduling for the remaining work under this CTO. Negotiations with EPA and FDER are ongoing and schedules are subject to change. Therefore a gphant chart is not provided with this TFMR submittal but will be included upon schedule resolution expected during the month of June.

4. PROJECTED ACTIVITY NEXT PERIOD

- Address comments from reviewers on RI/FS Workplan for OU's 3, 4, 5 and 6.

5. SUBCONTRACTING ACTIONS

- None.

EXHIBIT I
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
CTO 0002 LABOR & DIRECT EXPENSE SUMMARY

PERIOD ENDING MAY 29, 1992

| LEVEL OF EFFORT | CURRENT PERIOD HOURS | PROJECT TO DATE HOURS | CURRENT PERIOD DOLLARS | PROJECT TO DATE DOLLARS |
|----------------------------------|----------------------------|-----------------------------|------------------------------|-------------------------------|
| Accounting | 0.00 | 12.00 | 0.00 | 165.54 |
| Cad Operator/Sr Drafts | 0.00 | 68.00 | 0.00 | 938.95 |
| Contract Manager | 0.00 | 1.00 | 0.00 | 12.40 |
| Draftsperson | 0.00 | 77.40 | 0.00 | 681.12 |
| Engineer | 0.00 | 4.00 | 0.00 | 56.72 |
| Geologist | 0.00 | 56.50 | 0.00 | 1,001.95 |
| Hydrogeologist | 0.00 | 5.70 | 0.00 | 87.87 |
| Program Manager | 0.00 | 8.00 | 0.00 | 292.00 |
| Project Assistant | 4.00 | 258.50 | 44.30 | 2,599.23 |
| Quality Assurance Asst | 0.00 | 4.50 | 0.00 | 75.74 |
| Quality Assurance Manager | 0.00 | 11.00 | 0.00 | 264.44 |
| Senior Contract Manager | 0.00 | 1.00 | 0.00 | 26.23 |
| Senior Engineer | 15.00 | 110.50 | 333.00 | 2,422.54 |
| Senior Scientist | 0.00 | 428.00 | 0.00 | 9,338.62 |
| Task Order Manager | 2.00 | 852.00 | 60.24 | 20,579.44 |
| Technical Editor | 0.30 | 22.80 | 4.14 | 306.73 |
| Technical Expert | 0.00 | 148.50 | 0.00 | 5,180.55 |
| TOTAL LEVEL OF EFFORT | 21.30 | 2,069.40 | 441.68 | 44,030.07 |
| Clerical/Word Processing | 13.30 | 302.30 | 103.63 | 2,780.26 |
| TOTAL LABOR | 34.60 | 2,371.70 | 545.31 | 46,810.33 |
| COST ELEMENTS | | | | |
| DIRECT LABOR - UNBURDENED | | | 545.31 | 46,810.33 |
| FRINGE BENEFITS @ 35.50% | | | 193.58 | 16,108.06 |
| OVERHEAD @ 40.70% | | | 300.73 | 29,428.14 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | | 59.26 | 5,979.72 |
| SUBTOTAL LABOR - BURDENED | | | 1,098.88 | 98,326.25 |
| TOTAL BURDENED LABOR | | | 1,098.88 | 98,326.25 |
| DIRECT EXPENSES | | | | |
| Airfare | | | 0.00 | 776.00 |
| Car Rental | | | 0.00 | 231.66 |
| Commercial Transportation | | | 0.00 | 5,120.04 |
| Company Vehicle Usage | | | 0.00 | 16.20 |
| Computer | | | 21.28 | 3,477.08 |
| Freight | | | 35.25 | 1,379.41 |
| Hotels | | | 0.00 | 959.07 |
| Meals | | | 0.00 | 103.92 |
| Other Direct Expenses | | | 192.17 | 1,486.75 |
| Per Diem | | | 0.00 | 468.00 |
| Photo Copying | | | 0.00 | 3,850.41 |
| Reproductions/Blueprints | | | 0.00 | 671.82 |
| Telecopying | | | 0.00 | 102.00 |
| Telephone Usage | | | 0.00 | 321.97 |
| SUBTOTAL DIRECT EXPENSES | | | 248.70 | 18,964.33 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | | 0.00 | 0.00 |

EXHIBIT I
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
CTO 0002 LABOR & DIRECT EXPENSE SUMMARY

PERIOD ENDING MAY

29, 1992

| LEVEL OF EFFORT | CURRENT PERIOD HOURS | PROJECT TO DATE HOURS | CURRENT PERIOD DOLLARS | PROJECT TO DATE DOLLARS |
|--|----------------------------|-----------------------------|------------------------------|-------------------------------|
| CDM | | | 0.00 | 0.00 |
| OTHER SUBCONTRACTORS | | | 0.00 | 179.76 |
| TOTAL SUBCONTRACTORS | | | 0.00 | 179.76 |
| TOTAL DIRECT EXPENSES/SUBCONTRACTORS - UNBURDENED | | | 248.70 | 19,144.09 |
| DIRECT EXPENSES/SUBCONTRACTORS GENERAL & ADMINISTRATIVE @ 5.70% | | | 248.70 14.18 | 19,144.09 1,253.84 |
| SUBTOTAL DIRECT EXPENSES - BURDENED | | | 262.88 | 20,397.93 |
| TOTAL DIRECT EXPENSES - BURDENED | | | 262.88 | 20,397.93 |
| | | | | |
| TOTAL LABOR & DIRECT EXPENSES | | | 1,361.76 | 118,724.18 |
| EARNED AWARD FEE | | | 0.00 | 3,669.40 |
| GRAND TOTAL | | | 1,361.76 | 122,393.58 |
| | | | | |
| PROJECTED AWARD FEE | | | 136.18 | 3,805.58 |
| UNRECORDED EXPENSES | | | 215.00 | 215.00 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 1.0 PROGRESS REPORTS
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|-----------------------------|---------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Accounting | 0.00 | 0.00 | 12.00 | 165.54 |
| Geologist | 0.00 | 0.00 | 3.00 | 50.49 |
| Project Assistant | 4.00 | 44.30 | 79.30 | 781.92 |
| Quality Assurance Asst | 0.00 | 0.00 | 4.50 | 75.74 |
| Task Order Manager | 2.00 | 60.24 | 57.00 | 1,509.72 |
| TOTAL LEVEL OF EFFORT | 6.00 | 104.54 | 155.80 | 2,583.41 |
| Clerical/Word Processing | 0.00 | 0.00 | 5.30 | 47.20 |
| TOTAL LABOR | 6.00 | 104.54 | 161.10 | 2,630.61 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 104.54 | | 2,630.61 |
| FRINGE BENEFITS @ 35.50% | | 37.11 | | 920.60 |
| OVERHEAD @ 40.70% | | 57.65 | | 1,544.48 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 11.36 | | 309.08 |
| TOTAL COSTED LABOR | | 210.66 | | 5,404.77 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 63.95 |
| Computer | | 10.27 | | 10.27 |
| SUBTOTAL DIRECT EXPENSES | | 10.27 | | 74.22 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 10.27 | | 74.22 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.59 | | 4.24 |
| TOTAL DIRECT EXPENSES | | 10.86 | | 78.46 |
| TOTAL LABOR AND DIRECT EXPENSES | | 221.52 | | 5,483.23 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 2.0 REVIEW EXISTING INFO
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|-----------------------------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Task Order Manager | 0.00 | 0.00 | 166.00 | 3,822.99 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 166.00 | 3,822.99 |
| TOTAL LABOR | 0.00 | 0.00 | 166.00 | 3,822.99 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 3,822.99 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 1,266.17 |
| OVERHEAD @ 40.70% | | 0.00 | | 2,754.76 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 574.96 |
| TOTAL COSTED LABOR | | 0.00 | | 8,418.88 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 38.32 |
| Photo Copying | | 0.00 | | 7.65 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 45.97 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 45.97 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 3.37 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 49.34 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 8,468.22 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 3.0 MAINTAIN ADMIN RECORD
PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------------------------|---------|-----------------|----------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Draftsperson | 0.00 | 0.00 | 2.00 | 17.60 |
| Project Assistant | 0.00 | 0.00 | 42.50 | 492.19 |
| Senior Contract Manager | 0.00 | 0.00 | 1.00 | 26.23 |
| Task Order Manager | 0.00 | 0.00 | 68.50 | 1,573.69 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 114.00 | 2,109.71 |
| TOTAL LABOR | 0.00 | 0.00 | 114.00 | 2,109.71 |
| ----- | | | | |
| COST ELEMENTS | | | | |
| ----- | | | | |
| DIRECT LABOR | | 0.00 | | 2,109.71 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 707.10 |
| OVERHEAD @ 40.70% | | 0.00 | | 1,460.80 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 302.63 |
| TOTAL COSTED LABOR | | 0.00 | | 4,580.24 |
| ----- | | | | |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 47.50 |
| Commercial Transportation | | 0.00 | | 1,040.72 |
| Hotels | | 0.00 | | 205.44 |
| Per Diem | | 0.00 | | 182.00 |
| Car Rental | | 0.00 | | 108.04 |
| Other Direct Expenses | | 0.00 | | 120.80 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 1,704.50 |
| ----- | | | | |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| ----- | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 1,704.50 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 110.90 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 1,815.40 |
| ----- | | | | |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 6,395.64 |
| ===== | | | | |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 4.0 SITE MANAGEMENT PLAN
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|-----------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Project Assistant | 0.00 | 0.00 | 3.00 | 34.62 |
| Task Order Manager | 0.00 | 0.00 | 39.00 | 975.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 42.00 | 1,009.62 |
| Clerical/Word Processing | 0.00 | 0.00 | 1.50 | 13.64 |
| TOTAL LABOR | 0.00 | 0.00 | 43.50 | 1,023.26 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 1,023.26 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 339.50 |
| OVERHEAD @ 40.70% | | 0.00 | | 732.27 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 152.78 |
| TOTAL COSTED LABOR | | 0.00 | | 2,247.81 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 9.50 |
| Other Direct Expenses | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 9.50 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 9.50 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 0.54 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 10.04 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 2,257.85 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 5.0 REVIEW/REVISE RI/FS WP
PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|----------------------------------|-----------------------------|---------------|-----------------|------------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 6.00 | 92.59 |
| Draftsperson | 0.00 | 0.00 | 67.90 | 597.52 |
| Engineer | 0.00 | 0.00 | 4.00 | 56.72 |
| Technical Expert | 0.00 | 0.00 | 17.00 | 580.35 |
| Geologist | 0.00 | 0.00 | 51.00 | 909.82 |
| Project Assistant | 0.00 | 0.00 | 108.70 | 1,006.56 |
| Quality Assurance Manager | 0.00 | 0.00 | 11.00 | 264.44 |
| Senior Engineer | 15.00 | 333.00 | 110.50 | 2,422.54 |
| Senior Scientist | 0.00 | 0.00 | 356.00 | 7,732.38 |
| Technical Editor | 0.30 | 4.14 | 22.80 | 306.73 |
| Task Order Manager | 0.00 | 0.00 | 352.50 | 8,514.51 |
| TOTAL LEVEL OF EFFORT | 15.30 | 337.14 | 1,107.40 | 22,484.16 |
| Clerical/Word Processing | 13.30 | 103.63 | 231.80 | 2,140.19 |
| TOTAL LABOR | 28.60 | 440.77 | 1,339.20 | 24,624.35 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 440.77 | | 24,624.35 |
| FRINGE BENEFITS @ 35.50% | | 156.47 | | 8,591.87 |
| OVERHEAD @ 40.70% | | 243.08 | | 14,643.09 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 47.90 | | 2,938.43 |
| TOTAL COSTED LABOR | | 888.22 | | 50,797.74 |
| DIRECT EXPENSES | | | | |
| Freight | | 35.25 | | 848.63 |
| Telecopying | | 0.00 | | 28.00 |
| Company Vehicle Usage | | 0.00 | | 16.20 |
| Telephone Usage | | 0.00 | | 1.65 |
| Photo Copying | | 0.00 | | 3,410.31 |
| Computer | | 11.01 | | 364.61 |
| Commercial Transportation | | 0.00 | | 500.00 |
| Other Direct Expenses | | 192.17 | | 1,111.91 |
| SUBTOTAL DIRECT EXPENSES | | 238.43 | | 6,281.31 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| Other Subcontractors | | 0.00 | | 179.76 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 5.0 REVIEW/REVISE RI/FS WP
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|------------------|----------|-----------------|-----------|
| | REPORTING PERIOD | | | |
| | HOURS | DOLLARS | HOURS | DOLLARS |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 179.76 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 238.43 | | 6,461.07 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 13.59 | | 416.74 |
| TOTAL DIRECT EXPENSES | | 252.02 | | 6,877.81 |
| TOTAL LABOR AND DIRECT EXPENSES | | 1,140.24 | | 57,675.55 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 6.0 REVISE PSC WORK PLAN
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|---------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Task Order Manager | 0.00 | 0.00 | 17.50 | 340.75 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 17.50 | 340.75 |
| Clerical/Word Processing | 0.00 | 0.00 | 0.80 | 8.00 |
| TOTAL LABOR | 0.00 | 0.00 | 18.30 | 348.75 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 348.75 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 115.70 |
| OVERHEAD @ 40.70% | | 0.00 | | 249.95 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 52.12 |
| TOTAL COSTED LABOR | | 0.00 | | 766.52 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 2.14 |
| Telecopying | | 0.00 | | 6.00 |
| Computer | | 0.00 | | 157.60 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 165.74 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 165.74 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 11.01 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 176.75 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 943.27 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 7.0 PREPARE AMENDMENTS PSC WP
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------------------------|---------|-----------------|---------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| TOTAL LEVEL OF EFFORT | | | | |
| TOTAL LABOR | 0.00 | 0.00 | 0.00 | 0.00 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 0.00 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 0.00 |
| OVERHEAD @ 40.70% | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 0.00 |
| TOTAL COSTED LABOR | | 0.00 | | 0.00 |
| DIRECT EXPENSES | | | | |
| SUBTOTAL DIRECT EXPENSES | | | | |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 0.00 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 0.00 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 0.00 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 8.0 REVISE CRP
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|----------------------------------|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 0.50 | 5.70 |
| Contract Manager | 0.00 | 0.00 | 1.00 | 12.40 |
| Draftsperson | 0.00 | 0.00 | 4.00 | 35.20 |
| Technical Expert | 0.00 | 0.00 | 1.50 | 52.50 |
| Hydrogeologist | 0.00 | 0.00 | 5.70 | 87.87 |
| Project Assistant | 0.00 | 0.00 | 2.00 | 20.80 |
| Task Order Manager | 0.00 | 0.00 | 26.50 | 676.50 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 41.20 | 890.97 |
| Clerical/Word Processing | 0.00 | 0.00 | 29.20 | 257.11 |
| TOTAL LABOR | 0.00 | 0.00 | 70.40 | 1,148.08 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 1,148.08 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 390.62 |
| OVERHEAD @ 40.70% | | 0.00 | | 753.58 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 154.48 |
| TOTAL COSTED LABOR | | 0.00 | | 2,446.76 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 233.68 |
| Telecopying | | 0.00 | | 60.00 |
| Telephone Usage | | 0.00 | | 193.26 |
| Photo Copying | | 0.00 | | 399.60 |
| Computer | | 0.00 | | 1,707.20 |
| Commercial Transportation | | 0.00 | | 2,080.32 |
| Hotels | | 0.00 | | 204.15 |
| Per Diem | | 0.00 | | 175.00 |
| Other Direct Expenses | | 0.00 | | 170.91 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 5,224.12 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 8.0 REVISE CRP
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 5,224.12 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 356.83 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 5,580.95 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 8,027.71 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 9.0 IMPLEMENT COMMUN RELATION
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|--------------------------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 49.00 | 647.78 |
| Draftsperson | 0.00 | 0.00 | 0.00 | 0.00 |
| Geologist | 0.00 | 0.00 | 1.00 | 16.39 |
| Senior Scientist | 0.00 | 0.00 | 16.00 | 346.24 |
| Task Order Manager | 0.00 | 0.00 | 8.00 | 241.28 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 74.00 | 1,251.69 |
| TOTAL LABOR | 0.00 | 0.00 | 74.00 | 1,251.69 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 1,251.69 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 444.35 |
| OVERHEAD @ 40.70% | | 0.00 | | 690.29 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 136.02 |
| TOTAL COSTED LABOR | | 0.00 | | 2,522.35 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 11.25 |
| Telephone Usage | | 0.00 | | 0.55 |
| Reproductions/Blueprints | | 0.00 | | 352.96 |
| Commercial Transportation | | 0.00 | | 62.60 |
| Hotels | | 0.00 | | 80.09 |
| Meals | | 0.00 | | 26.00 |
| Per Diem | | 0.00 | | 26.00 |
| Airfare | | 0.00 | | 258.00 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 817.45 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 817.45 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 46.59 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 864.04 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 9.0 IMPLEMENT COMMUN RELATION
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---------------------------------|---------------------------|---------|-----------------|----------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 3,386.39 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 10.0 TRC/PM MEETINGS
PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|--------------------------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| ----- | | | | |
| LABR: | | | | |
| Technical Expert | 0.00 | 0.00 | 12.00 | 420.00 |
| Project Assistant | 0.00 | 0.00 | 22.00 | 251.60 |
| Program Manager | 0.00 | 0.00 | 8.00 | 292.00 |
| | ----- | | ----- | |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 42.00 | 963.60 |
| | ----- | | ----- | |
| Clerical/Word Processing | 0.00 | 0.00 | 0.30 | 3.00 |
| | ----- | | ----- | |
| TOTAL LABOR | 0.00 | 0.00 | 42.30 | 966.60 |
| | ===== | | ===== | |
| ----- | | | | |
| COST ELEMENTS | | | | |
| ----- | | | | |
| DIRECT LABOR | | 0.00 | | 966.60 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 343.14 |
| OVERHEAD @ 40.70% | | 0.00 | | 533.07 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 105.04 |
| | ----- | | ----- | |
| TOTAL COSTED LABOR | | 0.00 | | 1,947.85 |
| | ===== | | ===== | |
| | | | | |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 18.90 |
| Hotels | | 0.00 | | 50.83 |
| Per Diem | | 0.00 | | 65.00 |
| Airfare | | 0.00 | | 518.00 |
| Car Rental | | 0.00 | | 123.62 |
| Other Direct Expenses | | 0.00 | | 7.00 |
| | ----- | | ----- | |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 783.35 |
| | | | | |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| | ----- | | ----- | |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 783.35 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 44.65 |
| | ----- | | ----- | |
| TOTAL DIRECT EXPENSES | | 0.00 | | 828.00 |
| | ===== | | ===== | |
| | | | | |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 2,775.85 |
| | ===== | | ===== | |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 11.0 RECRA/CERCLA COORDINATION
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------------------------|---------|-----------------|---------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| TOTAL LEVEL OF EFFORT | | | | |
| TOTAL LABOR | 0.00 | 0.00 | 0.00 | 0.00 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 0.00 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 0.00 |
| OVERHEAD @ 40.70% | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 0.00 |
| TOTAL COSTED LABOR | | 0.00 | | 0.00 |
| DIRECT EXPENSES | | | | |
| SUBTOTAL DIRECT EXPENSES | | | | |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 0.00 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 0.00 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 0.00 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 12.0 SCOPE WELL STUDY
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|----------------------------------|--------------------------|-------------|-----------------|------------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 12.50 | 192.88 |
| Draftsperson | 0.00 | 0.00 | 3.50 | 30.80 |
| Technical Expert | 0.00 | 0.00 | 118.00 | 4,127.70 |
| Geologist | 0.00 | 0.00 | 1.50 | 25.25 |
| Senior Scientist | 0.00 | 0.00 | 56.00 | 1,260.00 |
| Task Order Manager | 0.00 | 0.00 | 86.00 | 2,150.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 277.50 | 7,786.63 |
| Clerical/Word Processing | 0.00 | 0.00 | 33.40 | 311.12 |
| TOTAL LABOR | 0.00 | 0.00 | 310.90 | 8,097.75 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 8,097.75 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 2,728.51 |
| OVERHEAD @ 40.70% | | 0.00 | | 5,499.09 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 1,135.89 |
| TOTAL COSTED LABOR | | 0.00 | | 17,461.24 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 92.04 |
| Telecopying | | 0.00 | | 8.00 |
| Telephone Usage | | 0.00 | | 124.31 |
| Photo Copying | | 0.00 | | 32.85 |
| Computer | | 0.00 | | 1,237.40 |
| Commercial Transportation | | 0.00 | | 1,436.40 |
| Hotels | | 0.00 | | 418.56 |
| Meals | | 0.00 | | 77.92 |
| Per Diem | | 0.00 | | 20.00 |
| Other Direct Expenses | | 0.00 | | 76.13 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 3,523.61 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 12.0 SCOPE WELL STUDY
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------|---------|-----------------|-----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 3,523.61 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 234.45 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 3,758.06 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 21,219.30 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 13.0 DOCUMENT CONVERSION
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---|---------------------------|-------------|-----------------|---------------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Project Assistant | 0.00 | 0.00 | 1.00 | 11.54 |
| Task Order Manager | 0.00 | 0.00 | 11.00 | 275.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 12.00 | 286.54 |
| Clerical/Word Processing | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL LABOR | 0.00 | 0.00 | 12.00 | 286.54 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 286.54 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 94.90 |
| OVERHEAD @ 40.70% | | 0.00 | | 206.47 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 43.09 |
| TOTAL COSTED LABOR | | 0.00 | | 631.00 |
| DIRECT EXPENSES | | | | |
| Telephone Usage | | 0.00 | | 2.20 |
| Reproductions/Blueprints | | 0.00 | | 318.86 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 321.06 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 321.06 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 23.53 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 344.59 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 975.59 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 14.0 REVIEW CURRENT USE SITES
 PERIOD ENDING MAY 29, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Task Order Manager | 0.00 | 0.00 | 20.00 | 500.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 20.00 | 500.00 |
| TOTAL LABOR | 0.00 | 0.00 | 20.00 | 500.00 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 500.00 |
| FRINGE BENEFITS @ 35.50% | | 0.00 | | 165.60 |
| OVERHEAD @ 40.70% | | 0.00 | | 360.29 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 75.20 |
| TOTAL COSTED LABOR | | 0.00 | | 1,101.09 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 13.50 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 13.50 |
| SUBCONTRACTORS: | | | | |
| GERAGHTY & MILLER | | 0.00 | | 0.00 |
| CDM | | 0.00 | | 0.00 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 13.50 |
| GENERAL & ADMINISTRATIVE @ 5.70% | | 0.00 | | 0.99 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 14.49 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 1,115.58 |

EXHIBIT 11
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 CTO 0002 COST SUMMARY
 PERIOD ENDING MAY 29, 1992

| TASK | DESCRIPTION | UIC | FUNDING CODE | STATUS | PERCENT EXPENDED | REPORTING PERIOD | PROJECT TO DATE | ESTIMATED AUTH. BUDGET | ESTIMATE AT COMPLETION | COST VARIANCE | PERCENT VARIANCE | NOTE (X) |
|-----------|---------------------------|--------|--------------|--------|------------------|------------------|-----------------|------------------------|------------------------|---------------|------------------|----------|
| 0.0 | AWARD FEE | N60200 | DERA | OPEN | 23.67% | 0.00 | 3,669.40 | 15,503.00 | 15,503.00 | 0.00 | 0.00% | |
| 1.0 | PROGRESS REPORTS | N60200 | DERA | OPEN | 86.88% | 221.52 | 5,483.23 | 6,311.00 | 15,000.00 | 8,689.00 | 137.68% | X |
| 10.0 | TRC/PM MEETINGS | N60200 | DERA | CLOSED | 81.50% | 0.00 | 2,775.85 | 3,406.00 | 3,406.00 | 0.00 | 0.00% | |
| 11.0 | RECRA/CERCLA COORDINATION | N60200 | DERA | OPEN | 0.00% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 12.0 | SCOPE WELL STUDY | N60200 | DERA | CLOSED | 99.23% | 0.00 | 21,219.30 | 21,384.00 | 21,384.00 | 0.00 | 0.00% | |
| 13.0 | DOCUMENT CONVERSION | N60200 | DERA | CLOSED | 0.00% | 0.00 | 975.59 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 14.0 | REVIEW CURRENT USE SITES | N60200 | DERA | CLOSED | 0.00% | 0.00 | 1,115.58 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 2.0 | REVIEW EXISTING INFO | N60200 | DERA | CLOSED | 0.00% | 0.00 | 8,468.22 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 3.0 | MAINTAIN ADMIN RECORD | N60200 | DERA | CLOSED | 100.32% | 0.00 | 6,395.64 | 6,375.00 | 6,375.00 | 0.00 | 0.00% | |
| 4.0 | SITE MANAGEMENT PLAN | N60200 | DERA | CLOSED | 0.00% | 0.00 | 2,257.85 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 5.0 | REVISE/REVISE RI/FS WP | N60200 | DERA | OPEN | 93.91% | 1,140.24 | 57,675.55 | 61,419.00 | 61,419.00 | 0.00 | 0.00% | |
| 6.0 | PREPARE AMENDMENTS PSC WP | N60200 | DERA | OPEN | 15.24% | 0.00 | 943.27 | 6,189.00 | 6,189.00 | 0.00 | 0.00% | |
| 7.0 | REVISIONS | N60200 | DERA | OPEN | 0.00% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 8.0 | REVISE CRP | N60200 | DERA | CLOSED | 109.62% | 0.00 | 8,027.71 | 7,323.00 | 7,323.00 | 0.00 | 0.00% | |
| 9.0 | IMPLEMENT COMMUN RELATION | N60200 | DERA | OPEN | 86.34% | 0.00 | 3,386.39 | 3,922.00 | 3,922.00 | 0.00 | 0.00% | |
| CTO TOTAL | | | | | 92.84% | 1,361.76 | 122,393.58 | 131,832.00 | 140,521.00 | 8,689.00 | 6.59% | |

TASK VARIANCE NOTE

1.0 Major changes in overall RI/FS Program will require additional levels of effort as schedules and deliverables change.

EXHIBIT III
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 CTO 0002 LABOR HOUR SUMMARY
 PERIOD ENDING MAY 29, 1992

| TASK | DESCRIPTION | UIC | FUNDING CODE | FUNDING STATUS | PERCENT EXPENDED | REPORTING PERIOD | PROJECT TO DATE | ESTIMATED AUTH. BUDGET | ESTIMATE AT COMPLETION | HOUR VARIANCE | PERCENT VARIANCE |
|------|---------------------------|--------|--------------|----------------|------------------|------------------|-----------------|------------------------|------------------------|---------------|------------------|
| 0.0 | AWARD FEE | N60200 | DERA | OPEN | 0.00% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 1.0 | PROGRESS REPORTS | N60200 | DERA | OPEN | 145.14% | 6.00 | 161.10 | 111.00 | 111.00 | 0.00 | 0.00% |
| 10.0 | TRC/PM MEETINGS | N60200 | DERA | CLOSED | 72.93% | 0.00 | 42.30 | 58.00 | 58.00 | 0.00 | 0.00% |
| 11.0 | RECRA/CERCLA COORDINATION | N60200 | DERA | OPEN | 0.00% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 12.0 | SCOPE WELL STUDY | N60200 | DERA | CLOSED | 74.92% | 0.00 | 310.90 | 415.00 | 415.00 | 0.00 | 0.00% |
| 13.0 | DOCUMENT CONVERSION | N60200 | DERA | CLOSED | 0.00% | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 14.0 | REVIEW CURRENT USE SITES | N60200 | DERA | CLOSED | 0.00% | 0.00 | 20.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 2.0 | REVIEW EXISTING INFO | N60200 | DERA | CLOSED | 0.00% | 0.00 | 166.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 3.0 | MAINTAIN ADMIN RECORD | N60200 | DERA | CLOSED | 100.00% | 0.00 | 114.00 | 114.00 | 114.00 | 0.00 | 0.00% |
| 4.0 | SITE MANAGEMENT PLAN | N60200 | DERA | CLOSED | 0.00% | 0.00 | 43.50 | 0.00 | 0.00 | 0.00 | 0.00% |
| 5.0 | REVIEW/REVISE RI/FS WP | N60200 | DERA | OPEN | 111.04% | 28.60 | 1,339.20 | 1,206.00 | 1,206.00 | 0.00 | 0.00% |
| 6.0 | REVISE PSC WORK PLAN | N60200 | DERA | OPEN | 21.53% | 0.00 | 18.30 | 85.00 | 85.00 | 0.00 | 0.00% |
| 7.0 | PREPARE AMENDMENTS PSC WP | N60200 | DERA | OPEN | 99.15% | 0.00 | 70.40 | 71.00 | 71.00 | 0.00 | 0.00% |
| 8.0 | REVISE CRP | N60200 | DERA | CLOSED | 100.00% | 0.00 | 74.00 | 74.00 | 74.00 | 0.00 | 0.00% |
| 9.0 | IMPLEMENT COMMUN RELATION | N60200 | DERA | OPEN | | | | | | | |
| | CTO TOTAL | | | | 111.14% | 34.60 | 2,371.70 | 2,134.00 | 2,134.00 | 0.00 | 0.00% |

NAVY CLEAN CONTRACT MONTHLY STATUS REPORT

Contract Task Order Number: 0002
Contract Task Order Site: NAS Cecil Field, Jacksonville, FL
Navy Engineer-In-Charge: Cliff Casey
Navy Contracting Officer: Dwight Cargile Code: 0233
ABB Project Manager: Barry Lester

Report Period: October 1992
Project Complete: September 30, 1992
Percent Physical Completion: 100%

1. CTO #002 CLOSE-OUT

This CTO is being closed as discussed in ABB-Environmental Services letter dated 04 September 1992 and as discussed at the NAS Cecil Field Project meeting held in Charleston on 29 September 1992.

All deliverables to be prepared under this CTO have been submitted to the Navy.

Interim final billing will be accomplished concurrent with final Award Fee determination.

**NOT
INVOICED**

EXHIBIT I
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
CTO 0002 LABOR & DIRECT EXPENSE SUMMARY
PERIOD ENDING OCTOBER 16, 1992

| LEVEL OF EFFORT | BILLABLE CURRENT PERIOD HOURS | BILLABLE PROJECT TO DATE HOURS | BILLABLE CURRENT PERIOD DOLLARS | BILLABLE PROJECT TO DATE DOLLARS | BOOKED CURRENT PERIOD DOLLARS |
|---------------------------|--|---|--|---|--|
| Accounting | 0.00 | 12.00 | 0.00 | 165.54 | 0.00 |
| Cad Operator/Sr Drafts | 0.00 | 126.10 | 0.00 | 1,736.67 | 0.00 |
| Contract Manager | 0.00 | 1.00 | 0.00 | 12.40 | 0.00 |
| Draftsperson | 0.00 | 109.90 | 0.00 | 967.06 | 0.00 |
| Engineer | 0.00 | 4.00 | 0.00 | 56.72 | 0.00 |
| Geologist | 0.00 | 56.50 | 0.00 | 1,001.95 | 0.00 |
| Health and Safety Manager | 0.00 | 2.00 | 0.00 | 48.00 | 0.00 |
| Hydrogeologist | 0.00 | 344.70 | 0.00 | 5,304.33 | 0.00 |
| Program Manager | 0.00 | 8.00 | 0.00 | 292.00 | 0.00 |
| Project Assistant | 0.00 | 266.30 | 0.00 | 2,682.16 | 0.00 |
| Quality Assurance Asst | 0.00 | 4.50 | 0.00 | 75.74 | 0.00 |
| Quality Assurance Manager | 0.00 | 14.20 | 0.00 | 315.00 | 0.00 |
| Scientist | 0.00 | 6.00 | 0.00 | 95.22 | 0.00 |
| Senior Chemist | 0.00 | 9.00 | 0.00 | 186.92 | 0.00 |
| Senior Contract Manager | 0.00 | 1.00 | 0.00 | 26.23 | 0.00 |
| Senior Engineer | 0.00 | 171.00 | 0.00 | 3,765.64 | 0.00 |
| Senior Scientist | 0.00 | 506.00 | 0.00 | 11,158.10 | 0.00 |
| Task Order Manager | 0.00 | 858.00 | 0.00 | 20,760.40 | 0.00 |
| Technical Editor | 0.00 | 42.30 | 0.00 | 548.62 | 0.00 |
| Technical Expert | 0.00 | 179.80 | 0.00 | 6,280.95 | 0.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 2,722.30 | 0.00 | 55,479.65 | 0.00 |
| Clerical/Word Processing | 0.00 | 592.60 | 0.00 | 5,321.96 | 0.00 |
| TOTAL LABOR | 0.00 | 3,314.90 | 0.00 | 60,801.61 | 0.00 |

COST ELEMENTS

COST SUMMARY @ PROVISIONAL BILLING RATES

| | | |
|------------------------------------|------|-----------|
| DIRECT LABOR - UNBURDENED - ONSITE | 0.00 | 60,801.61 |
| FRINGE BENEFITS @ 35.10% | 0.00 | 0.00 |
| OVERHEAD @ 43.40% | 0.00 | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | 0.00 | 0.00 |

SUBTOTAL LABOR - BURDENED @ Provisional Rates 0.00 60,801.61

TOTAL LABOR - BURDENED @ Provisional Rates 0.00 60,801.61

COST SUMMARY FOR CONTRACTUAL BILLING *

| | | |
|------------------------------------|------|-----------|
| DIRECT LABOR - UNBURDENED - ONSITE | 0.00 | 60,801.61 |
| FRINGE BENEFITS @ 35.10% | 0.00 | 20,807.08 |
| OVERHEAD @ 43.40% | 0.00 | 38,758.41 |
| GENERAL & ADMINISTRATIVE @ 2.00% | 0.00 | 7,755.43 |

SUBTOTAL LABOR - BURDENED for Contractual Billing 0.00 128,122.53

TOTAL LABOR - BURDENED for Contractual Billing 0.00 128,122.53

EXHIBIT I
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
CTO 0002 LABOR & DIRECT EXPENSE SUMMARY
PERIOD ENDING OCTOBER 16, 1992

| LEVEL OF EFFORT | BILLABLE CURRENT PERIOD HOURS | BILLABLE PROJECT TO DATE HOURS | BILLABLE CURRENT PERIOD DOLLARS | BILLABLE PROJECT TO DATE DOLLARS | BOOKED CURRENT PERIOD DOLLARS |
|-----------------|--|---|--|---|--|
|-----------------|--|---|--|---|--|

BILLING LESS PROVISIONAL DELTA 0.00 67,320.92

* Rates are calculated as follows:
35.1% for Fringe is set; 2.0% for G&A is set;
Overhead is calculated to contract ceiling of 2.38

DIRECT EXPENSES

| | | |
|---------------------------|------|----------|
| Airfare | 0.00 | 776.00 |
| Car Rental | 0.00 | 231.66 |
| Commercial Transportation | 0.00 | 4,857.67 |
| Company Vehicle Usage | 0.00 | 12.41 |
| Computer | 0.00 | 3,134.13 |
| Freight | 0.00 | 1,398.91 |
| Hotels | 0.00 | 768.39 |
| Meals | 0.00 | 64.96 |
| Other Direct Expenses | 0.00 | 1,459.08 |
| Per Diem | 0.00 | 479.38 |
| Photo Copying | 0.00 | 3,804.85 |
| Reproductions/Blueprints | 0.00 | 671.82 |
| Telecopying | 0.00 | 140.00 |
| Telephone Usage | 0.00 | 250.41 |

SUBTOTAL DIRECT EXPENSES 0.00 18,049.67

SUBCONTRACTORS:

Other Subcontractors 0.00 179.76

TOTAL SUBCONTRACTORS 0.00 179.76

TOTAL DIRECT EXPENSES/SUBCONTRACTORS - UNBURDENED 0.00 18,229.43

GENERAL & ADMINISTRATIVE @ 2.00% 0.00 1,263.73

TOTAL DIRECT EXPENSES - BURDENED 0.00 19,493.16

RATE ADJUSTMENT 0.00 261.80

TOTAL LABOR & DIRECT EXPENSES 0.00 147,615.69

EARNED AWARD FEE 0.00 6,216.43

GRAND TOTAL 0.00 154,093.92

PROJECTED AWARD FEE 0.00 4,377.80

UNRECORDED EXPENSES 0.00 0.00

| PROGRAM PROJECTIONS | NOV 1992 | DEC 1992 | JAN 1993 | FEB 1993 |
|---------------------|----------|----------|----------|----------|
| PROFESSIONAL HOURS | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL COST | 0.00 | 0.00 | 0.00 | 0.00 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 1.0 PROGRESS REPORTS
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Accounting | 0.00 | 0.00 | 12.00 | 165.54 |
| Geologist | 0.00 | 0.00 | 3.00 | 50.49 |
| Project Assistant | 0.00 | 0.00 | 81.30 | 801.64 |
| Quality Assurance Asst | 0.00 | 0.00 | 4.50 | 75.74 |
| Task Order Manager | 0.00 | 0.00 | 63.00 | 1,690.68 |
| Scientist | 0.00 | 0.00 | 6.00 | 95.22 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 169.80 | 2,879.31 |
| Clerical/Word Processing | 0.00 | 0.00 | 5.30 | 47.20 |
| TOTAL LABOR | 0.00 | 0.00 | 175.10 | 2,926.51 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 2,926.51 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 1,024.46 |
| OVERHEAD @ 43.40% | | 0.00 | | 1,413.79 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 320.55 |
| TOTAL COSTED LABOR | | 0.00 | | 5,685.31 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 63.95 |
| Computer | | 0.00 | | 10.27 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 74.22 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 74.22 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 83.24 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 157.46 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 5,842.77 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 10.0 TRC/PM MEETINGS
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Technical Expert | 0.00 | 0.00 | 12.00 | 420.00 |
| Project Assistant | 0.00 | 0.00 | 22.00 | 251.60 |
| Program Manager | 0.00 | 0.00 | 8.00 | 292.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 42.00 | 963.60 |
| Clerical/Word Processing | 0.00 | 0.00 | 0.30 | 3.00 |
| TOTAL LABOR | 0.00 | 0.00 | 42.30 | 966.60 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 966.60 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 343.14 |
| OVERHEAD @ 43.40% | | 0.00 | | 533.07 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 105.04 |
| TOTAL COSTED LABOR | | 0.00 | | 1,947.85 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 18.90 |
| Hotels | | 0.00 | | 50.83 |
| Per Diem | | 0.00 | | 65.00 |
| Airfare | | 0.00 | | 518.00 |
| Car Rental | | 0.00 | | 123.62 |
| Other Direct Expenses | | 0.00 | | 7.00 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 783.35 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 783.35 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 44.65 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 828.00 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 2,775.85 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 11.0 RECRA/CERCLA COORDINATION
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|-----------------------------|---------|-----------------|---------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| TOTAL LEVEL OF EFFORT | | | | |
| TOTAL LABOR | 0.00 | 0.00 | 0.00 | 0.00 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 0.00 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 0.00 |
| OVERHEAD @ 43.40% | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.00 |
| TOTAL COSTED LABOR | | 0.00 | | 0.00 |
| DIRECT EXPENSES | | | | |
| SUBTOTAL DIRECT EXPENSES | | | | |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.00 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 0.00 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 0.00 |

EXHIBIT I-A
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CONTRACT N62467-89-D-0317
TASK LABOR HOUR AND COST SUMMARY
CTO 0002 TASK 12.0 SCOPE WELL STUDY
PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|-----------------------------|---------|-----------------|-----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 21.50 | 331.78 |
| Draftsperson | 0.00 | 0.00 | 3.50 | 30.80 |
| Technical Expert | 0.00 | 0.00 | 143.80 | 5,030.70 |
| Geologist | 0.00 | 0.00 | 1.50 | 25.25 |
| Senior Scientist | 0.00 | 0.00 | 88.00 | 1,958.58 |
| Task Order Manager | 0.00 | 0.00 | 86.00 | 2,150.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 344.30 | 9,527.11 |
| Clerical/Word Processing | 0.00 | 0.00 | 58.40 | 496.06 |
| TOTAL LABOR | 0.00 | 0.00 | 402.70 | 10,023.17 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 10,023.17 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 3,366.21 |
| OVERHEAD @ 43.40% | | 0.00 | | 6,886.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 1,425.42 |
| TOTAL COSTED LABOR | | 0.00 | | 21,700.80 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 95.20 |
| Telecopying | | 0.00 | | 36.00 |
| Telephone Usage | | 0.00 | | 77.64 |
| Photo Copying | | 0.00 | | 30.00 |
| Computer | | 0.00 | | 1,090.20 |
| Commercial Transportation | | 0.00 | | 1,090.20 |
| Hotels | | 0.00 | | 209.28 |
| Meals | | 0.00 | | 38.96 |
| Per Diem | | 0.00 | | 20.00 |
| Other Direct Expenses | | 0.00 | | 44.63 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 2,732.11 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 2,732.11 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 189.51 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 2,921.62 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 12.0 SCOPE WELL STUDY
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---------------------------------|---------------------------|---------|-----------------|-----------|
| | REPORTING PERIOD HOURS | DOLLARS | HOURS | DOLLARS |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 24,622.42 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 13.0 DOCUMENT CONVERSION
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|-----------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Technical Expert | 0.00 | 0.00 | 2.00 | 70.00 |
| Project Assistant | 0.00 | 0.00 | 1.00 | 11.54 |
| Task Order Manager | 0.00 | 0.00 | 11.00 | 275.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 14.00 | 356.54 |
| Clerical/Word Processing | 0.00 | 0.00 | 62.80 | 571.33 |
| TOTAL LABOR | 0.00 | 0.00 | 76.80 | 927.87 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 927.87 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 307.31 |
| OVERHEAD @ 43.40% | | 0.00 | | 668.60 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 139.55 |
| TOTAL COSTED LABOR | | 0.00 | | 2,043.33 |
| DIRECT EXPENSES | | | | |
| Telephone Usage | | 0.00 | | 2.20 |
| Reproductions/Blueprints | | 0.00 | | 318.86 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 321.06 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 321.06 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 23.53 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 344.59 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 2,387.92 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 14.0 REVIEW CURRENT USE SITES
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 1.00 | 15.43 |
| Task Order Manager | 0.00 | 0.00 | 20.00 | 500.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 21.00 | 515.43 |
| TOTAL LABOR | 0.00 | 0.00 | 21.00 | 515.43 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 515.43 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 170.71 |
| OVERHEAD @ 43.40% | | 0.00 | | 371.41 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 77.52 |
| TOTAL COSTED LABOR | | 0.00 | | 1,135.07 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 13.50 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 13.50 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 13.50 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.99 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 14.49 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 1,149.56 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 2.0 REVIEW EXISTING INFO
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|--------------------------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Task Order Manager | 0.00 | 0.00 | 166.00 | 3,822.99 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 166.00 | 3,822.99 |
| TOTAL LABOR | 0.00 | 0.00 | 166.00 | 3,822.99 |
| ----- | | | | |
| COST ELEMENTS | | | | |
| ----- | | | | |
| DIRECT LABOR | | 0.00 | | 3,822.99 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 1,266.17 |
| OVERHEAD @ 43.40% | | 0.00 | | 2,754.76 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 574.96 |
| TOTAL COSTED LABOR | | 0.00 | | 8,418.88 |
| ----- | | | | |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 38.32 |
| Photo Copying | | 0.00 | | 7.65 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 45.97 |
| ----- | | | | |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| ----- | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 45.97 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 3.37 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 49.34 |
| ----- | | | | |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 8,468.22 |
| ===== | | | | |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 3.0 MAINTAIN ADMIN RECORD
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|-----------------------------|---------|-----------------|----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Draftsperson | 0.00 | 0.00 | 2.00 | 17.60 |
| Project Assistant | 0.00 | 0.00 | 42.50 | 492.19 |
| Senior Contract Manager | 0.00 | 0.00 | 1.00 | 26.23 |
| Senior Scientist | 0.00 | 0.00 | 0.00 | 0.00 |
| Task Order Manager | 0.00 | 0.00 | 68.50 | 1,573.69 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 114.00 | 2,109.71 |
| TOTAL LABOR | 0.00 | 0.00 | 114.00 | 2,109.71 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 2,109.71 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 707.10 |
| OVERHEAD @ 43.40% | | 0.00 | | 1,460.80 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 302.63 |
| TOTAL COSTED LABOR | | 0.00 | | 4,580.24 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 47.50 |
| Commercial Transportation | | 0.00 | | 1,040.72 |
| Hotels | | 0.00 | | 205.44 |
| Per Diem | | 0.00 | | 182.00 |
| Car Rental | | 0.00 | | 108.04 |
| Other Direct Expenses | | 0.00 | | 120.80 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 1,704.50 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 1,704.50 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 138.98 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 1,843.48 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 6,423.72 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 4.0 SITE MANAGEMENT PLAN
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Project Assistant | 0.00 | 0.00 | 3.00 | 34.62 |
| Task Order Manager | 0.00 | 0.00 | 39.00 | 975.00 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 42.00 | 1,009.62 |
| Clerical/Word Processing | 0.00 | 0.00 | 1.50 | 13.64 |
| TOTAL LABOR | 0.00 | 0.00 | 43.50 | 1,023.26 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 1,023.26 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 339.50 |
| OVERHEAD @ 43.40% | | 0.00 | | 732.27 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 152.78 |
| TOTAL COSTED LABOR | | 0.00 | | 2,247.81 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 9.50 |
| Other Direct Expenses | | 0.00 | | 0.00 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 9.50 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 9.50 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.54 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 10.04 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 2,257.85 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 5.0 REVIEW/REVISE R1/FS WP
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|----------------------------------|--------------------------|-------------|-----------------|------------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 44.00 | 615.63 |
| Draftsperson | 0.00 | 0.00 | 100.40 | 883.46 |
| Engineer | 0.00 | 0.00 | 4.00 | 56.72 |
| Technical Expert | 0.00 | 0.00 | 20.50 | 707.75 |
| Geologist | 0.00 | 0.00 | 51.00 | 909.82 |
| Health and Safety Manager | 0.00 | 0.00 | 2.00 | 48.00 |
| Project Assistant | 0.00 | 0.00 | 108.70 | 1,006.56 |
| Quality Assurance Manager | 0.00 | 0.00 | 14.20 | 315.00 |
| Senior Chemist | 0.00 | 0.00 | 7.00 | 145.38 |
| Senior Engineer | 0.00 | 0.00 | 171.00 | 3,765.64 |
| Senior Scientist | 0.00 | 0.00 | 402.00 | 8,853.28 |
| Technical Editor | 0.00 | 0.00 | 33.30 | 445.96 |
| Task Order Manager | 0.00 | 0.00 | 352.50 | 8,514.51 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 1,310.60 | 26,267.71 |
| Clerical/Word Processing | 0.00 | 0.00 | 362.70 | 3,284.93 |
| TOTAL LABOR | 0.00 | 0.00 | 1,673.30 | 29,552.64 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 29,552.64 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 10,273.38 |
| OVERHEAD @ 43.40% | | 0.00 | | 17,860.34 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 3,401.87 |
| TOTAL COSTED LABOR | | 0.00 | | 61,088.23 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 831.93 |
| Telecopying | | 0.00 | | 28.00 |
| Company Vehicle Usage | | 0.00 | | 12.41 |
| Telephone Usage | | 0.00 | | 4.68 |
| Photo Copying | | 0.00 | | 3,431.95 |
| Computer | | 0.00 | | 389.26 |
| Commercial Transportation | | 0.00 | | 583.83 |
| Hotels | | 0.00 | | 18.60 |
| Per Diem | | 0.00 | | 11.38 |
| Other Direct Expenses | | 0.00 | | 1,115.74 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 6,427.78 |
| SUBCONTRACTORS: | | | | |
| Other Subcontractors | | 0.00 | | 179.76 |
| SUBTOTAL SUBCONTRACTORS | | 0.00 | | 179.76 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 5.0 REVIEW/REVISE RI/FS WP
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|------------------------------------|---------|---------|-----------------|-----------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 6,607.54 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 378.83 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 6,986.37 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 68,074.60 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 6.0 REVISE PSC WORK PLAN
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Senior Chemist | 0.00 | 0.00 | 2.00 | 41.54 |
| Task Order Manager | 0.00 | 0.00 | 17.50 | 340.75 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 19.50 | 382.29 |
| Clerical/Word Processing | 0.00 | 0.00 | 14.80 | 135.22 |
| TOTAL LABOR | 0.00 | 0.00 | 34.30 | 517.51 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 517.51 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 172.58 |
| OVERHEAD @ 43.40% | | 0.00 | | 364.53 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 75.76 |
| TOTAL COSTED LABOR | | 0.00 | | 1,130.38 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 2.14 |
| Telecopying | | 0.00 | | 6.00 |
| Computer | | 0.00 | | 275.20 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 283.34 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 283.34 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 17.71 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 301.05 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 1,431.43 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 7.0 PREPARE AMENDMENTS PSC WP
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|------------------------------------|-----------------------------|---------|-----------------|---------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| TOTAL LEVEL OF EFFORT | | | | |
| TOTAL LABOR | 0.00 | 0.00 | 0.00 | 0.00 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 0.00 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 0.00 |
| OVERHEAD @ 43.40% | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.00 |
| TOTAL COSTED LABOR | | 0.00 | | 0.00 |
| DIRECT EXPENSES | | | | |
| SUBTOTAL DIRECT EXPENSES | | | | |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 0.00 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 0.00 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 0.00 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 0.00 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 8.0 REVISE CRP
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---|-------------|-------------|-----------------|------------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 10.60 | 126.05 |
| Contract Manager | 0.00 | 0.00 | 1.00 | 12.40 |
| Draftsperson | 0.00 | 0.00 | 4.00 | 35.20 |
| Technical Expert | 0.00 | 0.00 | 1.50 | 52.50 |
| Hydrogeologist | 0.00 | 0.00 | 344.70 | 5,304.33 |
| Project Assistant | 0.00 | 0.00 | 7.80 | 84.01 |
| Technical Editor | 0.00 | 0.00 | 9.00 | 102.66 |
| Task Order Manager | 0.00 | 0.00 | 26.50 | 676.50 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 405.10 | 6,393.65 |
| Clerical/Word Processing | 0.00 | 0.00 | 86.80 | 770.58 |
| TOTAL LABOR | 0.00 | 0.00 | 491.90 | 7,164.23 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 7,164.23 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 2,392.17 |
| OVERHEAD @ 43.40% | | 0.00 | | 5,022.55 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 1,043.33 |
| TOTAL COSTED LABOR | | 0.00 | | 15,622.28 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 266.72 |
| Telecopying | | 0.00 | | 70.00 |
| Telephone Usage | | 0.00 | | 165.34 |
| Photo Copying | | 0.00 | | 335.25 |
| Computer | | 0.00 | | 1,369.20 |
| Commercial Transportation | | 0.00 | | 2,080.32 |
| Hotels | | 0.00 | | 204.15 |
| Per Diem | | 0.00 | | 175.00 |
| Other Direct Expenses | | 0.00 | | 170.91 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 4,836.89 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 4,836.89 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 335.79 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 5,172.68 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 8.0 REVISE CRP
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT | | PROJECT TO DATE | |
|---------------------------------|------------------|------------------|-----------------|-----------|
| | REPORTING PERIOD | REPORTING PERIOD | HOURS | DOLLARS |
| | HOURS | DOLLARS | | |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 20,794.96 |

EXHIBIT I-A
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 TASK LABOR HOUR AND COST SUMMARY
 CTO 0002 TASK 9.0 IMPLEMENT COMMUN RELATION
 PERIOD ENDING OCTOBER 16, 1992

| DESCRIPTION | CURRENT REPORTING PERIOD | | PROJECT TO DATE | |
|---|--------------------------|-------------|-----------------|-----------------|
| | HOURS | DOLLARS | HOURS | DOLLARS |
| LABOR: | | | | |
| Cad Operator/Sr Drafts | 0.00 | 0.00 | 49.00 | 647.78 |
| Draftsperson | 0.00 | 0.00 | 0.00 | 0.00 |
| Geologist | 0.00 | 0.00 | 1.00 | 16.39 |
| Senior Scientist | 0.00 | 0.00 | 16.00 | 346.24 |
| Task Order Manager | 0.00 | 0.00 | 8.00 | 241.28 |
| TOTAL LEVEL OF EFFORT | 0.00 | 0.00 | 74.00 | 1,251.69 |
| TOTAL LABOR | 0.00 | 0.00 | 74.00 | 1,251.69 |
| COST ELEMENTS | | | | |
| DIRECT LABOR | | 0.00 | | 1,251.69 |
| FRINGE BENEFITS @ 35.10% | | 0.00 | | 444.35 |
| OVERHEAD @ 43.40% | | 0.00 | | 690.29 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 136.02 |
| TOTAL COSTED LABOR | | 0.00 | | 2,522.35 |
| DIRECT EXPENSES | | | | |
| Freight | | 0.00 | | 11.25 |
| Telephone Usage | | 0.00 | | 0.55 |
| Reproductions/Blueprints | | 0.00 | | 352.96 |
| Commercial Transportation | | 0.00 | | 62.60 |
| Hotels | | 0.00 | | 80.09 |
| Meals | | 0.00 | | 26.00 |
| Per Diem | | 0.00 | | 26.00 |
| Airfare | | 0.00 | | 258.00 |
| SUBTOTAL DIRECT EXPENSES | | 0.00 | | 817.45 |
| SUBCONTRACTORS: | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | |
| SUBTOTAL DIRECT EXP/SUBCONTRACTORS | | 0.00 | | 817.45 |
| GENERAL & ADMINISTRATIVE @ 2.00% | | 0.00 | | 46.59 |
| TOTAL DIRECT EXPENSES | | 0.00 | | 864.04 |
| TOTAL LABOR AND DIRECT EXPENSES | | 0.00 | | 3,386.39 |

EXHIBIT II
 NAVY CLEAN - CENTRAL AREA
 SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
 CTO 0002 COST SUMMARY
 CONTRACT N62467-89-D-0317
 PERIOD ENDING OCTOBER 16, 1992

| TASK | DESCRIPTION | UIC | FUNDING CODE | STATUS | PERCENT EXPENDED | REPORTING PERIOD | PROJECT TO DATE | ESTIMATED AUTH. BUDGET | ESTIMATE AT COMPLETION | COST VARIANCE | PERCENT VARIANCE | MOD NO. | NOTE |
|-----------------|----------------------------|--------|--------------|--------|------------------|------------------|-----------------|------------------------|------------------------|---------------|------------------|---------|------|
| 1.0 | PROGRESS REPORTS | N60200 | DERA | CLOSED | 68.35% | 0.00 | 5,842.77 | 8,548.00 | 5,842.00 | -2,706.00 | -31.66% | | X |
| 10.0 | TRC/PM MEETINGS | N60200 | DERA | CLOSED | 15.40% | 0.00 | 2,775.85 | 18,021.00 | 2,776.00 | -15,245.00 | -84.60% | | X |
| 11.0 | RECRAY/CERCLA COORDINATION | N60200 | DERA | CLOSED | 0.00% | 0.00 | 0.00 | 2,742.00 | 0.00 | -2,742.00 | -100.00% | | |
| 12.0 | SCOPE WELL STUDY | N60200 | DERA | CLOSED | 99.93% | 0.00 | 24,622.42 | 24,640.00 | 24,622.00 | -18.00 | -0.07% | | |
| 13.0 | DOCUMENT CONVERSION | N60200 | DERA | CLOSED | 54.67% | 0.00 | 2,387.92 | 4,368.00 | 2,388.00 | -1,980.00 | -45.33% | | X |
| 14.0 | REVIEW CURRENT USE SITES | N60200 | DERA | CLOSED | 34.24% | 0.00 | 1,149.56 | 3,357.00 | 1,149.00 | -2,208.00 | -65.77% | | X |
| 2.0 | REVIEW EXISTING INFO | N60200 | DERA | CLOSED | 83.05% | 0.00 | 8,468.22 | 10,196.00 | 8,468.00 | -1,728.00 | -16.95% | | X |
| 3.0 | MAINTAIN ADMIN RECORD | N60200 | DERA | CLOSED | 75.19% | 0.00 | 6,423.72 | 8,543.00 | 6,424.00 | -2,119.00 | -24.80% | | |
| 4.0 | SITTE MANAGEMENT PLAN | N60200 | DERA | CLOSED | 101.20% | 0.00 | 2,237.85 | 2,231.00 | 2,258.00 | 27.00 | 1.21% | | |
| 5.0 | REVIEW/REVISE RI/FS WP | N60200 | DERA | CLOSED | 191.55% | 0.00 | 68,074.60 | 35,539.00 | 68,075.00 | 32,536.00 | 91.55% | | |
| 6.0 | REVISE PSC WORK PLAN | N60200 | DERA | CLOSED | 20.59% | 0.00 | 1,431.43 | 6,953.00 | 1,431.00 | -5,522.00 | -79.42% | | |
| 7.0 | PREPARE AMENDMENTS PSC WP | N60200 | DERA | CLOSED | 0.00% | 0.00 | 0.00 | 10,199.00 | 0.00 | -10,199.00 | -100.00% | | X |
| 8.0 | REVISE CRP | N60200 | DERA | CLOSED | 214.03% | 0.00 | 20,794.96 | 9,716.00 | 20,795.00 | 11,079.00 | 114.03% | | X |
| 9.0 | IMPLEMENT COMMUN RELATION | N60200 | DERA | CLOSED | 27.46% | 0.00 | 3,386.39 | 12,534.00 | 3,386.00 | -8,948.00 | -72.55% | | X |
| CTO SUBTOTAL | | | | | 93.79% | 0.00 | 147,615.69 | 157,387.00 | 147,614.00 | -9,773.00 | -6.21% | | |
| RATE ADJUSTMENT | | | | | | 0.00 | 261.80 | | | | | | |
| AWARD FEE | | | | | | 0.00 | 6,216.43 | 15,503.00 | 15,503.00 | | | | |
| CTO TOTAL | | | | | | 0.00 | 154,093.92 | 172,890.00 | 163,117.00 | | | | |

TASK VARIANCE NOTE

- 1.0 CTO 2 is being closed out. No additional work will be accomplished. See status letter.
- 10.0 Fewer number of TRC/PM meetings were held than anticipated. Labor hours shifted to support other tasks.
- 13.0 This level of effort was expended writing the workplan Task #5.
- 14.0 Same as task 13.
- 2.0 Same as task 13.

EXHIBIT II
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CTO 0002 COST SUMMARY

| TASK | VARIANCE NOTE |
|------|--|
| 8.0 | Original SOW was for revision of an existing CRP. ABB-ES was required to develop a new CRP constituting a new scope. |
| 9.0 | This level of effort is currently being accomplished under CTO#035. Labor hours shifted to support other tasks. |

EXHIBIT III
NAVY CLEAN - CENTRAL AREA
SOUTHERN DIVISION, NAVAL FACILITIES ENGINEERING COMMAND
CTO 0002 LABOR HOUR SUMMARY
CONTRACT N62467-89-D-0317
PERIOD ENDING OCTOBER 16, 1992

| TASK | DESCRIPTION | UTC | FUNDING CODE | STATUS | MOD NO. | PERCENT EXPENDED | REPORTING PERIOD | PROJECT TO DATE AUTH. | ESTIMATED BUDGET | ESTIMATE AT COMPLETION | HOUR VARIANCE | PERCENT VARIANCE |
|-----------|---------------------------|--------|--------------|--------|---------|------------------|------------------|-----------------------|------------------|------------------------|---------------|------------------|
| 1.0 | PROGRESS REPORTS | N60200 | DERA | CLOSED | | 116.73% | 0.00 | 175.10 | 150.00 | 175.00 | 25.00 | 16.67% |
| 10.0 | TRC/PM MEETINGS | N60200 | DERA | CLOSED | | 15.55% | 0.00 | 42.30 | 272.00 | 42.00 | -230.00 | -84.56% |
| 11.0 | RECRA/CERCLA COORDINATION | N60200 | DERA | CLOSED | | 0.00% | 0.00 | 0.00 | 48.00 | 0.00 | -48.00 | -100.00% |
| 12.0 | SCOPE WELL STUDY | N60200 | DERA | CLOSED | | 100.68% | 0.00 | 402.70 | 400.00 | 403.00 | 3.00 | 0.75% |
| 13.0 | DOCUMENT CONVERSION | N60200 | DERA | CLOSED | | 80.00% | 0.00 | 76.80 | 96.00 | 77.00 | -19.00 | -19.79% |
| 14.0 | REVIEW CURRENT USE SITES | N60200 | DERA | CLOSED | | 23.86% | 0.00 | 21.00 | 88.00 | 21.00 | -67.00 | -76.14% |
| 2.0 | REVIEW EXISTING INFO | N60200 | DERA | CLOSED | | 98.81% | 0.00 | 166.00 | 168.00 | 166.00 | -2.00 | -1.19% |
| 3.0 | MAINTAIN ADMIN RECORD | N60200 | DERA | CLOSED | | 71.25% | 0.00 | 114.00 | 160.00 | 114.00 | -46.00 | -28.75% |
| 4.0 | SITE MANAGEMENT PLAN | N60200 | DERA | CLOSED | | 90.63% | 0.00 | 43.50 | 48.00 | 44.00 | -4.00 | -8.33% |
| 5.0 | REVIEW/REVISE RI/FS WP | N60200 | DERA | CLOSED | | 237.68% | 0.00 | 1,673.30 | 704.00 | 1,673.00 | 969.00 | 137.64% |
| 6.0 | REVISE PSC WORK PLAN | N60200 | DERA | CLOSED | | 28.58% | 0.00 | 34.30 | 120.00 | 34.00 | -86.00 | -71.67% |
| 7.0 | PREPARE AMENDMENTS PSC WP | N60200 | DERA | CLOSED | | 0.00% | 0.00 | 0.00 | 200.00 | 0.00 | -200.00 | -100.00% |
| 8.0 | REVISE CRP | N60200 | DERA | CLOSED | | 227.73% | 0.00 | 491.90 | 216.00 | 492.00 | 276.00 | 127.78% |
| 9.0 | IMPLEMENT COMMUN RELATION | N60200 | DERA | CLOSED | | 28.91% | 0.00 | 74.00 | 256.00 | 74.00 | -182.00 | -71.09% |
| CTO TOTAL | | | | | | | | | | | | |
| | | | | | | 113.29% | 0.00 | 3,314.90 | 2,926.00 | 3,315.00 | 389.00 | 13.29% |

ORDER FOR SUPPLIES OR SERVICES

Form Approved
OAS No. 6704-0187
Expires Jul 31, 1989

PAGE 1 OF 2

| | | | |
|---|-----------------------------|----------------------------|--------------------------------|
| 1 CONTRACT/PURCH ORDER NO N62467-89-D-0317 | 2 DELIVERY ORDER NO 0002 | 3 DATE OF ORDER 90DEC19 | 4 REQUISITION/PURCH REQUEST NO |
|---|-----------------------------|----------------------------|--------------------------------|

5 CERTIFIED FOR NATIONAL DEFENSE USE
OAS REG 1
DD N/A

| | | |
|---|--|--|
| 6 ISSUED BY COMMANDING OFFICER, SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND 2155 EAGLE DR., P. O. BOX 10068 CHARLESTON, S.C. 29411-0068 Janet Morris 803/743-0908 bg | 7 ADMINISTERED BY (If other than 6) CONFORMED COPY | 8 DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER (See Schedule 1 other) |
|---|--|--|

| | | |
|---|-----------------------------------|--|
| 9 CONTRACTOR NAME AND ADDRESS ABB Environmental Services, Inc. 2571 Executive Center Circle East Suite 100 Tallahassee, FL 32301 | 10 DELIVER TO FOB POINT BY (Date) | 11 MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED |
|---|-----------------------------------|--|

| | | | |
|--|---|---------------------------|--|
| 14 SHIP TO SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND 2155 EAGLE DR., P. O. BOX 10068 CHARLESTON, SC 29411-0068 ATTN: Code 0232 | 15 PAYMENT WILL BE MADE BY DISBURSING OFFICER, Code 244 NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CA 93043 | 12 DISCOUNT TERMS None | 13 MAIL INVOICES TO See Part VI, Clause 2.b. of the basic contract |
|--|---|---------------------------|--|

| | |
|--|---|
| 16 DELIVERY <input checked="" type="checkbox"/> X PURCHASE <input type="checkbox"/> | The delivery order is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract. Reference your _____ ACCEPTANCE: THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME. |
|--|---|

| | |
|--|---|
| 17 ACCOUNTING AND APPROPRIATION DATA/LOCAL USE AC 1711804.K7Q6 000 62467/0 062467 2D N60200 P5000100801F AD 1711804.K7Q6 000 62467/0 062467 2D N60200 P5000101101F | ESTIMATED Direct Costs \$157,387.00 Award Fee Pool \$ 15,503.00 |
|--|---|

| 18 ITEM NO | 19 SCHEDULE OF SUPPLIES/SERVICE | 20 QUANTITY ORDERED/ACCEPTED | 21 UNIT | 22 UNIT PRICE | 23 AMOUNT |
|------------|---|------------------------------|---------|---------------|---------------------------|
| 0001 | The contractor shall perform services as described in the Phase I portion of the attached Statement of Work dated 19 December 1990. Phase I - RI/FS and PSC Screening Work Plans, Naval Air Station, Cecil Field, FL (Continued on page 2) | 1 | JOB | | Estimated \$172,890.00 |

| | | |
|--|--|--------------------------|
| * If quantity ordered by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and ordered. | 24 UNITED STATES OF AMERICA Dwight Cargile DWIGHT CARGILE, Head, Environmental Contracts Branch, Contracting Officer BY: _____ CONTRACTING/ORDERING OFFICER | 25 TOTAL \$172,890.00 |
|--|--|--------------------------|

| | | | |
|---|---|----------------------|--------------------------------|
| 26 QUANTITY IN COLUMN 23 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED | 27 SHIP NO. <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL | 28 D.O. VOUCHER NO. | 29 INITIALS |
| DATE _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ | 31 PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL | 32 PAID BY | 33 AMOUNT VERIFIED CORRECT FOR |
| 36 I certify the account is correct and proper for payment. DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____ | 34 CHECK NUMBER | 35 BILL OF LADING NO | 36 |
| 37 RECEIVED AT | 38 RECEIVED BY | 39 DATE RECEIVED | 40 TOTAL CONTAINERS |
| | | | 41 S/R ACCOUNT NUMBER |
| | | | 42 S/R VOUCHER NO |



DEPARTMENT OF THE NAVY

SOUTHERN DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

2155 EAGLE DR., P. O. BOX 10068

CHARLESTON, S. C. 29411-0068

PLEASE ADDRESS REPLY TO THE
COMMANDING OFFICER, NOT TO
THE SIGNER OF THIS LETTER.
REFER TO:

4330
Code 0232JM
89-D-0317/0002

20 DEC 1990

ABB Environmental Services, Inc.
Attn: Tony Allen
2571 Executive Center Circle East
Suite 100
Tallahassee, FL 32301

CONTRACT N62467-89-D-0317, C.L.E.A.N. DISTRICT I, CTO 0002 - PHASE I,
RI/FS AND PSC SCREENING WORK PLANS, NAVAL AIR STATION, CECIL FIELD, FL

Gentlemen:

Enclosed is an original and one copy of a contract task order. Please sign on page 2 and return to the above address, attention Code 0232JM. You may retain the copy for your files. Receipt of this contract task order is the authority to commence work in accordance with the attached Statement of Work.

Please direct any questions to Janet Morris, (803) 743-0908.

Sincerely,

A handwritten signature in cursive script that reads "Dwight Cargile".

DWIGHT CARGILE
Head, Environmental Contracts Branch
Contracting Officer

33 36 01 010 5

ORDER FOR SUPPLIES OR SERVICES

Form Approved
OMB No. 0704-0187
Expires Jul 31, 1989

PAGE 1 OF 2

1. CONTRACT/PURCH ORDER NO: N62467-89-D-0317
 2. DELIVERY ORDER NO: 0002
 3. DATE OF ORDER: 90DEC19
 4. REQUISITION/PURCH REQUEST NO: []

5. CERTIFIED FOR NATIONAL DEFENSE UNDER OMB REG 1
 DO: N/A

6. ISSUED BY: []
**COMMANDING OFFICER, SOUTHERN DIVISION
 NAVAL FACILITIES ENGINEERING COMMAND
 2155 EAGLE DR., P. O. BOX 10068
 CHARLESTON, S.C. 29411-0068**
 Janet Morris 803/743-0908 []

7. ADMINISTERED BY (IF OTHER THAN 6) []

8. DELIVERY FOB
 DEST
 OTHER
 (See Schedule 1 when)

ORIGINAL

9. CONTRACTOR: []
ABB Environmental Services, Inc.
 2571 Executive Center Circle East
 Suite 100
 Tallahassee, FL 32301

10. DELIVER TO FOB POINT BY (Date) []
 11. MARK IF BUSINESS IS:
 SMALL
 SMALL DISADVANTAGED
 WOMEN-OWNED

12. DISCOUNT TERMS: None
 13. MAIL INVOICES TO: See Part VI, Clause 2.b. of the basic contract

14. SHIP TO: []
**SOUTHERN DIVISION
 NAVAL FACILITIES ENGINEERING COMMAND
 2155 EAGLE DR., P. O. BOX 10068
 CHARLESTON, SC 29411-0068**
 ATTN: Code 0232

15. PAYMENT WILL BE MADE BY: []
**DISBURSING OFFICER, Code 244
 NAVAL CONSTRUCTION BATTALION CENTER
 PORT HUENEME, CA 93043**

MARK ALL PACKAGES AND PAPERS WITH CONTRACT OR ORDER NUMBER

16. ORDER TYPE:
 DELIVERY This delivery order is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.
 PURCHASE Reference year: []
 ACCEPTANCE: THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR: [] SIGNATURE: [] TYPED NAME AND TITLE: [] DATE SIGNED: []

17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE
 AC 1711804.K7Q6 000 62467/0 062467 2D N60200 P5000100801F
 AD 1711804.K7Q6 000 62467/0 062467 2D N60200 P5000101101F
 ESTIMATED Direct Costs \$157,387.00
 Award Fee Pool \$ 15,503.00

| 18. ITEM NO | 19. SCHEDULE OF SUPPLIES/SERVICE | 20. QUANTITY ORDERED/ACCEPTED* | 21. UNIT | 22. UNIT PRICE | 23. AMOUNT |
|-------------|---|--------------------------------|----------|----------------|------------------------|
| 0001 | The contractor shall perform services as described in the Phase I portion of the attached Statement of Work dated 19 December 1990. Phase I - RI/FS and PSC Screening Work Plans, Naval Air Station, Cecil Field, FL (Continued on page 2) | 1 | JOB | | Estimated \$172,890.00 |

* If quantity accepted by the Government is same as quantity ordered, indicate by 2. If different, enter actual quantity accepted below quantity ordered and explain.
 24. UNITED STATES OF AMERICA *Dwight Cargile*
DWIGHT CARGILE, Head, Environmental Contracts
 Branch, Contracting Officer
 BY: [] CONTRACTING/ORDERING OFFICER

25. QUANTITY IN COLUMN 20 HAS BEEN:
 INSPECTED RECEIVED ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED
 DATE: [] SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE: []
 26. I certify the account is correct and proper for payment.
 DATE: [] SIGNATURE AND TITLE OF CERTIFYING OFFICER: []
 27. SHIP NO. []
 28. B.O. VOUCHER NO. []
 29. PAID BY []
 30. INITIALS []
 31. PAYMENT: COMPLETE PARTIAL FINAL
 32. AMOUNT VERIFIED CORRECT FOR []
 33. CHECK NUMBER []
 34. BILL OF LADING NO []
 35. RECEIVED AT [] 36. RECEIVED BY [] 37. DATE RECEIVED []
 38. TOTAL CONTAINERS [] 39. S/R ACCOUNT NUMBER [] 40. S/R VOUCHER NO []

19. Continued

| | <u>Estimated Amount</u> |
|--------------------------|-------------------------|
| Prime Contractor Cost | \$148,341.00 |
| Subcontractor cost | 3,980.00 |
| Travel cost | 5,066.00 |
| Award Fee Pool | 15,503.00 |
| Total Estimated CTO CPAF | <u>\$172,890.00</u> |

Allowing five calendar days for mail delivery, the start date for this work will be 2 January 1991.

All deliverables are specified in the attached Statement of Work.

Attachment A - Statement of Work dated 19 December 1990.

The Contractor hereby acknowledges receipt of CTO 0002, issued in accordance with the terms and conditions of Contract N62467-89-D-0317.

SIGNATURE

NAME & TITLE

DATE

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DRIVE, P. O. BOX 10068
CHARLESTON, SOUTH CAROLINA

Statement of Work

CONTRACT N62467-89-D-0317

RI/FS and PSC SCREENING WORK PLANS
and Project Administration

SECTION 1 PROJECT DESCRIPTION and BACKGROUND

- 1.1 The project is located primarily at NAS Cecil Field, Jacksonville, Florida.
- 1.2 Items from this Statement of Work are to be completed within 365 days after NTP.
- 1.3 The objective of this Statement of Work (SOW) is to revise the work plan and supporting documents for the RI/FS. Additionally, tasks that will support the Installation Restoration program management and technical work at NAS are identified in the following sections.
- 1.4 A FFA (Federal Facilities Agreement) has been negotiated between the Navy, EPA, and FDER. The Navy's obligation to fulfill many of the requirements identified in the FFA are directly impacted by the contractor's performance. Strict adherence to schedules and deadlines established under this contract is mandatory. The contractor will be held liable for any penalties assessed to the Navy which are resultant of contractor performance.

SECTION 2 - PLAN OF ACTION/PROJECT PLANNING/RECORDS

- 2.1 Work Element 1. Prepare the Plan of Action (PAO) to include the following:
 - 2.1.1 Schedules, milestones, staff and their qualifications (education and experience), materials and equipment, for each task.
 - 2.1.2 Objectives and scope of the work element, technical approach, anticipated problems, and proposed solutions, including information sources and methods to be used; and

2.1.3 The schedule shall be in sufficient detail to allow Navy and regulatory personnel to schedule field operation oversight visits. Monthly updates of the schedule shall be included in the monthly progress reports submitted to the EIC in accordance with the attached Schedule Matrix.

2.1.4 This work element will be billed as part of functions of the Project Management Office.

2.2 Work Element 2. Project Schedules and Progress Reports

2.2.1 Throughout the duration of this work the contractor shall provide written monthly progress reports describing actions which have taken place during the previous month and activities scheduled to take place during the following month. The reports shall identify any anticipated delays in meeting time schedules, the reason(s) for the delay, and actions taken to prevent or mitigate the delay. The overall project schedule shall be updated and submitted with this report.

2.2.2 Immediately upon discovery, the contractor shall notify the EIC of any significant new site conditions, any notice of Force Majeure, or cessation of work due to an imminent and substantial endangerment situation (see FFA for definitions of these conditions).

2.2.3 The contractor shall notify all subcontractors of the existence of the FFA and the significance of project deadlines. All subcontractors shall be advised of the location of the FFA for their review.

2.2.4 The contractor shall verbally and by written memorandum notify the EIC immediately of any deviation from the project schedule or the Work Plans.

2.3 Work Element 3. Review existing information:

The contractor shall become familiar with the history and current status of the Installation Restoration (IR) Program at NAS Cecil Field through thorough review of existing reports, studies, maps, lab analyses, and other relevant documents. This work shall begin upon award of CTO.

2.4 Work Element 4 Administrative Record (AR)

The contractor shall compile and establish the AR. The record shall be prepared in accordance with Navy guidance, federal law, and EPA guidance. This work shall begin upon award of CTO.

2.4.1 The contractor shall visit the activity, regulatory offices and EIC's office to conduct a review of files. All documents that clearly should be in the record shall be

returned to their original files. The EIC shall be consulted in case of uncertainty regarding any particular documents inclusion in the record. Any documents identified as missing shall be listed.

2.4.2 Once the candidate documents have been identified, a set of copies shall be provided to the EIC for review and screening. Once the review is complete, accepted documents shall be indexed sequentially and catalogued, using an approved AR index format and software.

2.4.3 Provide final copies of AR.

2.4.4 The contractor shall update the official AR at the EIC's office and a copy at the activity on a quarterly basis.

2.4.5 The contractor shall review the EPA Administrative Record format and determine its compatibility with the Navy's.

SECTION 3 - REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) PLANS

3.1 Work Element 5 Site Management Plan

The contractor shall provide assistance to the EIC in preparing the Site Management Plan which sets the prioritization of the PSCs, RI/FS and deadlines for submission of project deliverables in the FFA to the regulatory agencies. It shall include a summary of major elements of the RI/FS and PSC Screening. It should include Gantt charts, maps, a list of the sites, a discussion of operable unit approaches, milestone dates and other items deemed necessary.

3.1.1 Revise the SMP as directed.

3.2 Work Element 6 Review and revise the RI/FS Work Plan and supporting documents as directed.

The contractor shall provide copies of all Work Plans and Supporting Documents (section 9.18) on floppy disc in WorkPerfect software. These documents shall be reviewed and revised to reflect current circumstances. These documents shall be prepared and submitted in accordance with the Schedule Matrix.

SECTION 4 - POTENTIAL SOURCE of CONTAMINATION (PSC) SCREENING

4.1 Work Element 7 Review and revise PSC Work Plan and supporting documents as directed.

4.2 Work Element 8 Prepare Amendments to the PSC Screening Work Plan and supporting documents as directed.

SECTION 5 - COMMUNITY RELATIONS

5.1 Work Element 9 Revise Community Relations Plan (CRP)

- 5.1.1 Review and revise the CRP as directed.
- 5.1.2 Compile Mailing List, submit mailing list for review and approval and maintain list on IBM compatible data base (DBASE) software.
- 5.1.3 Provide news releases, fact sheets and other community relations support for emergency situations as directed.
- 5.1.4 Community Relations: The contractor shall be responsible for preparing fact sheets. The contractor shall provide 150 copies of each to the Facility IR Coordinator so that the NAS Cecil Field can mail them out to the mailing list. The contractor shall also prepare an update to the Community Relations Plan. The contractor will be notified of the schedule for submissions by the EIC.

5.2 Work Element 10 Implement the CRP

- 5.2.1 The contractor will prepare and participate in two public or TRC meetings at NAS Cecil Field. The contractor will prepare responses to technical inquiries from the TRC and other requests for information as directed.
- 5.2.2 The contractor shall provide a letter report upon completion of each event critiquing it with recommendations for improvement.

SECTION 6 - SAFETY AND HEALTH HAZARDS

- 6.1 Work Element 11 The contractor will evaluate the location and current land use of the 12 RI/FS and 6 PSC sites at NAS Cecil Field to assess the potential health and safety concerns in accordance with the OSHA Hazard Communication Standard. The objective of this evaluation will be to identify sites which should have site access restricted due to the potential for human exposure to physical or chemical hazards presented by past or current waste disposal practices. Based on the site access evaluation, the contractor will develop a brief report presenting any recommended access control measures for each site and the supporting rationale, as appropriate, and an order of magnitude cost estimate to implement the recommended actions. A draft report will be submitted to the Navy for review and comment, and a final report addressing the Navy's comments will then be prepared. The recommendations may include but are not limited to the posting of warning signs, construction of fences and gates, and discontinuing present land use activities. These evaluations will be made based on limited site data and therefore will not involve any ecological or human health risk

assessment.

SECTION 7 - RCRA/CERCLA INTERFACE

7.1 Work Element 12 The RI/FS shall incorporate RCRA requirements as required by the regulatory agencies in the RCRA Consent Order. Further the following items are required by the contractor:

- 7.1.1 The contractor will become familiar with the signed RCRA Consent Order and Closure Plan application/permit and provide technical and administrative support in accomplishing work efforts required by the regulatory agencies.
- 7.1.2 The contractor will ensure that well placement and monitoring and other investigative/remedial actions with respect to the Consent Order will not conflict with the RI/FS and PSC Work Plans and associated work.
- 7.1.3 The contractor will prepare responses to regulatory agencies information and technical requests as directed by the EIC.

SECTION 8 - WELL CASING MATERIAL TESTING PROTOCOL

- 8.1 Work Element 13 Assist in development of test protocol
 - 8.1.1 Review Well Construction Material at NAS Cecil Field and assist the EIC in developing format, site conditions and approach for tests to determine suitable well construction material.

SECTION 9 SPECIAL INSTRUCTIONS

- 9.1 Work Element 14 Contractor's representative shall attend meetings as required and provide minutes to the EIC within 10 working days.
- 9.2 The contractor shall in no case proceed to the next deliverable without receipt of government comments from the preceding deliverable.
- 9.3 A brief comment section indicating where and how each government/regulatory comment was addressed shall be a part of all deliverables, where such a section is appropriate.
- 9.4 Public Affairs - The A/E shall not make available to the news media nor make public disclosure of any data resulting from actions in this contract. The A/E shall refer all press or public contacts to the activity point-of-contact, and shall notify the EIC. The A/E may not distribute reports or data to any source, unless specifically authorized by contract or the EIC.
- 9.5 Federal Facilities Agreement: The contractor shall read and become familiar with the FFA and any updates of the Agreement as they may occur.
- 9.6 The government reserves the right to hold in abeyance or cancel the contract at the completion of any task.

- 9.7 The contractor will be responsible for obtaining all necessary permits and authorizations required to perform this study.
- 9.8 A schedule for all field work shall be coordinated with the activity representatives (904/778-6561).
- 9.9 The contractor is responsible for recording all minutes of all meetings and providing a copy of the minutes to the Engineer-in-Charge (EIC) and other attendees of the meeting. Minutes shall be distributed within 10 days of the meeting date.
- 9.10 The contractor is responsible for obtaining permission and clearance from the appropriate station security personnel to enter and perform any necessary work.
- 9.11 The contractor shall forward submissions directly to those concerned as directed herein.
- 9.16 All reports shall be formatted to adhere to the "Report Format Guidance Manual," Southern Division Naval Facilities Engineering Command.
- 9.17 Notices to Proceed (NTP) shall be by direction of the contracting officer.
- 9.18 The following are primary supporting/applicable documents:
1. Final RI/FS Work Plan, Brown and Caldwell, May 1990.
 2. Final Potential Source of Contamination Screening Work Plan, Brown and Caldwell, May 1990.
 3. Final Sampling And Analysis Plan, Brown and Caldwell, May 1990.
 4. Final Project Management Plan, Brown and Caldwell, April 1990.
 5. Final Health and Safety Plan, Brown and Caldwell, April 1990.
 6. Federal Facilities Agreement, latest edition (signed copy of the FFA will be substituted when appropriate).
- * Latest editions of documents shall be used.

SECTION 10 SUBMITTALS

- 10.1 Deliverables will be forwarded to the EIC and the activity point of contact as indicated on the schedule matrix.
- 10.2 Additional copies of documents identified in the Schedule Matrix may be required as directed.

SCHEDULE MATRIX

| WORK ELEMENT | REF PARA | SUBMITTAL | No. Copies | | SUBMITTAL DUE |
|--|-------------|--------------------------|------------|-----|--|
| | | | EIC | ACT | |
| PLAN OF ACTION | 2.1 | PAO | 4 | 1 | fee proposal |
| | | Revised POA | 4 | 1 | 14 days after EIC comments |
| PROGRESS REPORTS | 2.2 | | 2 | 2 | 10 days after beginning of each month |
| ADMINISTRATIVE RECORD (AR) | 2.4 | Draft AR | 1 | 1 | 60 days after NTP |
| | | Final AR | 1 | 2 | 30 days after EIC comments |
| | | Quarterly Update | 1 | 2 | Every 90 days from submittal of final AR |
| RI/FS WORK PLAN and Supporting Documents | 3.2 | Draft Final documents | 2 | 18 | 45 days after NTP |
| | | Final documents | 3 | 18 | 10 days after EIC comments |
| | | Floppy Disc | 2 | 0 | Concurrent with Final documents |

SCHEDULE MATRIX

| WORK ELEMENT | REF PARA | SUBMITTAL | No. Copies | | SUBMITTAL DUE |
|---|-------------|----------------------|------------|-----|--|
| | | | EIC | ACT | |
| PSC SCREENING WORK PLAN and Supporting Documents | 4.1 | Draft Final | 2 | 18 | 30 days after NTP |
| | | Final | 3 | 18 | 10 days after EIC comment |
| | | Floppy Disc | 2 | 1 | Concurrent with Final Documents |
| PSC SCREENING WORK PLAN and Supporting Documents Ammendment | 4.2 | Preliminary Draft | 3 | 3 | 60 days after notification letter |
| | | Draft | 3 | 18 | 30 days after EIC comments |
| | | Final | 3 | 18 | 21 days after |
| COMMUNTIY RELATIONS PLAN | 5.1 | Draft Final | 2 | 18 | 45 days after NTP |
| | | Final | 3 | 18 | 14 days after EIC comments |
| HEALTH and SAFETY HAZARDS REPORT | 6.1 | Draft | 1 | 1 | 60 days after NTP |
| | | Final | 2 | 2 | 14 days after EIC comments |
| WELL CASING MATERIAL TESTING PROTOCOL | 8.1 | Draft Final | 4 | 2 | 15 days after NTP |
| | | Final | 5 | 2 | 20 days after EIC comments |

ADDRESSES

A. Commanding Officer
Attn: Code 18212, Cliff Casey
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive, P.O. Box 10068
Charleston, SC 29411-0068

B. Commanding Officer
Attn: Code 18IR
Naval Air Station Cecil Field
P.O. Box 108 (Building 1)
Jacksonville, FL 32212-5000

ORDER FOR SUPPLIES OR SERVICES

Form Approved
OAS No. 0704-0187
Expires Jul 31, 1989

PAGE 1 OF 2

| | | | |
|--|------------------------------|-----------------------------|---------------------------------|
| 1. CONTRACT/PURCH ORDER NO N62467-89-D-0317 | 2. DELIVERY ORDER NO 0002 | 3. DATE OF ORDER 90DEC19 | 4. REQUISITION/PURCH REQUEST NO |
|--|------------------------------|-----------------------------|---------------------------------|

5. CERTIFIED FOR NATIONAL DEFENSE UNDER DEAR OAS A&G 1
DO N/A

| | | |
|---|--------------------------------------|------------------|
| 6. ISSUED BY COMMANDING OFFICER, SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND 2155 EAGLE DR., P. O. BOX 10068 CHARLESTON, S.C. 29411-0068 Janet Morris 803/743-0908 | 7. ADMINISTERED BY (If other than 6) | CONTRACTORS COPY |
|---|--------------------------------------|------------------|

8. DELIVERY FOB
 DEST
 OTHER
(See Schedule of Items)

| | | |
|---|------------------------------------|---|
| 9. CONTRACTOR ABB Environmental Services, Inc. 00004108 2571 Executive Center Circle East Suite 100 Tallahassee, FL 32301 | 10. DELIVER TO FOB POINT BY (Date) | 11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED |
|---|------------------------------------|---|

12. DISCOUNT TERMS
None

13. MAIL INVOICES TO See Part VI, Clause 2.b. of the basic contract

| | | |
|--|---|--|
| 14. SHIP TO SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND 2155 EAGLE DR., P. O. BOX 10068 CHARLESTON, SC 29411-0068 ATTN: Code 0232 | 15. PAYMENT WILL BE MADE BY DISBURSING OFFICER, Code 244 NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CA 93043 | MARK ALL PACKAGES AND PAPERS WITH CONTRACT OR ORDER NUMBER |
|--|---|--|

16. TYPE OF ORDER
DELIVERY PURCHASE

The delivery order is issued on another Government agency or in accordance with the subject to terms and conditions of above numbered contract.

Reference year: _____ Number the following in terms specified herein

ACCEPTANCE: THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR: _____ SIGNATURE: _____ TYPED NAME AND TITLE: _____ DATE SIGNED: _____

If the box is marked, sign-off of this sign Acceptance and return the following number of copies

17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE

| | |
|---|--|
| AC 1711804.K7Q6 000 62467/0 062467 2D N60200 P5000100801F | ESTIMATED |
| AD 1711804.K7Q6 000 62467/0 062467 2D N60200 P5000101101F | Direct Costs \$157,387.00 Award Fee Pool \$ 15,503.00 |

| 18. ITEM NO | 19. SCHEDULE OF SUPPLIES/SERVICE | 20. QUANTITY ORDERED/ACCEPTED | 21. UNIT | 22. UNIT PRICE | 23. AMOUNT |
|-------------|---|-------------------------------|----------|----------------|---------------------------|
| 0001 | The contractor shall perform services as described in the Phase I portion of the attached Statement of Work dated 19 December 1990. Phase I - RI/FS and PSC Screening Work Plans, Naval Air Station, Cecil Field, FL (Continued on page 2) | 1 | JOB | | Estimated \$172,890.00 |

24. UNITED STATES OF AMERICA
**DWIGHT CARGILE, Head, Environmental Contracts
Branch, Contracting Officer**

BY: _____ CONTRACTING, ORDERING OFFICER

25. TOTAL \$172,890.00

26. DIFFERENCES

| | | | |
|---|--|------------------------|---------------------------------|
| 25. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED | 27. SHIP NO. | 28. D.O. VOUCHER NO. | 29. INITIALS |
| DATE: _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE: _____ | <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL | 29. PAID BY | 30. AMOUNT VERIFIED CORRECT FOR |
| 36. I certify the account is correct and proper for payment. DATE: _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER: _____ | 31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL | 32. CHECK NUMBER | 33. BILL OF LADING NO |
| 37. RECEIVED AT | 38. RECEIVED BY | 39. DATE RECEIVED | 40. TOTAL CONTAINERS |
| | | 41. S/R ACCOUNT NUMBER | 42. S/R VOUCHER NO |

19. Continued

| | <u>Estimated Amount</u> |
|--------------------------|-------------------------|
| Prime Contractor Cost | \$148,341.00 |
| Subcontractor cost | 3,980.00 |
| Travel cost | 5,066.00 |
| Award Fee Pool | 15,503.00 |
| Total Estimated CTO CPAF | <u>\$172,890.00</u> |

Allowing five calendar days for mail delivery, the start date for this work will be 2 January 1991.

All deliverables are specified in the attached Statement of Work.

Attachment A - Statement of Work dated 19 December 1990.

The Contractor hereby acknowledges receipt of CTO 0002, issued in accordance with the terms and conditions of Contract N62467-89-D-0317.

SIGNATURE

NAME & TITLE

DATE

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DRIVE, P. O. BOX 10068
CHARLESTON, SOUTH CAROLINA

Statement of Work

CONTRACT N62467-89-D-0317

RI/FS and PSC SCREENING WORK PLANS
and Project Administration

SECTION 1 PROJECT DESCRIPTION- and BACKGROUND

- 1.1 The project is located primarily at NAS Cecil Field, Jacksonville, Florida.
- 1.2 Items from this Statement of Work are to be completed within 365 days after NTP.
- 1.3 The objective of this Statement of Work (SOW) is to revise the work plan and supporting documents for the RI/FS. Additionally, tasks that will support the Installation Restoration program management and technical work at NAS are identified in the following sections.
- 1.4 A FFA (Federal Facilities Agreement) has been negotiated between the Navy, EPA, and FDER. The Navy's obligation to fulfill many of the requirements identified in the FFA are directly impacted by the contractor's performance. Strict adherence to schedules and deadlines established under this contract is mandatory. The contractor will be held liable for any penalties assessed to the Navy which are resultant of contractor performance.

SECTION 2 - PLAN OF ACTION/PROJECT PLANNING/RECORDS

- 2.1 Work Element 1. Prepare the Plan of Action (PAO) to include the following:
 - 2.1.1 Schedules, milestones, staff and their qualifications (education and experience), materials and equipment, for each task.
 - 2.1.2 Objectives and scope of the work element, technical approach, anticipated problems, and proposed solutions, including information sources and methods to be used; and

2.1.3 The schedule shall be in sufficient detail to allow Navy and regulatory personnel to schedule field operation oversight visits. Monthly updates of the schedule shall be included in the monthly progress reports submitted to the EIC in accordance with the attached Schedule Matrix.

2.1.4 This work element will be billed as part of functions of the Project Management Office.

2.2 Work Element 2. Project Schedules and Progress Reports

2.2.1 Throughout the duration of this work the contractor shall provide written monthly progress reports describing actions which have taken place during the previous month and activities scheduled to take place during the following month. The reports shall identify any anticipated delays in meeting time schedules, the reason(s) for the delay, and actions taken to prevent or mitigate the delay. The overall project schedule shall be updated and submitted with this report.

2.2.2 Immediately upon discovery, the contractor shall notify the EIC of any significant new site conditions, any notice of Force Majeure, or cessation of work due to an imminent and substantial endangerment situation (see FFA for definitions of these conditions).

2.2.3 The contractor shall notify all subcontractors of the existence of the FFA and the significance of project deadlines. All subcontractors shall be advised of the location of the FFA for their review.

2.2.4 The contractor shall verbally and by written memorandum notify the EIC immediately of any deviation from the project schedule or the Work Plans.

2.3 Work Element 3. Review existing information:

The contractor shall become familiar with the history and current status of the Installation Restoration (IR) Program at NAS Cecil Field through thorough review of existing reports, studies, maps, lab analyses, and other relevant documents. This work shall begin upon award of CTO.

2.4 Work Element 4 Administrative Record (AR)

The contractor shall compile and establish the AR. The record shall be prepared in accordance with Navy guidance, federal law, and EPA guidance. This work shall begin upon award of CTO.

2.4.1 The contractor shall visit the activity, regulatory offices and EIC's office to conduct a review of files. All documents that clearly should be in the record shall be

returned to their original files. The EIC shall be consulted in case of uncertainty regarding any particular documents inclusion in the record. Any documents identified as missing shall be listed.

2.4.2 Once the candidate documents have been identified, a set of copies shall be provided to the EIC for review and screening. Once the review is complete, accepted documents shall be indexed sequentially and catalogued, using an approved AR index format and software.

2.4.3 Provide final copies of AR.

2.4.4 The contractor shall update the official AR at the EIC's office and a copy at the activity on a quarterly basis.

2.4.5 The contractor shall review the EPA Administrative Record format and determine its compatibility with the Navy's.

SECTION 3 - REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) PLANS

3.1 Work Element 5 Site Management Plan

The contractor shall provide assistance to the EIC in preparing the Site Management Plan which sets the prioritization of the PSCs, RI/FS and deadlines for submission of project deliverables in the FFA to the regulatory agencies. It shall include a summary of major elements of the RI/FS and PSC Screening. It should include Gantt charts, maps, a list of the sites, a discussion of operable unit approaches, milestone dates and other items deemed necessary.

3.1.1 Revise the SMP as directed.

3.2 Work Element 6 Review and revise the RI/FS Work Plan and supporting documents as directed.

The contractor shall provide copies of all Work Plans and Supporting Documents (section 9.18) on floppy disc in WorkPerfect software. These documents shall be reviewed and revised to reflect current circumstances. These documents shall be prepared and submitted in accordance with the Schedule Matrix.

SECTION 4 - POTENTIAL SOURCE of CONTAMINATION (PSC) SCREENING

4.1 Work Element 7 Review and revise PSC Work Plan and supporting documents as directed.

4.2 Work Element 8 Prepare Amendments to the PSC Screening Work Plan and supporting documents as directed.

SECTION 5 - COMMUNITY RELATIONS

5.1 Work Element 9 Revise Community Relations Plan (CRP)

5.1.1 Review and revise the CRP as directed.

5.1.2 Compile Mailing List, submit mailing list for review and approval and maintain list on IBM compatible data base (DBASE) software.

5.1.3 Provide news releases, fact sheets and other community relations support for emergency situations as directed.

5.1.4 Community Relations: The contractor shall be responsible for preparing fact sheets. The contractor shall provide 150 copies of each to the Facility IR Coordinator so that the NAS Cecil Field can mail them out to the mailing list. The contractor shall also prepare an update to the Community Relations Plan. The contractor will be notified of the schedule for submissions by the EIC.

5.2 Work Element 10 Implement the CRP

5.2.1 The contractor will prepare and participate in two public or TRC meetings at NAS Cecil Field. The contractor will prepare responses to technical inquiries from the TRC and other requests for information as directed.

5.2.2 The contractor shall provide a letter report upon completion of each event critiquing it with recommendations for improvement.

SECTION 6 - SAFETY AND HEALTH HAZARDS

6.1 Work Element 11 The contractor will evaluate the location and current land use of the 12 RI/FS and 6 PSC sites at NAS Cecil Field to assess the potential health and safety concerns in accordance with the OSHA Hazard Communication Standard. The objective of this evaluation will be to identify sites which should have site access restricted due to the potential for human exposure to physical or chemical hazards presented by past or current waste disposal practices. Based on the site access evaluation, the contractor will develop a brief report presenting any recommended access control measures for each site and the supporting rationale, as appropriate, and an order of magnitude cost estimate to implement the recommended actions. A draft report will be submitted to the Navy for review and comment, and a final report addressing the Navy's comments will then be prepared. The recommendations may include but are not limited to the posting of warning signs, construction of fences and gates, and discontinuing present land use activities. These evaluations will be made based on limited site data and therefore will not involve any ecological or human health risk

assessment.

SECTION 7 - RCRA/CERCLA INTERFACE

7.1 Work Element 12 The RI/FS shall incorporate RCRA requirements as required by the regulatory agencies in the RCRA Consent Order. Further the following items are required by the contractor:

- 7.1.1 The contractor will become familiar with the signed RCRA Consent Order and Closure Plan application/permit and provide technical and administrative support in accomplishing work efforts required by the regulatory agencies.
- 7.1.2 The contractor will ensure that well placement and monitoring and other investigative/remedial actions with respect to the Consent Order will not conflict with the RI/FS and PSC Work Plans and associated work.
- 7.1.3 The contractor will prepare responses to regulatory agencies information and technical requests as directed by the EIC.

SECTION 8 - WELL CASING MATERIAL TESTING PROTOCOL

- 8.1 Work Element 13 Assist in development of test protocol
 - 8.1.1 Review Well Construction Material at NAS Cecil Field and assist the EIC in developing format, site conditions and approach for tests to determine suitable well construction material.

SECTION 9 SPECIAL INSTRUCTIONS

- 9.1 Work Element 14 Contractor's representative shall attend meetings as required and provide minutes to the EIC within 10 working days.
- 9.2 The contractor shall in no case proceed to the next deliverable without receipt of government comments from the preceding deliverable.
- 9.3 A brief comment section indicating where and how each government/regulatory comment was addressed shall be a part of all deliverables, where such a section is appropriate.
- 9.4 Public Affairs - The A/E shall not make available to the news media nor make public disclosure of any data resulting from actions in this contract. The A/E shall refer all press or public contacts to the activity point-of-contact, and shall notify the EIC. The A/E may not distribute reports or data to any source, unless specifically authorized by contract or the EIC.
- 9.5 Federal Facilities Agreement: The contractor shall read and become familiar with the FFA and any updates of the Agreement as they may occur.
- 9.6 The government reserves the right to hold in abeyance or cancel the contract at the completion of any task.

- 9.7 The contractor will be responsible for obtaining all necessary permits and authorizations required to perform this study.
- 9.8 A schedule for all field work shall be coordinated with the activity representatives (904/778-6561).
- 9.9 The contractor is responsible for recording all minutes of all meetings and providing a copy of the minutes to the Engineer-in-Charge (EIC) and other attendees of the meeting. Minutes shall be distributed within 10 days of the meeting date.
- 9.10 The contractor is responsible for obtaining permission and clearance from the appropriate station security personnel to enter and perform any necessary work.
- 9.11 The contractor shall forward submissions directly to those concerned as directed herein.
- 9.16 All reports shall be formatted to adhere to the "Report Format Guidance Manual," Southern Division Naval Facilities Engineering Command.
- 9.17 Notices to Proceed (NTP) shall be by direction of the contracting officer.
- 9.18 The following are primary supporting/applicable documents:
1. Final RI/FS Work Plan, Brown and Caldwell, May 1990.
 2. Final Potential Source of Contamination Screening Work Plan, Brown and Caldwell, May 1990.
 3. Final Sampling And Analysis Plan, Brown and Caldwell, May 1990.
 4. Final Project Management Plan, Brown and Caldwell, April 1990.
 5. Final Health and Safety Plan, Brown and Caldwell, April 1990.
 6. Federal Facilities Agreement, latest edition (signed copy of the FFA will be substituted when appropriate).
- * Latest editions of documents shall be used.

SECTION 10 SUBMITTALS

- 10.1 Deliverables will be forwarded to the EIC and the activity point of contact as indicated on the schedule matrix.
- 10.2 Additional copies of documents identified in the Schedule Matrix may be required as directed.

SCHEDULE MATRIX

| WORK ELEMENT | REF PARA | SUBMITTAL | No. Copies | | SUBMITTAL DUE |
|--|-------------|--------------------------|------------|-----|--|
| | | | EIC | ACT | |
| PLAN OF ACTION | 2.1 | PAO | 4 | 1 | fee proposal |
| | | Revised POA | 4 | 1 | 14 days after EIC comments |
| PROGRESS REPORTS | 2.2 | | 2 | 2 | 10 days after beginning of each month |
| ADMINISTRATIVE RECORD (AR) | 2.4 | Draft AR | 1 | 1 | 60 days after NTP |
| | | Final AR | 1 | 2 | 30 days after EIC comments |
| | | Quarterly Update | 1 | 2 | Every 90 days from submittal of final AR |
| RI/FS WORK PLAN and Supporting Documents | 3.2 | Draft Final documents | 2 | 18 | 45 days after NTP |
| | | Final documents | 3 | 18 | 10 days after EIC comments |
| | | Floppy Disc | 2 | 0 | Concurrent with Final documents |

SCHEDULE MATRIX

| WORK ELEMENT | REF PARA | SUBMITTAL | No. Copies | | SUBMITTAL DUE |
|---|-------------|----------------------|------------|-----|--|
| | | | EIC | ACT | |
| PSC SCREENING WORK PLAN and Supporting Documents | 4.1 | Draft Final | 2 | 18 | 30 days after NTP |
| | | Final | 3 | 18 | 10 days after EIC comment |
| | | Floppy Disc | 2 | 1 | Concurrent with Final Documents |
| PSC SCREENING WORK PLAN and Supporting Documents Ammendment | 4.2 | Preliminary Draft | 3 | 3 | 60 days after notification letter |
| | | Draft | 3 | 18 | 30 days after EIC comments |
| | | Final | 3 | 18 | 21 days after |
| COMMUNTIY RELATIONS PLAN | 5.1 | Draft Final | 2 | 18 | 45 days after NTP |
| | | Final | 3 | 18 | 14 days after EIC comments |
| HEALTH and SAFETY HAZARDS REPORT | 6.1 | Draft | 1 | 1 | 60 days after NTP |
| | | Final | 2 | 2 | 14 days after EIC comments |
| WELL CASING MATERIAL TESTING PROTOCOL | 8.1 | Draft Final | 4 | 2 | 15 days after NTP |
| | | Final | 5 | 2 | 20 days after EIC comments |

ADDRESSES

A. Commanding Officer
Attn: Code 18212, Cliff Casey
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive, P.O. Box 10068
Charleston, SC 29411-0068

B. Commanding Officer
Attn: Code 18IR
Naval Air Station Cecil Field
P.O. Box 108 (Building 1)
Jacksonville, FL 32212-5000



DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DR., P. O. BOX 10068
CHARLESTON, S. C. 29411-0068

PLEASE ADDRESS REPLY TO THE
COMMANDING OFFICER, NOT TO
THE SIGNER OF THIS LETTER.
REFER TO:

4330
Code 0232JM
89-D-0317/0002

20 DEC 1990

NTP

ABB Environmental Services, Inc.
Attn: Tony Allen
2571 Executive Center Circle East
Suite 100
Tallahassee, FL 32301

CONTRACT N62467-89-D-0317, C.L.E.A.N. DISTRICT I, CTO 0002, PHASE I,
RI/FS AND PSC SCREENING WORK PLANS, NAVAL AIR STATION, CECIL FIELD, FL

Gentlemen:

Enclosed is an original and one copy of a contract task order. Please sign on page 2 and return to the above address, attention Code 0232JM. You may retain the copy for your files. Receipt of this contract task order is the authority to commence work in accordance with the attached Statement of Work.

Please direct any questions to Janet Morris, (803) 743-0908.

Sincerely,

Dwight Cargile

DWIGHT CARGILE
Head, Environmental Contracts Branch
Contracting Officer

20 DEC 1990

File



DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DR., P. O. BOX 10068
CHARLESTON, S. C. 29411-0068

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4330
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89-D-0317/0002

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Contracting Officer

73 6 01 003 97

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DRIVE, P. O. BOX 10068
CHARLESTON, SOUTH CAROLINA

Statement of Work

CONTRACT N62467-89-D-0317

RI/FS and PSC SCREENING WORK PLANS
and Project Administration

SECTION 1 PROJECT DESCRIPTION and BACKGROUND

- 1.1 The project is located primarily at NAS Cecil Field, Jacksonville, Florida.
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SECTION 5 - COMMUNITY RELATIONS

5.1 Work Element 9 Revise Community Relations Plan (CRP)

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|--|-------------|--------------------------|------------|-----|--|
| | | | EIC | ACT | |
| PLAN OF ACTION | 2.1 | PAO | 4 | 1 | fee proposl |
| | | Revised POA | 4 | 1 | 14 days after EIC comments |
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| | | Floppy Disc | 2 | 0 | Concurrent with Final documents |

ADDRESSES

A. Commanding Officer
Attn: Code 18212, Cliff Casey
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive, P.O. Box 10068
Charleston, SC 29411-0068

B. Commanding Officer
Attn: Code 18IR
Naval Air Station Cecil Field
P.O. Box 108 (Building 1)
Jacksonville, FL 32212-5000

- 9.7 The contractor will be responsible for obtaining all necessary permits and authorizations required to perform this study.
- 9.8 A schedule for all field work shall be coordinated with the activity representatives (904/778-6561).
- 9.9 The contractor is responsible for recording all minutes of all meetings and providing a copy of the minutes to the Engineer-in-Charge (EIC) and other attendees of the meeting. Minutes shall be distributed within 10 days of the meeting date.
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SECTION 10 SUBMITTALS

- 10.1 Deliverables will be forwarded to the EIC and the activity point of contact as indicated on the schedule matrix.
- 10.2 Additional copies of documents identified in the Schedule Matrix may be required as directed.

7503-11.1.1 #2



DEPARTMENT OF THE NAVY

SOUTHERN DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

2155 EAGLE DR., P. O. BOX 10068

CHARLESTON, S. C. 29411-0068

PLEASE ADDRESS REPLY TO THE
COMMANDING OFFICER NOT TO
THE SIGNER OF THIS LETTER.
REFER TO:

4330
Code 0232P(0)
89-R-0317
CTO #0002
2 OCT 1990

Mr. Tony Allen
ABB Environmental Services, Inc.
2571 Executive Center Circle East
Suite 100
Tallahassee, FL 32301

CONTRACT N62467-89-D-0317, COST PLUS AWARD FEE INDEFINITE
QUANTITY CONTRACT FOR COMPREHENSIVE LONG-TERM ENVIRONMENTAL
ACTION, NAVY (C.L.E.A.N.) DISTRICT I; CONTRACT TASK ORDER (CTO)
NO. 0002, INSTALLATION RESTORATION RI/FS AND PSC SCREENING

Dear Mr. Allen:

The Government wishes to place a Contract Task Order (CTO) in
accordance with the terms of the subject contract. The required
services for this CTO are stated in enclosure (1), Statement of
Work, dated 19 September 1990.

The only effort authorized by this letter is the initial site
visit for purposes of developing a Plan of Action (POA). Funding
for this site visit was negotiated under the Program Management
Office as established in CTO #1.

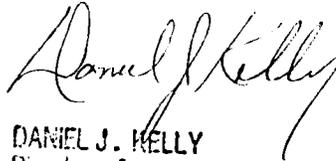
Within five (5) days of receipt of this letter, please contact
the Engineer-in-Charge, Mr. Clifton Casey at (803) 743-0561 to
schedule a site visit. After making the site visit, you should
submit a Site Visit Report with a POA to: Commanding Officer,
Southern Division, Naval Facilities Engineering Command, ATTN:
Code 18C, 2155 Eagle Drive, P.O. Box 10068, Charleston, SC 29411-
0068. The POA should include a list of tasks required to
complete the work, as determined during the site visit. After
receipt of the POA the Contracting Officer will provide written
approval or disapproval of the proposed tasks and issue a request
for preparation of a cost estimate. This cost estimate, along
with the approved POA, will be utilized as your proposal for
negotiations.

4:11 03 1990

You are reminded that this letter does not constitute authority to proceed with any work specified in the Statement of Work other than the initial Site Visit. Issuance of the CTO is dependent upon the successful completion of negotiations. In the unlikely event that these negotiations are unsuccessful, the Government cannot be held liable for any expenses incurred by your firm for items other than those previously negotiated under CTO #1 (PMO).

RELEASE OF INFORMATION. Southern Division, Naval Facilities Engineering Command is the releasing authority for all information/documents regarding projects contracted out to private firms. Therefore, the contractor or any contractor personnel shall obtain approval before publicizing, discussing, or releasing any documents or information concerning this or any other project with anyone other than government personnel associated with the project in question. Inquiries may be directed to Mrs. Janet Morris, Code 0232JM, at (803) 743-0908.

Sincerely,



DANIEL J. KELLY
Director, Svcs / Environ
Contract Division

Encl:

(1) Statement of Work, CTO #0002

19 SEPTEMBER 1990
CODE 11518

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DRIVE, P. O. BOX 10068
CHARLESTON, SOUTH CAROLINA

Statement of Work

CONTRACT N62467-89-D-0317

INSTALLATION RESTORATION
RI/FS and PSC SCREENING

SECTION 1 PROJECT DESCRIPTION and BACKGROUND

- 1.1 The project is located primarily at NAS Cecil Field, Jacksonville, Florida. Some minor work located at various sites within U.S. EPA Region IV.
- 1.2 Items from this Statement of Work are to be completed within 76 weeks after NTP.
- 1.3 The objective of this Statement of Work (SOW) is to perform the Field Work identified in the Final RI/FS Work Plan and the PSC Work Plan. The field work will adhere to the QA/QC criteria as approved by the Navy and regulatory agencies in the Sampling and Analysis Plans. Procedures defined in the Project Management Plan and the Health and Safety Plan shall also be followed.
- 1.4 The RI/FS and PSC Screening Work Plans and associated documents (Sampling and Analysis Plan, Community Relations Plan, ect.) have been submitted to EPA and FDER for final approval.
- 1.5 A FFA (Federal Facilities Agreement) has been negotiated between the Navy, EPA, and FDER. Signing of the FFA is expected to occur before or during the time that field work will take place. The Navy's obligation to fulfill many of the requirements identified in the FFA are directly impacted by the contractor's performance. Strict adherence to schedules and deadlines established under this contract is mandatory. The contractor will be held liable for any penalties assessed to the Navy which are resultant of contractor performance.

Enclosure (1)

SECTION 2 - IMPLEMENTATION PLAN/PROJECT PLANNING

2.1 Work Element 1. Prepare the Implementation Plan (IP) to include the following:

- 2.1.1 Schedules, milestones, staff and their qualifications (education and experience), materials and equipment, for each task.
- 2.1.2 Objectives and scope of the work element, technical approach, anticipated problems, and proposed solutions, including information sources and methods to be used; and
- 2.1.3 Cost estimates for each of the work element identified on Activity Data Sheets.
- 2.1.4 The schedule shall be in sufficient detail to allow Navy and regulatory personnel to schedule field operation oversight visits. Monthly updates of the schedule shall be included in the monthly progress reports submitted to the EIC in accordance with the attached Schedule Matrix.

2.2 Work Element 2. Project Schedules and Progress Reports

- 2.2.1 In addition to section 2.1, the schedule shall be updated monthly and submitted to the EIC with the monthly progress reports as discussed below.
- 2.2.2 Throughout the duration of this work the contractor shall provide written monthly progress reports describing actions which have taken place during the previous month and activities scheduled to take place during the following month. The reports shall identify any anticipated delays in meeting time schedules, the reason(s) for the delay, and actions taken to prevent or mitigate the delay. The overall project schedule shall be updated and submitted with this report.
- 2.2.3 Immediately upon discovery, the contractor shall notify the EIC of any significant new site conditions, any notice of Force Majeure, or cessation of work due to an imminent and substantial endangerment situation (see FFA for definitions of these conditions).
- 2.2.4 The contractor shall notify all subcontractors of the existence of the FFA and the significance of project deadlines. All subcontractors shall be advised of the location of the FFA for their review.
- 2.2.5 The contractor shall be prepared to allow Parties to the FFA to take split samples. A minimum of 28 days notice to the EIC is required before any sampling can occur.

2.2.6 The contractor shall provide as soon as possible, but no later than 105 days after collection, quality assured results of sampling, tests, or other data generated with respect to this Task Order.

2.2.7 The contractor shall verbally and by written memorandum notify the EIC immediately of any deviation from the project schedule or the Work Plans.

2.3 Work Element 3. Review existing information:

The contractor shall become familiar with the history and current status of the Installation Restoration (IR) Program at NAS Cecil Field through thorough review of existing reports, studies, maps, lab analyses, and other relevant documents. This work shall begin upon award of CTO.

2.3.1 A visit to the activity will be required. Visits shall be for the purpose of:

2.3.1.1 Familiarizing the contractor's team with the IR sites at the activity

2.3.1.2 Assessing the current status, condition, and usability of any existing monitoring and supply wells to be used in the investigation.

2.3.1.3 Data collection from activity files for familiarizing the contractor's team with existing reports, studies, analyses, and other relevant documents

2.3.1.4 Data/document collection for inclusion in the Administrative Record (AR)

2.3.2 Contractor shall plan visits so all work required under Section 2 can be accomplished with minimum travel costs.

2.4 Work Element 4 Administrative Record (AR)

The contractor shall compile and establish the AR. The record shall be prepared in accordance with Navy guidance, federal law, and EPA guidance. This work shall begin upon award of CTO.

2.4.1 The contractor shall visit the activity, regulatory offices and EIC's office to conduct a review of files. All documents that clearly should be in the record shall be returned to their original files. The EIC shall be consulted in case of uncertainty regarding any particular documents inclusion in the record. Any documents identified as missing shall be listed.

- 2.4.2 Once the candidate documents have been identified, a set of copies shall be provided to the EIC for review and screening. Once the review is complete, accepted documents shall be indexed sequentially and catalogued, using an approved AR index format and software.
- 2.4.3 Provide final copies of AR.
- 2.4.4 The contractor shall update the official AR at the EIC's office and a copy at the activity on a quarterly basis.
- 2.5 Work Element 5 The contractor shall provide copies of all Work Plans and Supporting Documents (section 9.18) on floppy disc. These documents shall be reviewed and revised to reflect current circumstances. These documents shall be prepared and submitted in accordance with sections 3.2 and/or 4.1 and the associated Schedule Matrix.

SECTION 3 - REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)

3.1 Work Element 6 Site Management Plan

The contractor shall provide assistance to the EIC in preparing the Site Management Plan which sets the prioritization of the PSCs, RI/FS and deadlines for submission of project deliverables in the FFA to the regulatory agencies. It shall include a summary of major elements of the RI/FS and PSC Screening. It should include Gantt charts, maps, a list of the sites, a discussion of operable unit approaches, milestone dates and other items deemed necessary.

3.1.1 Revise the SMP as directed.

3.2 Work Element 7 Review and revise the RI/FS Work Plan and supporting documents as directed.

3.3 Work Element 8 Implement the RI/FS Work Plan

This task involves implementation of the approved RI/FS Work Plan in accordance with the approved supporting documents (e.g., Sampling and Analysis Plan, Health and Safety Plan, ect.). This task includes the preparation of the RI reports in accordance with applicable EPA and Navy guidance and regulations.

3.4 Work Element 9 Prepare Amendments to the RI/FS Work Plan and supporting documents as directed.

SECTION 4 - POTENTIAL SOURCE of CONTAMINATION (PSC) SCREENING

4.1 Work Element 10 Review and Revise PSC Work Plan and supporting documents as directed.

4.2 Work Element 11 Implement PSC Work Plan

4.2.1 Potential Source of Contamination (PSC) Screening Field Work shall be implemented as described in the PSC Screening Work Plan.

4.2.2 All PSC screening field activities shall be conducted using procedures, techniques, and protocol established in the RI/FS Sampling and Analysis Plan and the Health and Safety Plan.

4.2.3 Upon completion of the PSC screening field activities, the contractor shall prepare a PSC screening report. The report shall include findings of the investigation, analytical data (including QA/QC data), and recommendations for a no-further action decision or inclusion into the RI/FS. The PSC Screening Report shall be submitted to the EIC in accordance with the attached Schedule Matrix.

4.3 Work Element 12 Prepare Amendments to the PSC Screening Work Plan and supporting documents as directed.

SECTION 5 - COMMUNITY RELATIONS

5.1 Work Element 13 Revise Community Relations Plan (CRP)

5.1.1 Review and revise the CRP as directed.

5.1.2 Compile Mailing List, submit mailing list for review and approval and maintain list on IBM compatible data base (DBASE) software.

5.1.3 Provide news releases, fact sheets and other community relations support for emergency situations as directed.

5.1.4 Community Relations: The contractor shall be responsible for preparing fact sheets. The contractor shall provide 150 copies of each to the Facility IR Coordinator so that the NAS Cecil Field can mail them out to the mailing list. The contractor shall also prepare an update to the Community Relations Plan. The contractor will be notified of the schedule for submissions by the EIC.

5.2 Work Element 14 Implement the CRP

5.2.1 In addition to the items discussed in Task 2.1, the detailed proposal for this work shall include a description of the contractor's responsibilities, the Navy's responsibilities and a cost for each community relations event recommended in the CRP.

5.2.2 Implement the events approved in the CRP and provide a letter report upon completion of each event critiquing it.

5.2.3 If the activity is included in the CRP the contractor may be directed to provide additional quantities using the agreed budget. An example would be press releases or fact sheets would be required in greater quantity than indicated in the original CRP.

SECTION 6 - EXCEPTIONS AND ADDITIONS TO THE WORK PLANS

This SOW provides for implementation of Phase II of the RI/FS field work as described in the RI/FS Work Plan. Exceptions and additions to the Work Plan are described below:

6.1 Work Element 15 The field investigation shall be implemented as described in the Work Plan with the following exceptions:

6.1.1 Following completion of the geophysical field work, the contractor shall prepare a Technical Memorandum describing the findings and proposed locations of monitoring wells and soil borings. The Technical Memorandum shall be submitted in draft and final form to the EIC and Facility IR Coordinator in accordance with the Schedule Matrix.

6.1.2 In addition to the tasks described in the Work Plan, the contractor shall install two piezometers (approximately 120' deep), to determine hydrogeologic conditions of the secondary aquifer. The contractor shall also abandon one well at site 17. The well casing was destroyed earlier this year during deforestation. Prior to well abandonment, the contractor shall submit the well abandonment procedures for EIC approval.

6.1.3 The contractor's field manager shall keep detailed notes documenting field conditions, sampling procedures, decontamination procedures, and other pertinent field data. Notes shall be kept in glue-bound log books, with numbered pages. Copies of the field notes shall be included in the validation package for the Phase II Report. The original log books shall be submitted to the EIC for inclusion in the Administrative Record.

6.1.4 The contractor shall participate in TRC/Project Managers' meetings: at minimum, one to occur at the beginning of field work; one following geophysical investigation, to stake-out locations of the monitoring wells; and one at the completion of the RI Phase II. All meetings will be conducted at NAS Cecil Field.

- 6.1.5 The contractor shall prepare and submit to the EIC and Facility IR Manager all well drilling and construction permits. The Facility IR Manager will submit well permits and application fees to appropriate authorities. Well completion reports for permanent monitoring wells will be submitted to the EIC.
- 6.2 Work Element 16 Laboratory Sample Analysis/Validation shall be conducted as described in the work plans. The contractor shall submit all analytical results as described. A complete set of analytical data shall be provided to the EIC on hard copy and on microfiche (number of copies are specified in the Schedule Matrix).
- 6.3 Work Element 17 Data Evaluation shall be conducted as described in the work plans. A minimum of four Technical Memorandum shall be prepared during this task reporting findings on soil boring data, monitoring well installation, surface water data, and groundwater data. Two copies of the diskettes storing the data shall be submitted to the EIC. Diskettes shall be 5 1/4" using a data base that is compatible with DBASE format.
- 6.4 Work Element 18 The contractor shall begin the conceptual development of remedial alternative planning. This task will provide the contractor the ability to make recommendations in the Phase II Interim RI/FS Report.
- 6.5 Work Element 19 The contractor shall begin tasks to develop the Baseline Risk Assessment. A complete Baseline Risk Assessment shall be conducted for PSC Screening and RI/FS locations where a no further action recommendation is made. The Baseline Risk Assessment shall include contaminant identification, toxicological assessment exposure assessment, and risk characterization.
- 6.6 Work Element 20 Upon completion of the above tasks, the contractor shall prepare a draft and final Phase II Interim RI/FS Report. The report shall summarize all findings of the investigation as well as recommendations for no further action or tasks to be included in Phase III.

SECTION 7 - RCRA/CERCLA INTERFACE

- 7.1 Work Element 21 The RI/FS shall incorporate RCRA requirements as required by the regulatory agencies in the RCRA Consent Order.
- 7.1.1 The contractor will become familiar with the signed RCRA Consent Order and provide technical and administrative support in accomplishing work efforts required by the regulatory agencies.

- 7.1.2 The contractor will ensure that well placement and monitoring with respect to the Consent Order will not impede the RI/FS process.
- 7.1.3 The contractor will prepare responses to regulatory agencies information and technical requests as directed by the EIC.
- 7.1.4 The contractor will prepare permit applications and/or reports required by the regulatory agencies as directed by the EIC.
- 7.1.5 The contractor will install, develop, provide sampling and analysis of wells in support of this work as directed by the EIC.

SECTION 8 - WELL CONSTRUCTION MATERIAL COMPARISON

- 8.1 Work Element 22 Assist in development of test protocol
 - 8.1.1 Review Well Construction Material at NAS Cecil Field and assist the EIC in developing format, site conditions and approach for tests to determine suitable well construction material.
 - 8.1.2 Install monitoring wells at various locations within EPA Region IV to support comparison.
 - 8.1.3 Provide site sampling and analysis equipment and services to support comparison.
 - 8.1.4 Provide drafting and report development materials and services as directed.

SECTION 9 SPECIAL INSTRUCTIONS

- 9.1 Work Element 23 Contractor's representative shall attend meetings as required and provide minutes to the EIC within 10 working days.
- 9.2 The contractor shall in no case proceed to the next deliverable without receipt of government comments from the preceding deliverable.
- 9.3 A brief comment section indicating where and how each government/regulatory comment was addressed shall be a part of all deliverables, where such a section is appropriate.

- 9.4 Public Affairs - The A/E shall not make available to the news media nor make public disclosure of any data resulting from actions in this contract. The A/E shall refer all press or public contacts to the activity point-of-contact, and shall notify the EIC. The A/E may not distribute reports or data to any source, unless specifically authorized by contract or the EIC.
- 9.5 Federal Facilities Agreement: The contractor shall read and become familiar with the FFA and any updates of the Agreement as they may occur.
- 9.6 The government reserves the right to hold in abeyance or cancel the contract at the completion of any task.
- 9.7 The contractor will be responsible for obtaining all necessary permits and authorizations required to perform this study.
- 9.8 A schedule for all field work shall be coordinated with the activity representatives (904/778-6561).
- 9.9 The contractor is responsible for recording all minutes of all meetings and providing a copy of the minutes to the Engineer-in-Charge (EIC) and other attendees of the meeting. Minutes shall be distributed within 10 days of the meeting date.
- 9.10 The contractor is responsible for obtaining permission and clearance from the appropriate station security personnel to enter and perform any necessary work.
- 9.11 The contractor shall forward submissions directly to those concerned as directed herein.
- 9.12 The contractor shall be responsible for returning drilling and sampling sites back to their original condition after site work is complete.
- 9.13 The contractor shall coordinate the handling of drums for storage of excessively contaminated boreholes cuttings and drilling fluid with the activity prior to starting field work.
- 9.14 The contractor shall adhere to quality control limits, set in the work plans. In the event quality standards are not met the contractor will repeat the work at no cost to the government on a mutually agreed upon schedule.
- 9.15 The contractor shall be responsible for obtaining all utility clearances from the proper authorities prior to beginning any drilling or excavation work.
- 9.16 All reports shall be formatted to adhere to the "Report Format Guidance Manual," Southern Division Naval Facilities Engineering Command.

9.17 Notices to Proceed (NTP) shall be by direction of the contracting officer.

9.18 The following are primary supporting/applicable documents:

1. Final RI/FS Work Plan, Brown and Caldwell, May 1990.
2. Final Potential Source of Contamination Screening Work Plan, Brown and Caldwell, May 1990.
3. Final Sampling And Analysis Plan, Brown and Caldwell, May 1990.
4. Final Project Management Plan, Brown and Caldwell, April 1990.
5. Final Health and Safety Plan, Brown and Caldwell, April 1990.
6. Federal Facilities Agreement, latest edition (signed copy of the FFA will be substituted when appropriate).

* Latest editions of documents shall be used.

SECTION 10 SUBMITTALS

10.1 Deliverables will be forwarded to the EIC and the activity point of contact as indicated on enclosures.

10.2 Additional copies of documents identified in the Schedule Matrix may be required as directed.

10.3 Work Element The contractor shall provide two copies of all Final and Amended Work Plans and supporting documents on floppy disc in WordPerfect software to the EIC.

SCHEDULE MATRIX

| WORK ELEMENT | REF PARA | SUBMITTAL | No. Copies | | SUBMITTAL DUE |
|---|-------------|---------------------|------------|-----|--|
| | | | EIC | ACT | |
| Prepare Implementation Plan | 2.1 | IP | 2 | 1 | 30 days |
| | | Revised IP | 2 | 1 | 14 days after EIC comments |
| Progress Reports | 2.2 | | 2 | 20 | 10 days after beginning of each month |
| Compile Administrative Record (AR) | 2.4 | Submit documents | 1 | 1 | 30 days after approval of detailed IP |
| | | Final AR | 1 | 2 | 30 days after EIC comments |
| | | Quarterly Update | 1 | 2 | Every 90 days from submittal of final AR |
| Revise RI/FS Work Plan and Supporting Documents | 3.2 | Draft documents | 2 | 18 | 30 days after approval of detailed IP |
| | | Final documents | 3 | 18 | 10 days after EIC comments |
| | | Floppy Disc | 2 | 0 | Concurrent with Final documents |

SCHEDULE MATRIX

| WORK ELEMENT | REF PARA | SUBMITTAL | No. Copies | | SUBMITTAL DUE |
|---|-------------|--|--------------|-----|--|
| | | | ----- EIC | ACT | |
| ===== | | | | | |
| Implement RI/FS Work Plan | 3.3 | Field Work | | | Begin within 30 days of approval of detailed IP |
| | | Preliminary Draft Interim RI/FS Report | 3 | 3 | 90 days after completion of RI/FS field work |
| | | Draft Interim RI/FS Report | 4 | 18 | 15 days after EIC comments |
| | | Final Interim RI/FS Report | 4 | 18 | 10 days after EIC comments |
| ----- | | | | | |
| Prepare RI/FS Work Plan and Supporting Documents Amendment | 3.4 | Preliminary Draft documents Amendment | 3 | 3 | 60 days after approval of detailed IP |
| | | Draft documents Amendment | 3 | 18 | 30 days after EIC comments |
| | | Final documents Amendment | 3 | 18 | 21 days after EIC comments |
| ----- | | | | | |
| Revise PSC Work Plan and Supporting Documents | 4.1 | Draft Report | 2 | 18 | 30 days after approval of IP |
| | | Final Report | 3 | 18 | 10 days after EIC comment |
| | | Floppy Disc | 2 | 0 | Concurrent with Final Report |
| ----- | | | | | |

SCHEDULE MATRIX

| WORK ELEMENT | REF PARA | SUBMITTAL | No. Copies | | SUBMITTAL DUE |
|---|-------------|----------------------|------------|-----|--|
| | | | EIC | ACT | |
| ===== | | | | | |
| Implement PSC Work Plan 4.2 | | Field Work | | | Begin within 30 days of approval of IP |
| | | Draft Report | 3 | 18 | 45 days after completion of field work |
| | | Final Report | 3 | 18 | 21 days after EIC comments |
| ----- | | | | | |
| Prepare PSC Work Plan and Supporting Documents Amendment | 4.3 | Preliminary Draft | 3 | 3 | 60 days after approval of detailed IP |
| | | Draft | 3 | 18 | 30 days after EIC comments |
| | | Final | 3 | 18 | 21 days after EIC comments |
| ----- | | | | | |
| GEOPHYSICAL TECHNICAL MEMORANDUM | 6.1.1 | Draft | 3 | 18 | 15 business days after geophysical work |
| | | Final | 3 | 18 | 10 days after EIC comments |
| ----- | | | | | |

SCHEDULE MATRIX

| WORK ELEMENT | REF PARA | SUBMITTAL | No. Copies | | SUBMITTAL DUE |
|--|-------------|------------|------------|-----|--|
| | | | EIC | ACT | |
| DATA EVALUATION Technical Memorandums 6.3 | | | 2 | 18 | 21 days after receipt of corresponding sample analyses |
| QA/QC SAMPLE ANALYSES | 6.2 | hard copy | 2 | 5 | 105 days after collection of samples |
| | | microfiche | 2 | 4 | |
| WELL CONSTRUCTION TEST PROTOCOL | 8.1 | Draft | 4 | 2 | 15 days after approval of detailed IP |
| | | Final | 5 | 2 | 20 days after EIC comments |

ADDRESSES

A. Commanding Officer
 Attn: Code 118212, Cliff Casey
 Southern Division
 Naval Facilities Engineering Command
 2155 Eagle Drive, P.O. Box 10068
 Charleston, SC 29411-0068

B. Commanding Officer
 Attn: Code 18IR
 Naval Air Station Cecil Field
 P.O. Box 108 (Building 1)
 Jacksonville, FL 32212-5000



7503-32

December 14, 1990

Commanding Officer
ATTN: Mr. Cliff Casey, Code 18212
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Charleston SC 29411-0068

SUBJECT: Final Work Plan Submittal, CTO No. 0002
Navy CLEAN District I
Contract N62467-89-D-0317

Dear Cliff:

In accordance with the provisions delineated in Part VII, Para .5 (d) of the subject contract, ABB Environmental Services (ABB-ES), Inc. is pleased to provide you with the attached Final Work Plan for Contract Task Order (CTO) No. 0002 entitled "RI/FS and PSC screening Work Plans and Project Administration at NAS Cecil Field".

The attached Final Work Plan addresses the revised Statement of Work dated 19 November 1990 and the negotiations conducted at Southern Division on 12 December 1990. The scope of services, cost estimate spreadsheet, ABB-ES Fee Itemization Form, schedule of activities, SF-1411, and Certificate of Current Cost and Pricing Data are included.

If you have any questions, please call me at 904-656-1293. We look forward to working with you on the completion of this project.

Very truly yours,

ABB ENVIRONMENTAL SERVICES INC.

Margaret E. Layne, P.E.
Task Order Manager

ABB Environmental Services Inc.

FINAL WORK PLAN
RI/FS AND PSC SCREENING WORK PLANS
AND PROJECT ADMINISTRATION
NAS CECIL FIELD, FLORIDA
Contract Task Order No. 0002
Navy CLEAN - District I
Contract No. N62467-89-D-0317

December 1990

I. INTRODUCTION

On September 6, 1990, Southern Division Naval Facilities Engineering Command (SOUTHDIV) contracted with ABB Environmental Services, Inc. (ABB-ES) to assist the Navy's Environmental Engineering Program by providing engineering support services for the Installation Restoration Program (IR). The first step in the process of executing a Contract Task Order (CTO) is for ABB-ES to respond to a Statement Of Work (SOW) by participating in a site visit to definitize the SOW and then to develop a Work Plan (WP) which presents the scope of services, schedule and costs estimated to meet the objectives of all or part of the SOW.

This WP describes the scope of services, schedule and costs estimated to meet the objectives of the SOW dated 19 November 1990, for RI/FS and PSC Screening Work Plans and Project Administration at NAS Cecil Field, Florida. The Statement of Work includes the following activities:

- * Management Activities including review and maintenance of the administrative record, review and updates of the site management plan, RCRA/CERCLA coordination, progress reports, and TRC/Project Managers' meetings.
- * Technical Activities including review of existing information, conversion of existing planning documents into electronic format, review and revision of the RI/FS and PSC Work Plans (including the Health and Safety Plan, Sampling and Analysis Plan, and Community Relations Plan), and scoping of the Well Construction Materials Study.

The purpose of this WP is to present the scope of services definitized by the Navy and ABB-ES during the site visit conducted during the period of October 23-25, 1990, and negotiated December 12, 1990. This definitized scope of services is designed to meet the objectives set forth in the SOW dated 19 November 1990 developed by SOUTHDIV.

The following sections present the scope of services (Section II), key personnel (Section III), schedule (Section IV) and cost estimates (Section V).

II. SCOPE OF SERVICES

Task #1 (Work Element #2) - Project Schedules and Progress Reports

ABB-ES will prepare Technical/Financial Monthly Reports (TFMR) for 1 year (12 reports) in accordance with the provisions of Part V, Section 3 of the contract. Each report will be in the format required in the contract (Part IX, Attachment A) and will summarize activities during the month, any problems encountered and their proposed resolution, and will include a schedule update in the form of a Gantt chart. ABB-ES will notify the Navy immediately upon

discovery of any significant new site conditions, including imminent hazard or substantial endangerment, and any deviation from the project schedule or WP. The cost estimate will reflect an estimated 3 additional reports for this purpose.

The key personnel and level of effort (LOE) estimated for this task include the Task Order Manager (15 days) and Program Assistant.

Task #2 (Work Element #3) - Review Existing Information

ABB-ES will become familiar with the site history and previous investigations by reviewing the IAS report (July 1985), the RFI report (March 1988), minutes of TRC meetings, results of the Florida DHRS well survey, and the base stormwater management plan. ABB-ES received copies of the IAS, the RFI, and the TRC meeting minutes during the initial site visit, and will make copies and return the originals to Dave Pipkin at NAS Cecil Field.

The key personnel and LOE estimated for this task include the Task Order Manager (15 days), Senior Scientist (RI Leader - 3 days), and Toxicologist (Risk Assessment Specialist - 3 days).

Task #3 (Work Element #4) - Administrative Record

ABB-ES will review EPA guidance on Administrative Record for CERCLA sites and review the Navy's current administrative record filing system and computer database program to determine whether it complies with the EPA guidance. ABB-ES will make recommendations on whether the Navy's current filing system needs to be revised to bring it into compliance with the EPA guidance. Extensive revisions to the Navy's current filing system are not included in this task. The official Administrative Record is kept at SOUTHDIV, with a copy of all documents also filed at NAS Cecil Field. ABB-ES will update the Administrative Record files and the computer database quarterly at both SouthDiv and NAS Cecil.

The key personnel and LOE estimated for this task include an Engineer (8 days) to review the EPA guidance and evaluate the current filing system and computer database and a Program Assistant (12 days) to maintain and update the files. A trip to EPA Region IV in Atlanta to review the guidance with EPA is included in this task. An initial 3 day trip to SouthDiv will be required to review the existing filing system, with quarterly one day trips to SouthDiv and NAS Cecil for one year (4 trips total) thereafter to update the files.

Task #4 (Work Element #5) - Site Management Plan

ABB-ES will review and comment on drafts of the Site Management Plan prepared by the EIC as required by the Federal Facilities Agreement (FFA). ABB-ES will provide support for annual updates of the Site Management Plan required by the FFA. The Site Management Plan will include milestone dates, schedule in the form of a Gantt chart, and description of planned work activities.

The key personnel and level of effort estimated for this task include the Task Order Manager (3 days) and the Program Assistant (3 days).

Task #5 (Work Element #6) - Review/Revise RI/FS Work Plan

ABB-ES will revise the RI/FS Work Plan to remove references to specific contractors, address comments from the USEPA and FDER received prior to the date of this WP, develop a new Project Management Plan and Health and Safety Plan, add two, 120 feet deep monitoring wells requested by the TRC, add methodology for soil gas survey to the Sampling and Analysis Plan, and provide additional detail on how the baseline risk assessment will be conducted. Draft and final documents will be submitted to the Navy. Twenty copies of each document will be required for submittal to EPA, FDER, and the Navy.

The key personnel and LOE estimated for this task include the Task Order Manager (20 days), Senior Scientist (20 days), Toxicologist (10 days), Health and Safety Specialist (18 days), Clerical and graphics support.

Task #6 (Work Element #7) - Revise the PSC Work Plan

ABB-ES will review the PSC Work Plan and revise it to remove references to specific contractors and address comments from the USEPA and FDER.

The key personnel and LOE estimated for this task include the Task Order Manager (3 days), Senior Scientist (8 days), Clerical and graphics support.

Task #7 (Work Element #8) - Prepare Amendments to the PSC Work Plan

ABB-ES will add plans for screening of two additional potential sites discovered since preparation of the PSC Work Plan. Three drafts (90%, Draft, and Final) of the document will be prepared.

The key personnel and LOE estimated for this task include the Task Order Manager (6 days), Senior Scientist (10 days), Clerical and graphics support.

Task #8 (Work Element #9) - Revise the Community Relations Plan (CRP)

ABB-ES will revise the CRP to remove references to specific contractors and address EPA comments received prior to the date of this WP, implement and maintain the mailing list for community relations in dBASE format, and prepare an estimated 5 fact sheets of 3 to 4 pages in length, 150 copies of each to be provided to the Facility IR Coordinator for distribution.

The key personnel and LOE estimated for this task include the Task Order Manager (6 days), a Community Relations Specialist (15 days), Clerical and graphics support.

Task #9 (Work Element #10) - Implement the Community Relations Plan

ABB-ES will prepare for and participate in two public meetings at NAS Cecil Field. Each meeting will require a site visit of 2 days/one night. ABB-ES will prepare a letter report critiquing each community relations event upon its completion. ABB-ES will also prepare press releases and respond to public comments on RI/FS activities.

The key personnel and LOE estimated for this task include the Task Order Manager (10 days), Community Relations Specialist (15 days), Clerical and graphics support.

Task #10 (Work Element #14) - TRC/Project Manager's Meetings

ABB-ES will prepare for and attend quarterly meetings for one year (4 total) at NAS Cecil Field. Each meeting will require two days and one night on site, time for preparation prior to the meeting and completion and distribution of minutes following the meeting. ABB-ES will tape record each meeting and provide minutes to all attendees within 10 working days. Minutes are estimated to average 5 pages in length and will be distributed to an estimated 7 attendees.

The key personnel and LOE estimated for this task include the Task Order Manager (16 days), Senior Scientist (16 days), and Clerical support.

Task #11 (Work Element #12) - RCRA/CERCLA Coordination

ABB-ES will review the RCRA Consent Order for the AIMD tank closure and groundwater monitoring plan to ensure that groundwater monitoring well placement is coordinated between the RI/FS and the RCRA closure activities at Site #16. ABB-ES may be required to respond to questions from EPA regarding the RCRA closure at this site.

The key personnel and LOE estimated for this task include the Task Order Manager (5 days) and Clerical support.

Task #12 (Work Element #13) - Well Construction Material Study

ABB-ES will review existing data on the impact of monitoring well construction materials on groundwater analyses and prepare a work plan to evaluate the impact of stainless steel versus PVC well screen and casing on groundwater monitoring results. ABB-ES will communicate with the USEPA Athens Laboratory on the scoping of the study. Three drafts of the study work plan will be submitted (90% draft, and final) to the Navy, EPA, and FDER.

The key personnel and LOE estimated for this task include the Task Order Manager (5 days), Technical Expert (20 days), Senior Scientists (statistician, hydrogeologist, chemist, total 15 days), Clerical and graphics support.

Task #13 (Work Element #6) - Document Conversion, Deliverables in electronic format

ABB-ES will convert the existing planning documents for the RI/FS and PSC Screening at NAS Cecil Field from hard copy to electronic format (Wordperfect) and provide the Navy with copies on diskette. The text and tables of the main body of the documents will be converted. The appendices will remain as hard copy only.

ABB-ES will provide the Navy with copies of all new documents prepared under this CTO on 5 1/4" double sided, double density diskettes in Wordperfect 5.1 or the most current version. It is understood that this provision is for Navy records and to generate additional copies of text and tables at some future date as needed by SOUTHDIV. It is also understood that changes made to the deliverable which alter the meaning or intent as represented by ABB-ES will release ABB-ES from any liability associated with professional evaluations, conclusions or recommendations.

The key personnel and level of effort estimated for this task include the Task Order Manager (5 days), Clerical and graphics support.

Task #14 (Work Element #11)

ABB-ES will evaluate the location and current land use of the 12 RI/FS and 6 PSC sites at NAS Cecil Field to assess potential health and safety concerns in accordance with the OSHA Hazard Communication Standard. The objective of this evaluation will be to identify sites which should have site access restricted due to potential for exposure of Navy personnel to physical or chemical hazards presented by past or current waste disposal activities.

Based on the site access evaluation, ABB-ES will develop a brief report presenting any recommended access control measures for each site and the supporting rationale, as appropriate, and an order of magnitude cost estimate to implement the recommended actions. A draft report will be submitted to the Navy for review and comment, and a final report addressing the Navy's comments will then be prepared. The recommendations may include but are not limited to the posting of warning signs, construction of fences and gates, and discontinuing present land use activities.

It is understood that these evaluations will be made based on limited site data and therefore will not involve any ecological or human health risk assessment.

The key personnel and level of effort estimated for this task include the Task Order Manager (2 days), the Health and Safety

Manager (2 days), the Health and Safety Assistant (5 days), and clerical and graphics support.

III. KEY PERSONNEL

The designated roles for the Installation Restoration work at NAS Cecil Field are as follows:

- * Program Manager. The Program Manager, Tony Allen, is responsible for oversight and management of the overall multi-installation Navy CLEAN contract for District I. In this position, Mr. Allen is able to identify overall program needs, promote technology and other information transfer between various Navy CLEAN projects, and direct resources as appropriate, for effective and timely completion of program activities.

- * Task Order Manager. The Task Order Manager for NAS Cecil Field will be Margaret Layne, P.E. Ms. Layne is responsible for evaluating the appropriateness and adequacy of the technical or engineering services provided for the Cecil Field CTO and in developing the technical approach and LOE required to address each of the WP tasks. Ms. Layne is also responsible for the day-to-day conduct of the work, including the integration of the input of supporting disciplines and subcontractors. She will be reviewing the ongoing quality control during the performance of the work, the technical integrity of conclusions and recommendations, and the clarity and usefulness of all project work products.

Some specific responsibilities of this role include:
 - * overall technical responsibility for the project;
 - * initiating project activities;
 - * participating in the work plan preparation and staff assignments;
 - * identifying and fulfilling equipment and other resource requirements;
 - * monitoring task activities to ensure compliance with established budgets, schedules, and scope of work; and
 - * regularly interacting with the E-I-C, the program manager, and others as appropriate, on the status of the project.

- * Quality Review Board. A Quality Review Board made up of senior technical staff from the ABB-ES team will assist the Task Order Manager by providing review of the technical

aspects of the project to assure they are produced in accordance with corporate policy, and meet the requirements of SDIV.

Michael Keirn, Ph.D. and Ken Busen, P.G. will comprise the ABB-ES technical quality review board and will be actively involved in assuring the technical quality and appropriateness of methodologies, conclusions and recommendations of the RI/FS project at NAS Cecil Field.

- * Other Key Technical Team Members. Michael Keirn, Ph.D., will be the technical expert in charge of developing the Well Construction Material Study due to his extensive knowledge and experience with site chemistry and USEPA Athens requirements and personnel.

Kathleen O'Neil, P.G., will occupy the position of Remedial Investigation Leader (Senior Scientist) due to her extensive experience in CERCLA and IRP investigations and knowledge of Florida hydrogeology.

- * Contract Manager. The position of contract manager is established because of the importance of day-to-day scope, schedule and budget monitoring for the NAS Cecil Field RI/FS between ABB-ES and SouthDiv contracts. It is expected that program decisions will be occurring frequently. Therefore, it is necessary to anticipate and immediately implement contractual actions (i.e., amend subcontracts, initiate procurement actions, etc.) to carry out the program plans. Les Herring will occupy this position in the early months of the project and will be responsible for these areas to the Task Order Manager and be the principal communication link to SouthDiv contracts. Three specific tasks for which Mr. Herring will be responsible are the following:

- * establish and oversee all subcontract actions to support the project;
- * review technical/financial monthly reports for contractual conformance;
- * ensure that appropriate financial record and reporting requirements are met.

IV. SCHEDULE

Attachment A includes a Gantt chart presenting the proposed schedule for completion of the tasks described above. Additionally, a milestone report is included presenting the key deadline dates in the project. The Schedule assumes a Notice to Proceed receipt on December 21, 1990, and will be revised to reflect the actual date of the Notice to Proceed.

V. COST

Attachment B presents the cost estimate to complete the scope of services described herein on Table 1 and a fee itemization form. In addition a SF 1411 is presented as required in the RFP letter dated October 2, 1990, and a Certificate of Current Cost and Pricing Data is also attached.

VI. FEE ITEMIZATION FORM SCOPE LIMITATION

The purpose of this paragraph is to clearly define the scope and assumptions made for this fee proposal, should it be necessary to enact provisions delineated at Part VII, Para. 22 of the subject Contract in accordance with FAR 52.243-2.

Specific Parameters:

As outlined specifically in Task #1 through #14 of the Work Plan dated December 14, 1990.

Period of Performance Parameters:

Costs presented are estimated to be incurred through January, 1992 (refer to Milestone Chart).

ATTACHMENT A
SCHEDULE

NAS CECIL FIELD

RI/FS AND PSC WORK PLAN PROJECT SCHEDULE

UPDATED DECEMBER 17, 1990

| | '90 | | JAN '91 | | FEB '91 | | MAR '91 | | APR '91 | | MAY '91 | | JUN '91 | | | | | | | | | | | |
|--------------------------------|-----|----|---------|----|---------|----|---------|----|---------|----|---------|---|---------|----|----|---|----|----|----|---|----|----|----|--|
| | 17 | 24 | 7 | 14 | 21 | 28 | 4 | 11 | 18 | 25 | 1 | 8 | 15 | 22 | 29 | 6 | 13 | 20 | 27 | 3 | 10 | 17 | 24 | |
| NOTICE TO PROCEED | ■ | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - DEC | | | ■ | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - JAN | | | | | | | ■ | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - FEB | | | | | | | | ■ | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - MAR | | | | | | | | | ■ | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - APR | | | | | | | | | | ■ | | | | | | | | | | | | | | |
| REVIEW EXISTING INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | |
| MAINTAIN ADMIN RECORD (QUAR) | | | | | | | | | | | | | | | | | | | | | | | | |
| UPDATE SITE MGMT PLAN (ANNUAL) | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE RI/FS MP | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE PSC MP | | | | | | | | | | | | | | | | | | | | | | | | |
| AMEND PSC MP | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE CRP | | | | | | | | | | | | | | | | | | | | | | | | |
| EPA REVIEW | | | | | | | | | | | | | | | | | | | | | | | | |
| PREPARE FINAL WORK PLANS | | | | | | | | | | | | | | | | | | | | | | | | |
| IMPLEMENT CRP | | | | | | | | | | | | | | | | | | | | | | | | |
| TRC/PM MEETINGS (QUARTERLY) | | | | | | | | | | | | | | | | | | | | | | | | |
| RCRA/CERCLA COORDINATION | | | | | | | | | | | | | | | | | | | | | | | | |
| SCOPE WELL STUDY | | | | | | | | | | | | | | | | | | | | | | | | |
| CONVERT EXISTING DOCUMENTS | | | | | | | | | | | | | | | | | | | | | | | | |
| SITE USE REVIEW | | | | | | | | | | | | | | | | | | | | | | | | |

| LEGEND | | COMPARISON | |
|----------|---------|------------|--------|
| PROJECT: | CURRENT | CRITICAL | ACTUAL |
| | ■ | | |
| | + | | |
| | x | | |
| | □ | | |

| REVISIONS | |
|-----------|--|
| | |
| | |
| | |
| | |

NAVY CLEAN
 SOUTHERN DIVISION -- NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 CTO #2 MILESTONES
 DECEMBER 1990

| CTO | TASK | MILESTONE | STATUS | -----WORK PLAN----- | | -----DELIVERY----- | | NOTES |
|---------|------|---|--------|---------------------|--------------|--------------------|------------|-------|
| | | | | ORIGINAL DATE | REVISED DATE | PLANNED = P | ACTUAL = A | |
| CTO-002 | 1 | PROGRESS REPORT - DEC | I | 01/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - JAN | I | 02/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - FEB | I | 03/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - MAR | I | 04/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - APR | I | 05/06/91 | | | P | |
| CTO-002 | 5 | DELIVER DRAFT PLANNING DOCS. (R1/FS WP) | I | 02/08/91 | | | P | |
| CTO-002 | 6 | DELIVER DRAFT PLANNING DOCS. (PSC WP) | I | 02/08/91 | | | P | |
| CTO-002 | 8 | DELIVER DRAFT CRP | I | 02/08/91 | | | P | |
| CTO-002 | 12 | DELIVER DRAFT STUDY PLAN | I | 02/01/91 | | | P | |
| CTO-002 | 13 | DELIVER DISKETTES TO SDIV | I | 01/18/91 | | | P | |
| CTO-002 | 14 | DELIVER SITE USE RECOMMENDATIONS | I | 02/01/91 | | | P | |

ATTACHMENT B

COSTS

**CLEAN FEE ITEMIZATION FORM
SOUTH DIV ENVIRONMENTAL DIVISION**

CTO: 0002 DATE OF SCOPE: 19 November 1990 A&E FIRM: ABB Environmental Services, Inc.
 DATE OF ESTIMATE: 13 December 1990 CONTRACT NO.: N62467-89-D-0317

PROJECT: RI/FS and PSC Screening Work Plans and Project Administration

FUNDING: Defense Environmental Restoration Act (DERA)

ACTIVITY: NAS Cecil Field

UIC CODE: N60200 LOCATION: Jacksonville, Florida

| ITEM | RATE/HR. | OFFICE | | FIELDWORK | | TOTAL | |
|----------------------------------|--------------|--------------|---------------------|--------------|---------|--------------|---------------------|
| | | LABOR HOURS | COST(S) | LABOR HOURS | COST(S) | LABOR HOURS | COST(S) |
| Program Manager | \$36.50 | | | | | | |
| Quality Assurance Manager | 25.50 | | | | | | |
| Task Order Manager | 29.00 | 888 | \$25,752.00 | | | 888 | \$25,752.00 |
| Senior Engineer | 29.00 | | | | | | |
| Senior Scientist | 29.10 | 576 | \$16,761.60 | | | 576 | \$16,761.60 |
| Engineer | 18.50 | 64 | \$1,184.00 | | | 64 | \$1,184.00 |
| Geologist | 19.00 | | | | | | |
| Community Relations | 20.00 | 240 | \$4,800.00 | | | 240 | \$4,800.00 |
| Toxicologist | 18.00 | 104 | \$1,872.00 | | | 104 | \$1,872.00 |
| Program Assistant | 13.00 | 150 | \$1,950.00 | | | 150 | \$1,950.00 |
| Clerical/Word Processing | 10.00 | 368 | \$3,680.00 | | | 368 | \$3,680.00 |
| Accounting | 14.00 | | | | | | |
| Contract Manager | 19.50 | | | | | | |
| Technical Editor | 13.26 | | | | | | |
| Health & Safety Assistant | 12.50 | 160 | \$2,000.00 | | | 160 | \$2,000.00 |
| Health & Safety Manager (CIH) | 24.00 | 40 | \$960.00 | | | 40 | \$960.00 |
| Quality Assurance Assistant | 19.71 | | | | | | |
| Cad Operator/Sr. Draftsperson | 15.60 | | | | | | |
| Draftsperson | 10.50 | 176 | \$1,848.00 | | | 176 | \$1,848.00 |
| Air Quality Engineer/Scientist | 16.94 | | | | | | |
| Senior Hydrologist | 33.79 | | | | | | |
| Senior Chemist (CLP Qual.) | 22.44 | | | | | | |
| Chemist | 16.35 | | | | | | |
| Computer Programmer | 19.71 | | | | | | |
| Senior Contract Manager | 28.50 | | | | | | |
| Technical Expert (PhD-Sci/Eng) | 35.00 | 160 | \$5,600.00 | | | 160 | \$5,600.00 |
| TOTAL DIRECT LABOR | XXXXX | 2,926 | \$66,408.00 | | | 2,926 | \$66,408.00 |
| X Fringe (.3312) | XXXXX | XXXXX | \$21,994.00 | XXXXX | | XXXXX | \$21,994.00 |
| X Overhead (.5413) | XXXXX | XXXXX | \$47,852.00 | XXXXX | | XXXXX | \$47,852.00 |
| X G&A (.0733) | XXXXX | XXXXX | \$9,987.00 | XXXXX | | XXXXX | \$9,987.00 |
| Total Burdened Dir. Labor | XXXXX | XXXXX | \$146,241.00 | XXXXX | | XXXXX | \$146,241.00 |

PART II - OTHER DIRECT COSTS (Itemized on Supplement Sheets)

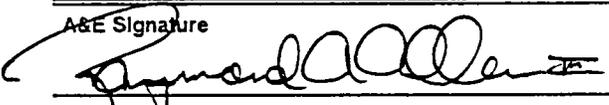
| ITEM | UNIT COST(S) | QUANTITY | TOTAL |
|--------------------------------|--------------|----------|------------|
| Telephone/Communications | \$4.57 | 60 | \$274.00 |
| Postage/Freight | \$15.00 | 59 | \$885.00 |
| Equipment Rental | | | |
| Expendable Supplies | | | |
| Personnel Protective Equipment | | | |
| Other Special Direct Costs | | | |
| Text Scanning | \$1.50 | 350 | \$525.00 |
| | | | |
| | | | |
| | | | |
| | | | |
| Subtotal | | | \$1,684.00 |
| X G&A (.0733) | | | \$123.00 |
| TOTAL | XXXXXXX | XXXXXXX | \$1,807.00 |

PART III - SUBCONTRACTOR SERVICES (Itemized on Supplement Sheets)

| | | | |
|-------------------------------------|-------------|--------|------------|
| Well/Borings | | | |
| Laboratory Analysis | | | |
| Report Binding | \$8.00 each | 160 | \$1,280.00 |
| Report Printing | \$0.06/page | 45,000 | \$2,700.00 |
| | | | |
| | | | |
| Subtotal | | | \$3,980.00 |
| X G&A (.0733) | | | \$292.00 |
| TOTAL SUBCONTRACTOR SERVICES | XXXX | XXXX | \$4,272.00 |

PART IV - TRAVEL (Itemized on Supplement Sheets)

| | | | |
|------------------------------|-----------|------|------------|
| Subsistence | | | \$1,640.00 |
| Car Rental | | | \$680.00 |
| Airfare | \$400/day | 6 | \$2,400.00 |
| Other Vehicle | | | |
| | | | |
| Subtotal | | | \$4,720.00 |
| X G&A (.0733) | | | \$346.00 |
| TOTAL TRAVEL EXPENSES | XXXX | XXXX | \$5,066.00 |

| | TOTAL | | | |
|---|------------------|--------------|----------------------|------|
| | LABOR HOURS | COST(S) | | |
| TOTAL PART I (Direct Labor) | 2,926 | \$146,241.00 | | |
| TOTAL PART II (Other Direct Costs) | | \$1,807.00 | | |
| TOTAL PART III (Subtr. Services) | | \$4,272.00 | | |
| TOTAL PART IV (Travel Expenses) | | \$5,066.00 | | |
| TOTAL | XXXXXX | \$157,386.00 | | |
| Award Fee Pool @ <u>10</u> % x Parts I, II, III, & IV | XXXXXX | \$15,739.00 | | |
| Enter Award Fee % here <u>10</u> % | | | | |
| GRAND TOTAL | | \$173,125.00 | | |
| A&E Signature  | Date 12-17-90 | Telephone | | |
| EIC Signature | Date | Code | Code 18C Approval | Date |

CONTRACT PRICING PROPOSAL COVER SHEET

NO. N62467-89-D-0317

CMB NO. 9000-0013

NOTE: This form is used in contract actions if submission of cost or pricing data is required. (See FAR 15.804-6(b))

2. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)

 ABB Environmental Services, Inc.
 2571 Executive Center Circle East
 Suite 100
 Tallahassee, Florida 32301

3A. NAME AND TITLE OF OFFEROR'S POINT OF CONTACT
 Tony Allen
 Program Manager
 3B. TELEPHONE NO.
 (904) 656-1293

4. TYPE OF CONTRACT ACTION (Check)
 A. NEW CONTRACT
 B. CHANGE ORDER
 C. PRICE REVISION/REDETERMINATION
 D. LETTER CONTRACT
 E. UNPRICED ORDER
 F. OTHER (Specify)

5. TYPE OF CONTRACT (Check)
 FFP CPFF CPIF CPAF
 FPI OTHER (Specify)

6. PROPOSED COST (A+B=C)
 A. COST \$ 157,386.00
 B. PROFIT/FEE \$ 15,739.00
 C. TOTAL \$ 173,125.00

7. PLACE(S) AND PERIOD(S) OF PERFORMANCE
 Tallahassee, Florida Sept. 6, 1990 to Sept. 6, 1991

8. List and reference the identification, quantity and total price proposed for each contract line item. A line item cost breakdown supporting this recap is required unless otherwise specified by the Contracting Officer. (Continue on reverse, and then on plain paper, if necessary. Use same headings.)

| A. LINE ITEM NO. | B. IDENTIFICATION | C. QUANTITY | D. TOTAL PRICE | E. REF. |
|------------------|--------------------|-------------|----------------|---------------|
| 1 | Technical Services | LOT | \$173,125.00 | Fee Item Form |

9. PROVIDE NAME, ADDRESS, AND TELEPHONE NUMBER FOR THE FOLLOWING (If available)

A. CONTRACT ADMINISTRATION OFFICE
 Southern Division
 Naval Facilities Engineering Command
 2155 Eagle Drive, P.O. Box 10068
 Charleston, S.C. 29411-0068

B. AUDIT OFFICE
 DCAA, c/o Bath Iron Works
 700 Washington Street
 Bath, ME 04530

10. WILL YOU REQUIRE THE USE OF ANY GOVERNMENT PROPERTY IN THE PERFORMANCE OF THIS WORK? (If "Yes," identify)
 YES NO

11A. DO YOU REQUIRE GOVERNMENT CONTRACT FINANCING TO PERFORM THIS PROPOSED CONTRACT? (If "Yes," complete Item 11B)
 YES NO
 11B. TYPE OF FINANCING (Check one)
 ADVANCE PAYMENTS PROGRESS PAYMENTS
 GUARANTEED LOANS

12. HAVE YOU BEEN AWARDED ANY CONTRACTS OR SUBCONTRACTS FOR THE SAME OR SIMILAR ITEMS WITHIN THE PAST 3 YEARS? (If "Yes," identify item(s), customer(s) and contract number(s))
 YES NO

13. IS THIS PROPOSAL CONSISTENT WITH YOUR ESTABLISHED ESTIMATING AND ACCOUNTING PRACTICES AND PROCEDURES AND FAR PART 31 COST PRINCIPLES? (If "No," explain)
 YES NO

14. COST ACCOUNTING STANDARDS BOARD (CASB) DATA (Public Law 91-379 as amended and FAR PART 30)

A. WILL THIS CONTRACT ACTION BE SUBJECT TO CASB REGULATIONS? (If "No," explain in proposal)
 YES NO

B. HAVE YOU SUBMITTED A CASB DISCLOSURE STATEMENT (CASB DS-1 or 2)? (If "Yes," specify in proposal the office to which submitted and if determined to be adequate)
 YES NO

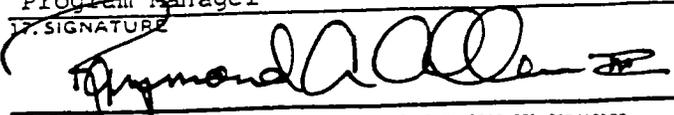
C. HAVE YOU BEEN NOTIFIED THAT YOU ARE OR MAY BE IN NON-COMPLIANCE WITH YOUR DISCLOSURE STATEMENT OR COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)
 YES NO

D. IS ANY ASPECT OF THIS PROPOSAL INCONSISTENT WITH YOUR DISCLOSED PRACTICES OR APPLICABLE COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)
 YES NO

This proposal is submitted in response to the RFP, contract, modification, etc. in Item 1 and reflects our best estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.804-6(b) (2), Table 15-2. By submitting this proposal, the offeror, if selected for negotiation, grants the contracting officer or an authorized representative the right to examine, at any time before award, these books, records, documents and other types of factual information, regardless of form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.

15. NAME AND TITLE (Type)
 Raymond A. Allen, III
 Program Manager

16. NAME OF FIRM
 ABB Environmental Services, Inc.

17. SIGNATURE


18. DATE OF SUBMISSION

CERTIFICATE OF CURRENT COST OR PRICING DATA

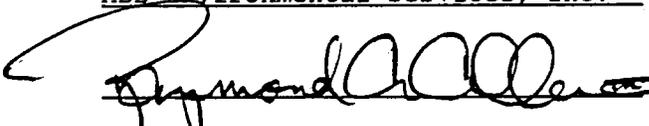
INSTRUCTION: If the awarded fee exceeds \$100,000, we must have certification that at the time of negotiation, the cost or pricing data (wages, overhead, etc.) used during negotiation were current. Please execute the below certification and return it to South Div Code 0212.

* * * * *

This is to certify that, to the best of my knowledge and belief, the cost or pricing data (as defined in Section 15.801 (see below) of the Federal Acquisition Regulation (FAR) and required under FAR Subsection 15.804-2) submitted, either actually or by specific identification in writing, to the Contracting Officer or to the Contracting Officer's representative in support of this contract are accurate, complete, and current as of date of negotiation.

This certification includes the cost or pricing data supporting any advance agreements and forward pricing rate agreements between the offeror and the Government that are part of the proposal.

In addition to above, this is to certify that the status of the firm (small business, etc.) as certified at time of submission of fee proposal has not changed.

| | |
|-----------------------------------|--|
| CONTRACT NUMBER | <u>N62467-89-D-0317</u> |
| DATE OF NEGOTIATION | <u>December 12, 1990</u> |
| FIRM | <u>ABB Environmental Services, Inc.</u> |
| SIGNATURE |  |
| NAME OF CORPORATE OFFICIAL | <u>Raymond A. Allen, III</u> |
| TITLE | <u>CLEAN Program Manager</u> |
| DATE OF EXECUTION | <u>December 14, 1990</u> |

* * * * *

FAR 15.801 in part reads: "Cost or pricing data" means all facts as of the time of price agreement that prudent buyers and sellers would reasonably expect to affect price negotiations significantly. Cost or pricing data are factual, not judgmental, and are therefore verifiable. While they do not indicate the accuracy of the prospective contractor's judgment about estimated future cost or projections, they do include the data forming the basis for that judgment. Cost or pricing data are more than historical accounting data; they are all the facts that can be reasonably expected to contribute to the soundness of estimates of future costs and to the validity of determinations of costs already incurred.

ABB ENVIRONMENTAL SERVICES, INC.

COST SUMMARY

PROJECT:

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|-------------|----------|--------------|---------------------|---------------------|
| Task Order Manager | 888 | \$29.00 | \$25,752.00 | 2.20 | \$56,710.38 |
| Senior Scientist | 576 | \$29.10 | \$16,761.60 | 2.20 | \$36,911.96 |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | 160 | \$35.00 | \$5,600.00 | 2.20 | \$12,332.17 |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | 64 | \$18.50 | \$1,184.00 | 2.20 | \$2,607.37 |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | 104 | \$18.00 | \$1,872.00 | 2.20 | \$4,122.47 |
| Community Relations Specialist | 240 | \$20.00 | \$4,800.00 | 2.20 | \$10,570.43 |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | 40 | \$24.00 | \$960.00 | 2.20 | \$2,114.09 |
| Health & Safety Assistant | 160 | \$12.50 | \$2,000.00 | 2.20 | \$4,404.35 |
| Project Assistant | 150 | \$13.00 | \$1,950.00 | 2.20 | \$4,294.24 |
| Clerk/Word Processor | 368 | \$10.00 | \$3,680.00 | 2.20 | \$8,104.00 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.80 | | 2.20 | |
| Draftsman | 176 | \$10.50 | \$1,848.00 | 2.20 | \$4,069.62 |
| Total Labor: | 2926 | | | | \$146,241.09 |
| Air Fare | | | \$2,400 | 1.0733 | \$2,575.92 |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | \$1,640 | 1.0733 | \$1,760.21 |
| Car Rental/Fuel | | \$50.00 | \$600 | 1.0733 | \$643.98 |
| Field Van/Fuel | | \$80.00 | \$80 | 1.0733 | \$85.86 |
| Total Travel: | | | | | \$5,065.98 |
| Telephone/Telefax | | \$5.00 | \$274 | 1.0733 | \$294.08 |
| Shipping – Reports | | \$15.00 | \$885 | 1.0733 | \$949.87 |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | \$525 | 1.0733 | \$563.48 |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$1,807.44 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | \$3,980 | 1.0733 | \$4,271.73 |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | \$4,271.73 |
| Total Cost: | | | | | \$157,386.23 |
| Award Fee – Labor, Travel, ODCs: | | | \$153,114.50 | 0.1 | \$15,311.45 |
| Award Fee – Subcontracts | | | \$4,271.73 | 0.045 | \$192.23 |
| Total Cost + Award Fee: | | | | | \$172,889.91 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 1 – Progress Reports

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|------------|---------------------|-------------------|
| Task Order Manager | 120 | \$29.00 | \$3,480.00 | 2.20 | \$7,663.57 |
| Senior Scientist | | \$29.10 | | 2.20 | |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | 30 | \$13.00 | \$390.00 | 2.20 | \$858.85 |
| Clerk/Word Processor | | \$10.00 | | 2.20 | |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | | \$10.50 | | 2.20 | |
| Total Labor: | 150 | | | | \$8,522.41 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | | | \$24.00 | 1.0733 | \$25.76 |
| Shipping – Reports | | \$15.00 | | 1.0733 | |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$25.76 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$8,548.17 |
| Award Fee – Labor, Travel, ODCs: | | | \$8,548.17 | 0.1 | \$854.82 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$9,402.99 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 2 – Review Existing Information

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|-------------|---------------------|--------------------|
| Task Order Manager | 120 | \$29.00 | \$3,480.00 | 2.20 | \$7,663.57 |
| Senior Scientist | 24 | \$29.10 | \$698.40 | 2.20 | \$1,538.00 |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | 24 | \$18.00 | \$432.00 | 2.20 | \$951.34 |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | | \$10.00 | | 2.20 | |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | | \$10.50 | | 2.20 | |
| Total Labor: | 168 | | | | \$10,152.90 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | 5 | \$5.00 | \$25.00 | 1.0733 | \$26.83 |
| Shipping – Reports | 1 | \$15.00 | \$15.00 | 1.0733 | \$16.10 |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$42.93 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$10,195.83 |
| Award Fee – Labor, Travel, ODCs: | | | \$10,195.83 | 0.1 | \$1,019.58 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$11,215.42 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 3 – Maintain Administrative Record

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|------------|---------------------|-------------------|
| Task Order Manager | | \$29.00 | | 2.20 | |
| Senior Scientist | | \$29.10 | | 2.20 | |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | 64 | \$18.50 | \$1,184.00 | 2.20 | \$2,607.37 |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | 96 | \$13.00 | \$1,248.00 | 2.20 | \$2,748.31 |
| Clerk/Word Processor | | \$10.00 | | 2.20 | |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | | \$10.50 | | 2.20 | |
| Total Labor: | 160 | | | | \$5,355.69 |
| Air Fare | | | \$2,400.00 | 1.0733 | \$2,575.92 |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | \$464.00 | 1.0733 | \$498.01 |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | 1 | \$80.00 | \$80.00 | 1.0733 | \$85.86 |
| Total Travel: | | | | | \$3,159.80 |
| Telephone/Telefax | 5 | \$5.00 | \$25.00 | 1.0733 | \$26.83 |
| Shipping – Reports | | \$15.00 | | 1.0733 | |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$26.83 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$8,542.31 |
| Award Fee – Labor, Travel, ODCs: | | | \$8,542.31 | 0.1 | \$854.23 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$9,396.55 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 4 – Site Management Plan

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|-----------|----------|------------|---------------------|-------------------|
| Task Order Manager | 24 | \$29.00 | \$696.00 | 2.20 | \$1,532.71 |
| Senior Scientist | | \$29.10 | | 2.20 | |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | 24 | \$13.00 | \$312.00 | 2.20 | \$687.08 |
| Clerk/Word Processor | | \$10.00 | | 2.20 | |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | | \$10.50 | | 2.20 | |
| Total Labor: | 48 | | | | \$2,219.79 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | 2 | \$5.00 | \$10.00 | 1.0733 | \$10.73 |
| Shipping – Reports | | \$15.00 | | 1.0733 | |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$10.73 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$2,230.52 |
| Award Fee – Labor, Travel, ODCs: | | | \$2,230.52 | 0.1 | \$223.05 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$2,453.58 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 5 – Review/Revise RI/FS Work Plan

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|-------------|---------------------|--------------------|
| Task Order Manager | 160 | \$29.00 | \$4,640.00 | 2.20 | \$10,218.09 |
| Senior Scientist | 160 | \$29.10 | \$4,656.00 | 2.20 | \$10,253.32 |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | 80 | \$18.00 | \$1,440.00 | 2.20 | \$3,171.13 |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | 24 | \$24.00 | \$576.00 | 2.20 | \$1,268.45 |
| Health & Safety Assistant | 120 | \$12.50 | \$1,500.00 | 2.20 | \$3,303.26 |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 120 | \$10.00 | \$1,200.00 | 2.20 | \$2,642.61 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | 40 | \$10.50 | \$420.00 | 2.20 | \$924.91 |
| Total Labor: | 704 | | | | \$31,781.77 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$60.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | 4 | \$5.00 | \$20.00 | 1.0733 | \$21.47 |
| Shipping – Reports | | \$15.00 | \$120.00 | 1.0733 | \$128.80 |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$150.26 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | \$3,360.00 | 1.0733 | \$3,606.29 |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | \$3,606.29 |
| Total Cost: | | | | | \$35,538.32 |
| Award Fee – Labor, Travel, ODCs: | | | \$31,932.04 | 0.1 | \$3,193.20 |
| Award Fee – Subcontracts | | | \$3,606.29 | 0.045 | \$162.28 |
| Total Cost + Award Fee: | | | | | \$38,893.81 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 6 – Revise PSC Work Plan

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|------------|---------------------|-------------------|
| Task Order Manager | 24 | \$29.00 | \$696.00 | 2.20 | \$1,532.71 |
| Senior Scientist | 64 | \$29.10 | \$1,862.40 | 2.20 | \$4,101.33 |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 24 | \$10.00 | \$240.00 | 2.20 | \$528.52 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | 8 | \$10.50 | \$84.00 | 2.20 | \$184.98 |
| Total Labor: | 120 | | | | \$6,347.55 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | | \$5.00 | \$4.00 | 1.0733 | \$4.29 |
| Shipping – Reports | | \$15.00 | \$120.00 | 1.0733 | \$128.80 |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$133.09 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | \$440.00 | 1.0733 | \$472.25 |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | \$472.25 |
| Total Cost: | | | | | \$6,952.89 |
| Award Fee – Labor, Travel, ODCs: | | | \$6,480.64 | 0.1 | \$648.06 |
| Award Fee – Subcontracts | | | \$472.25 | 0.045 | \$21.25 |
| Total Cost + Award Fee: | | | | | \$7,622.20 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 7 – Prepare Amendments to PSC WorkPlan

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|-------------|---------------------|--------------------|
| Task Order Manager | 48 | \$29.00 | \$1,392.00 | 2.20 | \$3,065.43 |
| Senior Scientist | 80 | \$29.10 | \$2,328.00 | 2.20 | \$5,126.66 |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 48 | \$10.00 | \$480.00 | 2.20 | \$1,057.04 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | 24 | \$10.50 | \$252.00 | 2.20 | \$554.95 |
| Total Labor: | 200 | | | | \$9,804.08 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | | \$5.00 | \$8.00 | 1.0733 | \$8.59 |
| Shipping – Reports | | \$15.00 | \$360.00 | 1.0733 | \$386.39 |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$394.97 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$10,199.05 |
| Award Fee – Labor, Travel, ODCs: | | | \$10,199.05 | 0.1 | \$1,019.91 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$11,218.96 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 8 – Revise CRP

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|------------|---------------------|--------------------|
| Task Order Manager | 48 | \$29.00 | \$1,392.00 | 2.20 | \$3,065.43 |
| Senior Scientist | | \$29.10 | | 2.20 | |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | 120 | \$20.00 | \$2,400.00 | 2.20 | \$5,285.22 |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 24 | \$10.00 | \$240.00 | 2.20 | \$528.52 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | 24 | \$10.50 | \$252.00 | 2.20 | \$554.95 |
| Total Labor: | 216 | | | | \$9,434.11 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | | \$5.00 | \$8.00 | 1.0733 | \$8.59 |
| Shipping – Reports | | \$15.00 | \$75.00 | 1.0733 | \$80.50 |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$89.08 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | \$180.00 | 1.0733 | \$193.19 |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | \$193.19 |
| Total Cost: | | | | | \$9,716.39 |
| Award Fee – Labor, Travel, ODCs: | | | \$9,523.20 | 0.1 | \$952.32 |
| Award Fee – Subcontracts | | | \$193.19 | 0.045 | \$8.69 |
| Total Cost + Award Fee: | | | | | \$10,677.40 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 9 – Implement CRP

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|-------------|---------------------|--------------------|
| Task Order Manager | 80 | \$29.00 | \$2,320.00 | 2.20 | \$5,109.04 |
| Senior Scientist | | \$29.10 | | 2.20 | |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | 120 | \$20.00 | \$2,400.00 | 2.20 | \$5,285.22 |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 40 | \$10.00 | \$400.00 | 2.20 | \$880.87 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | 16 | \$10.50 | \$168.00 | 2.20 | \$369.97 |
| Total Labor: | 256 | | | | \$11,645.10 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | \$392.00 | 1.0733 | \$420.73 |
| Car Rental/Fuel | | \$50.00 | \$200.00 | 1.0733 | \$214.66 |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | \$635.39 |
| Telephone/Telefax | | \$5.00 | \$50.00 | 1.0733 | \$53.67 |
| Shipping – Reports | | \$15.00 | | 1.0733 | |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$53.67 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$12,334.15 |
| Award Fee – Labor, Travel, ODCs: | | | \$12,334.15 | 0.1 | \$1,233.42 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$13,567.57 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 10 – TRC–PM Meetings

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|-------------|---------------------|--------------------|
| Task Order Manager | 128 | \$29.00 | \$3,712.00 | 2.20 | \$8,174.47 |
| Senior Scientist | 128 | \$29.10 | \$3,724.80 | 2.20 | \$8,202.66 |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 16 | \$10.00 | \$160.00 | 2.20 | \$352.35 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | | \$10.50 | | 2.20 | |
| Total Labor: | 272 | | | | \$16,729.47 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | \$784.00 | 1.0733 | \$841.47 |
| Car Rental/Fuel | | \$50.00 | \$400.00 | 1.0733 | \$429.32 |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | \$1,270.79 |
| Telephone/Telefax | | \$5.00 | \$20.00 | 1.0733 | \$21.47 |
| Shipping – Reports | | \$15.00 | | 1.0733 | |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$21.47 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$18,021.73 |
| Award Fee – Labor, Travel, ODCs: | | | \$18,021.73 | 0.1 | \$1,802.17 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$19,823.90 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 11 – RCRA/CERCLA Coordination

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|-----------|----------|------------|---------------------|-------------------|
| Task Order Manager | 40 | \$29.00 | \$1,160.00 | 2.20 | \$2,554.52 |
| Senior Scientist | | \$29.10 | | 2.20 | |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 8 | \$10.00 | \$80.00 | 2.20 | \$176.17 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | | \$10.50 | | 2.20 | |
| Total Labor: | 48 | | | | \$2,730.70 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | | \$5.00 | \$10.00 | 1.0733 | \$10.73 |
| Shipping – Reports | | \$15.00 | | 1.0733 | |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$10.73 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$2,741.43 |
| Award Fee – Labor, Travel, ODCs: | | | \$2,741.43 | 0.1 | \$274.14 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$3,015.57 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 12 – Scope Well Study

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|------------|----------|-------------|---------------------|--------------------|
| Task Order Manager | 40 | \$29.00 | \$1,160.00 | 2.20 | \$2,554.52 |
| Senior Scientist | 120 | \$29.10 | \$3,492.00 | 2.20 | \$7,689.99 |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | 160 | \$35.00 | \$5,600.00 | 2.20 | \$12,332.17 |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 40 | \$10.00 | \$400.00 | 2.20 | \$880.87 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | 40 | \$10.50 | \$420.00 | 2.20 | \$924.91 |
| Total Labor: | 400 | | | | \$24,382.47 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | | \$5.00 | \$60.00 | 1.0733 | \$64.40 |
| Shipping – Reports | | \$15.00 | \$180.00 | 1.0733 | \$193.19 |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$257.59 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$24,640.06 |
| Award Fee – Labor, Travel, ODCs: | | | \$24,640.06 | 0.1 | \$2,464.01 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$27,104.07 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 13 – Document Conversion

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|-----------|----------|------------|---------------------|-------------------|
| Task Order Manager | 40 | \$29.00 | \$1,160.00 | 2.20 | \$2,554.52 |
| Senior Scientist | | \$29.10 | | 2.20 | |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | | \$24.00 | | 2.20 | |
| Health & Safety Assistant | | \$12.50 | | 2.20 | |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 40 | \$10.00 | \$400.00 | 2.20 | \$880.87 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | 16 | \$10.50 | \$168.00 | 2.20 | \$369.97 |
| Total Labor: | 96 | | | | \$3,805.36 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | | \$5.00 | | 1.0733 | |
| Shipping – Reports | | \$15.00 | | 1.0733 | |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | \$525.00 | 1.0733 | \$563.48 |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$563.48 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$4,368.84 |
| Award Fee – Labor, Travel, ODCs: | | | \$4,368.84 | 0.1 | \$436.88 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$4,805.72 |

ABB ENVIRONMENTAL SERVICES, INC.

TASK: 14 – Review Current Use of Sites

PROJECT: CTO #002 – Phase I RI/FS at NAS Cecil Field

MANAGER:

| DESCRIPTION | BASE | RATE | SUB-TOTAL | MULTIPLIER OVERHEAD | TOTAL |
|----------------------------------|-----------|----------|------------|---------------------|-------------------|
| Task Order Manager | 16 | \$29.00 | \$464.00 | 2.20 | \$1,021.81 |
| Senior Scientist | | \$29.10 | | 2.20 | |
| Senior Engineer | | \$29.00 | | 2.20 | |
| Technical Expert | | \$35.00 | | 2.20 | |
| Geologist | | \$19.00 | | 2.20 | |
| Engineer | | \$18.50 | | 2.20 | |
| Senior Hydrologist | | \$33.79 | | 2.20 | |
| Hydrologist | | \$20.00 | | 2.20 | |
| Senior Chemist | | \$22.44 | | 2.20 | |
| Chemist | | \$16.35 | | 2.20 | |
| Toxicologist | | \$18.00 | | 2.20 | |
| Community Relations Specialist | | \$20.00 | | 2.20 | |
| Quality Assurance Manager | | \$25.50 | | 2.20 | |
| Quality Assurance Assistant | | \$19.71 | | 2.20 | |
| Health & Safety Manager | 16 | \$24.00 | \$384.00 | 2.20 | \$845.63 |
| Health & Safety Assistant | 40 | \$12.50 | \$500.00 | 2.20 | \$1,101.09 |
| Project Assistant | | \$13.00 | | 2.20 | |
| Clerk/Word Processor | 8 | \$10.00 | \$80.00 | 2.20 | \$176.17 |
| Technical Editor | | \$13.26 | | 2.20 | |
| CAD Operator | | \$15.60 | | 2.20 | |
| Draftsman | 8 | \$10.50 | \$84.00 | 2.20 | \$184.98 |
| Total Labor: | 88 | | | | \$3,329.69 |
| Air Fare | | | | 1.0733 | |
| Lodging | | | | 1.0733 | |
| Per Diem | | \$26.00 | | 1.0733 | |
| Car Rental/Fuel | | \$50.00 | | 1.0733 | |
| Field Van/Fuel | | \$80.00 | | 1.0733 | |
| Total Travel: | | | | | |
| Telephone/Telefax | | \$5.00 | \$10.00 | 1.0733 | \$10.73 |
| Shipping – Reports | | \$15.00 | \$15.00 | 1.0733 | \$16.10 |
| Shipping – Coolers/Other | | \$100.00 | | 1.0733 | |
| Expendable Field Supplies | | | | 1.0733 | |
| Equipment | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Other Direct Costs: | | | | | \$26.83 |
| Drilling Subcontract | | | | 1.0733 | |
| Analytical Subcontract | | | | 1.0733 | |
| Survey Subcontract | | | | 1.0733 | |
| Report Reproduction | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Other | | | | 1.0733 | |
| Total Subcontract: | | | | | |
| Total Cost: | | | | | \$3,356.52 |
| Award Fee – Labor, Travel, ODCs: | | | \$3,356.52 | 0.1 | \$335.65 |
| Award Fee – Subcontracts | | | | 0.045 | |
| Total Cost + Award Fee: | | | | | \$3,692.17 |



7503-32

December 17, 1990

Commanding Officer
ATTN: Ms. Janet Morris
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Charleston SC 29411-0068

SUBJECT: Final Work Plan Submittal, CTO No. 0002
Navy CLEAN District I
Contract N62467-89-D-0317

Dear Janet:

This letter is to confirm, as we discussed by telephone this afternoon, that the available award fee for subcontract services on CLEAN CTO No. 0002 is 4.5%. The total possible award fee for CLEAN CTO No. 0002 is \$15,504, for a total cost plus award fee of \$172,890. Thank you for clarifying this point.

If you have any questions, please call me at 904-656-1293. We look forward to working with you on the completion of this project.

Very truly yours,

ABB ENVIRONMENTAL SERVICES INC.

A handwritten signature in black ink, which appears to read 'Raymond A. Allen, III', is written over the typed name.

Raymond A. Allen, III
CLEAN Program Manager

ABB Environmental Services Inc.



7503-32

December 14, 1990

Commanding Officer
ATTN: Mr. Cliff Casey, Code 18212
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Charleston SC 29411-0068

SUBJECT: Final Work Plan Submittal, CTO No. 0002
Navy CLEAN District I
Contract N62467-89-D-0317

Dear Cliff:

In accordance with the provisions delineated in Part VII, Para .5 (d) of the subject contract, ABB Environmental Services (ABB-ES), Inc. is pleased to provide you with the attached Final Work Plan for Contract Task Order (CTO) No. 0002 entitled "RI/FS and PSC screening Work Plans and Project Administration at NAS Cecil Field".

The attached Final Work Plan addresses the revised Statement of Work dated 19 November 1990 and the negotiations conducted at Southern Division on 12 December 1990. The scope of services, cost estimate spreadsheet, ABB-ES Fee Itemization Form, schedule of activities, SF-1411, and Certificate of Current Cost and Pricing Data are included.

If you have any questions, please call me at 904-656-1293. We look forward to working with you on the completion of this project.

Very truly yours,

ABB ENVIRONMENTAL SERVICES INC.


Margaret E. Layne, P.E.
Task Order Manager

ABB Environmental Services Inc.

FINAL WORK PLAN
RI/FS AND PSC SCREENING WORK PLANS
AND PROJECT ADMINISTRATION
NAS CECIL FIELD, FLORIDA
Contract Task Order No. 0002
Navy CLEAN - District I
Contract No. N62467-89-D-0317

December 1990

I. INTRODUCTION

On September 6, 1990, Southern Division Naval Facilities Engineering Command (SOUTHDIV) contracted with ABB Environmental Services, Inc. (ABB-ES) to assist the Navy's Environmental Engineering Program by providing engineering support services for the Installation Restoration Program (IR). The first step in the process of executing a Contract Task Order (CTO) is for ABB-ES to respond to a Statement Of Work (SOW) by participating in a site visit to definitize the SOW and then to develop a Work Plan (WP) which presents the scope of services, schedule and costs estimated to meet the objectives of all or part of the SOW.

This WP describes the scope of services, schedule and costs estimated to meet the objectives of the SOW dated 19 November 1990, for RI/FS and PSC Screening Work Plans and Project Administration at NAS Cecil Field, Florida. The Statement of Work includes the following activities:

- * Management Activities including review and maintenance of the administrative record, review and updates of the site management plan, RCRA/CERCLA coordination, progress reports, and TRC/Project Managers' meetings.
- * Technical Activities including review of existing information, conversion of existing planning documents into electronic format, review and revision of the RI/FS and PSC Work Plans (including the Health and Safety Plan, Sampling and Analysis Plan, and Community Relations Plan), and scoping of the Well Construction Materials Study.

The purpose of this WP is to present the scope of services definitized by the Navy and ABB-ES during the site visit conducted during the period of October 23-25, 1990, and negotiated December 12, 1990. This definitized scope of services is designed to meet the objectives set forth in the SOW dated 19 November 1990 developed by SOUTHDIV.

The following sections present the scope of services (Section II), key personnel (Section III), schedule (Section IV) and cost estimates (Section V).

II. SCOPE OF SERVICES

Task #1 (Work Element #2) - Project Schedules and Progress Reports

ABB-ES will prepare Technical/Financial Monthly Reports (TFMR) for 1 year (12 reports) in accordance with the provisions of Part V, Section 3 of the contract. Each report will be in the format required in the contract (Part IX, Attachment A) and will summarize activities during the month, any problems encountered and their proposed resolution, and will include a schedule update in the form of a Gantt chart. ABB-ES will notify the Navy immediately upon

discovery of any significant new site conditions, including imminent hazard or substantial endangerment, and any deviation from the project schedule or WP. The cost estimate will reflect an estimated 3 additional reports for this purpose.

The key personnel and level of effort (LOE) estimated for this task include the Task Order Manager (15 days) and Program Assistant.

Task #2 (Work Element #3) - Review Existing Information

ABB-ES will become familiar with the site history and previous investigations by reviewing the IAS report (July 1985), the RFI report (March 1988), minutes of TRC meetings, results of the Florida DHRS well survey, and the base stormwater management plan. ABB-ES received copies of the IAS, the RFI, and the TRC meeting minutes during the initial site visit, and will make copies and return the originals to Dave Pipkin at NAS Cecil Field.

The key personnel and LOE estimated for this task include the Task Order Manager (15 days), Senior Scientist (RI Leader - 3 days), and Toxicologist (Risk Assessment Specialist - 3 days).

Task #3 (Work Element #4) - Administrative Record

ABB-ES will review EPA guidance on Administrative Record for CERCLA sites and review the Navy's current administrative record filing system and computer database program to determine whether it complies with the EPA guidance. ABB-ES will make recommendations on whether the Navy's current filing system needs to be revised to bring it into compliance with the EPA guidance. Extensive revisions to the Navy's current filing system are not included in this task. The official Administrative Record is kept at SOUTHDIV, with a copy of all documents also filed at NAS Cecil Field. ABB-ES will update the Administrative Record files and the computer database quarterly at both SouthDiv and NAS Cecil.

The key personnel and LOE estimated for this task include an Engineer (8 days) to review the EPA guidance and evaluate the current filing system and computer database and a Program Assistant (12 days) to maintain and update the files. A trip to EPA Region IV in Atlanta to review the guidance with EPA is included in this task. An initial 3 day trip to SouthDiv will be required to review the existing filing system, with quarterly one day trips to SouthDiv and NAS Cecil for one year (4 trips total) thereafter to update the files.

Task #4 (Work Element #5) - Site Management Plan

ABB-ES will review and comment on drafts of the Site Management Plan prepared by the EIC as required by the Federal Facilities Agreement (FFA). ABB-ES will provide support for annual updates of the Site Management Plan required by the FFA. The Site Management Plan will include milestone dates, schedule in the form of a Gantt chart, and description of planned work activities.

The key personnel and level of effort estimated for this task include the Task Order Manager (3 days) and the Program Assistant (3 days).

Task #5 (Work Element #6) - Review/Revise RI/FS Work Plan

ABB-ES will revise the RI/FS Work Plan to remove references to specific contractors, address comments from the USEPA and FDER received prior to the date of this WP, develop a new Project Management Plan and Health and Safety Plan, add two, 120 feet deep monitoring wells requested by the TRC, add methodology for soil gas survey to the Sampling and Analysis Plan, and provide additional detail on how the baseline risk assessment will be conducted. Draft and final documents will be submitted to the Navy. Twenty copies of each document will be required for submittal to EPA, FDER, and the Navy.

The key personnel and LOE estimated for this task include the Task Order Manager (20 days), Senior Scientist (20 days), Toxicologist (10 days), Health and Safety Specialist (18 days), Clerical and graphics support.

Task #6 (Work Element #7) - Revise the PSC Work Plan

ABB-ES will review the PSC Work Plan and revise it to remove references to specific contractors and address comments from the USEPA and FDER.

The key personnel and LOE estimated for this task include the Task Order Manager (3 days), Senior Scientist (8 days), Clerical and graphics support.

Task #7 (Work Element #8) - Prepare Amendments to the PSC Work Plan

ABB-ES will add plans for screening of two additional potential sites discovered since preparation of the PSC Work Plan. Three drafts (90%, Draft, and Final) of the document will be prepared.

The key personnel and LOE estimated for this task include the Task Order Manager (6 days), Senior Scientist (10 days), Clerical and graphics support.

Task #8 (Work Element #9) - Revise the Community Relations Plan (CRP)

ABB-ES will revise the CRP to remove references to specific contractors and address EPA comments received prior to the date of this WP, implement and maintain the mailing list for community relations in dBASE format, and prepare an estimated 5 fact sheets of 3 to 4 pages in length, 150 copies of each to be provided to the Facility IR Coordinator for distribution.

The key personnel and LOE estimated for this task include the Task Order Manager (6 days), a Community Relations Specialist (15 days), Clerical and graphics support.

Task #9 (Work Element #10) - Implement the Community Relations Plan

ABB-ES will prepare for and participate in two public meetings at NAS Cecil Field. Each meeting will require a site visit of 2 days/one night. ABB-ES will prepare a letter report critiquing each community relations event upon its completion. ABB-ES will also prepare press releases and respond to public comments on RI/FS activities.

The key personnel and LOE estimated for this task include the Task Order Manager (10 days), Community Relations Specialist (15 days), Clerical and graphics support.

Task #10 (Work Element #14) - TRC/Project Manager's Meetings

ABB-ES will prepare for and attend quarterly meetings for one year (4 total) at NAS Cecil Field. Each meeting will require two days and one night on site, time for preparation prior to the meeting and completion and distribution of minutes following the meeting. ABB-ES will tape record each meeting and provide minutes to all attendees within 10 working days. Minutes are estimated to average 5 pages in length and will be distributed to an estimated 7 attendees.

The key personnel and LOE estimated for this task include the Task Order Manager (16 days), Senior Scientist (16 days), and Clerical support.

Task #11 (Work Element #12) - RCRA/CERCLA Coordination

ABB-ES will review the RCRA Consent Order for the AIMD tank closure and groundwater monitoring plan to ensure that groundwater monitoring well placement is coordinated between the RI/FS and the RCRA closure activities at Site #16. ABB-ES may be required to respond to questions from EPA regarding the RCRA closure at this site.

The key personnel and LOE estimated for this task include the Task Order Manager (5 days) and Clerical support.

Task #12 (Work Element #13) - Well Construction Material Study

ABB-ES will review existing data on the impact of monitoring well construction materials on groundwater analyses and prepare a work plan to evaluate the impact of stainless steel versus PVC well screen and casing on groundwater monitoring results. ABB-ES will communicate with the USEPA Athens Laboratory on the scoping of the study. Three drafts of the study work plan will be submitted (90%, draft, and final) to the Navy, EPA, and FDER.

The key personnel and LOE estimated for this task include the Task Order Manager (5 days), Technical Expert (20 days), Senior Scientists (statistician, hydrogeologist, chemist, total 15 days), Clerical and graphics support.

Task #13 (Work Element #6) - Document Conversion, Deliverables in electronic format

ABB-ES will convert the existing planning documents for the RI/FS and PSC Screening at NAS Cecil Field from hard copy to electronic format (Wordperfect) and provide the Navy with copies on diskette. The text and tables of the main body of the documents will be converted. The appendices will remain as hard copy only.

ABB-ES will provide the Navy with copies of all new documents prepared under this CTO on 5 1/4" double sided, double density diskettes in Wordperfect 5.1 or the most current version. It is understood that this provision is for Navy records and to generate additional copies of text and tables at some future date as needed by SOUTHDIV. It is also understood that changes made to the deliverable which alter the meaning or intent as represented by ABB-ES will release ABB-ES from any liability associated with professional evaluations, conclusions or recommendations.

The key personnel and level of effort estimated for this task include the Task Order Manager (5 days), Clerical and graphics support.

Task #14 (Work Element #11)

ABB-ES will evaluate the location and current land use of the 12 RI/FS and 6 PSC sites at NAS Cecil Field to assess potential health and safety concerns in accordance with the OSHA Hazard Communication Standard. The objective of this evaluation will be to identify sites which should have site access restricted due to potential for exposure of Navy personnel to physical or chemical hazards presented by past or current waste disposal activities.

Based on the site access evaluation, ABB-ES will develop a brief report presenting any recommended access control measures for each site and the supporting rationale, as appropriate, and an order of magnitude cost estimate to implement the recommended actions. A draft report will be submitted to the Navy for review and comment, and a final report addressing the Navy's comments will then be prepared. The recommendations may include but are not limited to the posting of warning signs, construction of fences and gates, and discontinuing present land use activities.

It is understood that these evaluations will be made based on limited site data and therefore will not involve any ecological or human health risk assessment.

The key personnel and level of effort estimated for this task include the Task Order Manager (2 days), the Health and Safety

Manager (2 days), the Health and Safety Assistant (5 days), and clerical and graphics support.

III. KEY PERSONNEL

The designated roles for the Installation Restoration work at NAS Cecil Field are as follows:

- * Program Manager. The Program Manager, Tony Allen, is responsible for oversight and management of the overall multi-installation Navy CLEAN contract for District I. In this position, Mr. Allen is able to identify overall program needs, promote technology and other information transfer between various Navy CLEAN projects, and direct resources as

appropriate, for effective and timely completion of program activities.

- * Task Order Manager. The Task Order Manager for NAS Cecil Field will be Margaret Layne, P.E. Ms. Layne is responsible for evaluating the appropriateness and adequacy of the technical or engineering services provided for the Cecil Field CTO and in developing the technical approach and LOE required to address each of the WP tasks. Ms. Layne is also responsible for the day-to-day conduct of the work, including the integration of the input of supporting disciplines and subcontractors. She will be reviewing the ongoing quality control during the performance of the work, the technical

integrity of conclusions and recommendations, and the clarity and usefulness of all project work products.

Some specific responsibilities of this role include:

- * overall technical responsibility for the project;
 - * initiating project activities;
 - * participating in the work plan preparation and staff assignments;
 - * identifying and fulfilling equipment and other resource requirements;
 - * monitoring task activities to ensure compliance with established budgets, schedules, and scope of work; and
 - * regularly interacting with the E-I-C, the program manager, and others as appropriate, on the status of the project.
- * Quality Review Board. A Quality Review Board made up of senior technical staff from the ABB-ES team will assist the Task Order Manager by providing review of the technical

aspects of the project to assure they are produced in accordance with corporate policy, and meet the requirements of SDIV.

Michael Keirn, Ph.D. and Ken Busen, P.G. will comprise the ABB-ES technical quality review board and will be actively involved in assuring the technical quality and appropriateness of methodologies, conclusions and recommendations of the RI/FS project at NAS Cecil Field.

- * Other Key Technical Team Members. Michael Keirn, Ph.D., will be the technical expert in charge of developing the Well Construction Material Study due to his extensive knowledge and experience with site chemistry and USEPA Athens requirements and personnel.

Kathleen O'Neil, P.G., will occupy the position of Remedial Investigation Leader (Senior Scientist) due to her extensive experience in CERCLA and IRP investigations and knowledge of Florida hydrogeology.

- * Contract Manager. The position of contract manager is established because of the importance of day-to-day scope, schedule and budget monitoring for the NAS Cecil Field RI/FS between ABB-ES and SouthDiv contracts. It is expected that program decisions will be occurring frequently. Therefore, it is necessary to anticipate and immediately implement contractual actions (i.e., amend subcontracts, initiate procurement actions, etc.) to carry out the program plans. Les Herring will occupy this position in the early months of the project and will be responsible for these areas to the Task Order Manager and be the principal communication link to SouthDiv contracts. Three specific tasks for which Mr. Herring will be responsible are the following:

- * establish and oversee all subcontract actions to support the project;
- * review technical/financial monthly reports for contractual conformance;
- * ensure that appropriate financial record and reporting requirements are met.

IV. SCHEDULE

Attachment A includes a Gantt chart presenting the proposed schedule for completion of the tasks described above. Additionally, a milestone report is included presenting the key deadline dates in the project. The Schedule assumes a Notice to Proceed receipt on December 21, 1990, and will be revised to reflect the actual date of the Notice to Proceed.

V. COST

Attachment B presents the cost estimate to complete the scope of services described herein on Table 1 and a fee itemization form. In addition a SF 1411 is presented as required in the RFP letter dated October 2, 1990, and a Certificate of Current Cost and Pricing Data is also attached.

VI. FEE ITEMIZATION FORM SCOPE LIMITATION

The purpose of this paragraph is to clearly define the scope and assumptions made for this fee proposal, should it be necessary to enact provisions delineated at Part VII, Para. 22 of the subject Contract in accordance with FAR 52.243-2.

Specific Parameters:

As outlined specifically in Task #1 through #14 of the Work Plan dated December 14, 1990.

Period of Performance Parameters:

Costs presented are estimated to be incurred through January, 1992 (refer to Milestone Chart).

ATTACHMENT A
SCHEDULE

NAS CECIL FIELD

RI/FS AND PSC WORK PLAN PROJECT SCHEDULE

UPDATED DECEMBER 17, 1990

| | '90 | | JAN '91 | | FEB '91 | | MAR '91 | | APR '91 | | MAY '91 | | JUN '91 | | | | | | | | | | | | | | | |
|--------------------------------|-------|----|---------|---|---------|----|---------|---|---------|----|---------|---|---------|----|----|---|---|----|----|----|---|----|----|----|---|----|----|----|
| | 17 | 24 | 31 | 7 | 14 | 21 | 28 | 4 | 11 | 18 | 25 | 4 | 11 | 18 | 25 | 1 | 8 | 15 | 22 | 29 | 6 | 13 | 20 | 27 | 3 | 10 | 17 | 24 |
| NOTICE TO PROCEED | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - DEC | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - JAN | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - FEB | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - MAR | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - APR | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW EXISTING INFORMATION | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAINTAIN ADMIN RECORD (QUAR) | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPDATE SITE MGMT PLAN (ANNUAL) | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE RI/FS MP | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE PSC MP | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMEND PSC MP | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE CRP | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EPA REVIEW | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PREPARE FINAL WORK PLANS | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IMPLEMENT CRP | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRC/PM MEETINGS (QUARTERLY) | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RCRA/CERCLA COORDINATION | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCOPE WELL STUDY | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONVERT EXISTING DOCUMENTS | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SITE USE REVIEW | [Bar] | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| LEGEND | | COMPARISON | |
|-----------|---------|------------|-------|
| PROJECT: | CURRENT | [Bar] | [Bar] |
| CRITICAL | | [Bar] | [Bar] |
| ACTUAL | | [Bar] | [Bar] |
| FLOAT | | [Bar] | [Bar] |
| EVENT | | [Bar] | [Bar] |
| MILESTONE | | [Bar] | [Bar] |

| REVISIONS | |
|-----------|-------|
| [Bar] | [Bar] |

NAVY CLEAN
 SOUTHERN DIVISION -- NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 CTO #2 MILESTONES
 DECEMBER 1990

| CTO | TASK | MILESTONE | STATUS | -----WORK PLAN----- | | -----DELIVERY----- | | NOTES |
|---------|------|---|--------|---------------------|--------------|--------------------|------------|-------|
| | | | | ORIGINAL DATE | REVISED DATE | PLANNED = P | ACTUAL = A | |
| CTO-002 | 1 | PROGRESS REPORT - DEC | I | 01/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - JAN | I | 02/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - FEB | I | 03/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - MAR | I | 04/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - APR | I | 05/06/91 | | | P | |
| CTO-002 | 5 | DELIVER DRAFT PLANNING DOCS. (RI/FS WP) | I | 02/08/91 | | | P | |
| CTO-002 | 6 | DELIVER DRAFT PLANNING DOCS. (PSC WP) | I | 02/08/91 | | | P | |
| CTO-002 | 8 | DELIVER DRAFT CRP | I | 02/08/91 | | | P | |
| CTO-002 | 12 | DELIVER DRAFT STUDY PLAN | I | 02/01/91 | | | P | |
| CTO-002 | 13 | DELIVER DISKETTES TO SDIV | I | 01/18/91 | | | P | |
| CTO-002 | 14 | DELIVER SITE USE RECOMMENDATIONS | I | 02/01/91 | | | P | |

ATTACHMENT B

COSTS

**CLEAN FEE ITEMIZATION FORM
SOUTH DIV ENVIRONMENTAL DIVISION**

CTO: 0002 DATE OF SCOPE: 19 November 1990 A&E FIRM: ABB Environmental Services, Inc.
 DATE OF ESTIMATE: 13 December 1990 CONTRACT NO.: N62467-89-D-0317

PROJECT: RI/FS and PSC Screening Work Plans and Project Administration

FUNDING: Defense Environmental Restoration Act (DERA)

ACTIVITY: NAS Cecil Field

UIC CODE: N60200 LOCATION: Jacksonville, Florida

| ITEM | RATE/HR. | OFFICE | | FIELDWORK | | TOTAL | |
|----------------------------------|--------------|--------------|---------------------|--------------|---------|--------------|---------------------|
| | | LABOR HOURS | COST(S) | LABOR HOURS | COST(S) | LABOR HOURS | COST(S) |
| Program Manager | \$36.50 | | | | | | |
| Quality Assurance Manager | 25.50 | | | | | | |
| Task Order Manager | 29.00 | 888 | \$25,752.00 | | | 888 | \$25,752.00 |
| Senior Engineer | 29.00 | | | | | | |
| Senior Scientist | 29.10 | 576 | \$16,761.60 | | | 576 | \$16,761.60 |
| Engineer | 18.50 | 64 | \$1,184.00 | | | 64 | \$1,184.00 |
| Geologist | 19.00 | | | | | | |
| Community Relations | 20.00 | 240 | \$4,800.00 | | | 240 | \$4,800.00 |
| Toxicologist | 18.00 | 104 | \$1,872.00 | | | 104 | \$1,872.00 |
| Program Assistant | 13.00 | 150 | \$1,950.00 | | | 150 | \$1,950.00 |
| Clerical/Word Processing | 10.00 | 368 | \$3,680.00 | | | 368 | \$3,680.00 |
| Accounting | 14.00 | | | | | | |
| Contract Manager | 19.50 | | | | | | |
| Technical Editor | 13.26 | | | | | | |
| Health & Safety Assistant | 12.50 | 160 | \$2,000.00 | | | 160 | \$2,000.00 |
| Health & Safety Manager (CIH) | 24.00 | 40 | \$960.00 | | | 40 | \$960.00 |
| Quality Assurance Assistant | 19.71 | | | | | | |
| Cad Operator/Sr. Draftsperson | 15.60 | | | | | | |
| Draftsperson | 10.50 | 176 | \$1,848.00 | | | 176 | \$1,848.00 |
| Air Quality Engineer/Scientist | 16.94 | | | | | | |
| Senior Hydrologist | 33.79 | | | | | | |
| Senior Chemist (CLP Qual.) | 22.44 | | | | | | |
| Chemist | 16.35 | | | | | | |
| Computer Programmer | 19.71 | | | | | | |
| Senior Contract Manager | 28.50 | | | | | | |
| Technical Expert (PhD-Sci/Eng) | 35.00 | 160 | \$5,600.00 | | | 160 | \$5,600.00 |
| TOTAL DIRECT LABOR | XXXXX | 2,926 | \$66,408.00 | | | 2,926 | \$66,408.00 |
| X Fringe (.3312) | XXXXX | XXXXX | \$21,994.00 | XXXXX | | XXXXX | \$21,994.00 |
| X Overhead (.5413) | XXXXX | XXXXX | \$47,852.00 | XXXXX | | XXXXX | \$47,852.00 |
| X G&A (.0733) | XXXXX | XXXXX | \$9,987.00 | XXXXX | | XXXXX | \$9,987.00 |
| Total Burdened Dir. Labor | XXXXX | XXXXX | \$146,241.00 | XXXXX | | XXXXX | \$146,241.00 |

PART II - OTHER DIRECT COSTS (Itemized on Supplement Sheets)

| ITEM | UNIT COST(S) | QUANTITY | TOTAL |
|--------------------------------|--------------|----------|------------|
| Telephone/Communications | \$4.57 | 60 | \$274.00 |
| Postage/Freight | \$15.00 | 59 | \$885.00 |
| Equipment Rental | | | |
| Expendable Supplies | | | |
| Personnel Protective Equipment | | | |
| Other Special Direct Costs | | | |
| Text Scanning | \$1.50 | 350 | \$525.00 |
| | | | |
| | | | |
| | | | |
| | | | |
| Subtotal | | | \$1,684.00 |
| X G&A (.0733) | | | \$123.00 |
| TOTAL | XXXXXXX | XXXXXXX | \$1,807.00 |

PART III - SUBCONTRACTOR SERVICES (Itemized on Supplement Sheets)

| | | | |
|-------------------------------------|-------------|--------|------------|
| Well/Borings | | | |
| Laboratory Analysis | | | |
| Report Binding | \$8.00 each | 160 | \$1,280.00 |
| Report Printing | \$0.06/page | 45,000 | \$2,700.00 |
| | | | |
| | | | |
| Subtotal | | | \$3,980.00 |
| X G&A (.0733) | | | \$292.00 |
| TOTAL SUBCONTRACTOR SERVICES | XXXXX | XXXXX | \$4,272.00 |

PART IV - TRAVEL (Itemized on Supplement Sheets)

| | | | |
|------------------------------|-----------|-------|------------|
| Subsistence | | | \$1,640.00 |
| Car Rental | | | \$680.00 |
| Airfare | \$400/day | 6 | \$2,400.00 |
| Other Vehicle | | | |
| | | | |
| Subtotal | | | \$4,720.00 |
| X G&A (.0733) | | | \$346.00 |
| TOTAL TRAVEL EXPENSES | XXXXX | XXXXX | \$5,066.00 |

| | TOTAL | | | |
|---|------------------|--------------|----------------------|------|
| | LABOR HOURS | COST(S) | | |
| TOTAL PART I (Direct Labor) | 2,926 | \$146,241.00 | | |
| TOTAL PART II (Other Direct Costs) | | \$1,807.00 | | |
| TOTAL PART III (Subtr. Services) | | \$4,272.00 | | |
| TOTAL PART IV (Travel Expenses) | | \$5,066.00 | | |
| TOTAL | XXXXXX | \$157,386.00 | | |
| Award Fee Pool @ <u>10</u> % x Parts I, II, III, & IV | XXXXXX | \$15,739.00 | | |
| Enter Award Fee % here <u>10</u> % | | | | |
| GRAND TOTAL | | \$173,125.00 | | |
| A&E Signature  | Date 12-17-90 | Telephone | | |
| EIC Signature | Date | Code | Code 18C Approval | Date |

CONTRACT PRICING PROPOSAL COVER SHEET

1. SOLICITATION/CONTRACT/MODIFICATION NO. N62467-89-D-0317
 OMB NO. 9000-0013

NOTE: This form is used in contract actions if submission of cost or pricing data is required. (See FAR 15.804-6(b))

2. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)
 ABB Environmental Services, Inc.
 2571 Executive Center Circle East
 Suite 100
 Tallahassee, Florida 32301

3A. NAME AND TITLE OF OFFEROR'S POINT OF CONTACT
 Tony Allen
 Program Manager
 3B. TELEPHONE NO.
 (904) 656-1293

4. TYPE OF CONTRACT ACTION (Check)
 A. NEW CONTRACT
 B. CHANGE ORDER
 C. PRICE REVISION/ REDETERMINATION
 D. LETTER CONTRACT
 E. UNPRICED ORDER
 F. OTHER (Specify)

5. TYPE OF CONTRACT (Check)
 FFP
 CPFF
 CPIF
 CPAF
 FPI
 OTHER (Specify)

6. PROPOSED COST (A+B+C)
 A. COST \$ 157,386.00
 B. PROFIT/FEE \$ 15,739.00
 C. TOTAL \$ 173,125.00

7. PLACE(S) AND PERIOD(S) OF PERFORMANCE
 Tallahassee, Florida Sept. 6, 1990 to Sept. 6, 1991

8. List and reference the identification, quantity and total price proposed for each contract line item. A line item cost breakdown supporting this recap is required unless otherwise specified by the Contracting Officer. (Continue on reverse, and then on plain paper, if necessary. Use same headings.)

| A. LINE ITEM NO. | B. IDENTIFICATION | C. QUANTITY | D. TOTAL PRICE | E. REF. |
|------------------|--------------------|-------------|----------------|---------------|
| 1 | Technical Services | LOT | \$173,125.00 | Fee Item Form |

9. PROVIDE NAME, ADDRESS, AND TELEPHONE NUMBER FOR THE FOLLOWING (If available)

A. CONTRACT ADMINISTRATION OFFICE
 Southern Division
 Naval Facilities Engineering Command
 2155 Eagle Drive, P.O. Box 10068
 Charleston, S.C. 29411-0068

B. AUDIT OFFICE
 DCAA, c/o Bath Iron Works
 700 Washington Street
 Bath, ME 04530

10. WILL YOU REQUIRE THE USE OF ANY GOVERNMENT PROPERTY IN THE PERFORMANCE OF THIS WORK? (If "Yes," identify)
 YES NO

11A. DO YOU REQUIRE GOVERNMENT CONTRACT FINANCING TO PERFORM THIS PROPOSED CONTRACT? (If "Yes," complete Item 11B)
 YES NO

11B. TYPE OF FINANCING (None)
 ADVANCE PAYMENTS PROGRESS PAYMENTS
 GUARANTEED LOANS

12. HAVE YOU BEEN AWARDED ANY CONTRACTS OR SUBCONTRACTS FOR THE SAME OR SIMILAR ITEMS WITHIN THE PAST 3 YEARS? (If "Yes," identify item(s), customer(s) and contract number(s))
 YES NO

13. IS THIS PROPOSAL CONSISTENT WITH YOUR ESTABLISHED ESTIMATING AND ACCOUNTING PRACTICES AND PROCEDURES AND FAR PART 31 COST PRINCIPLES? (If "No," explain)
 YES NO

14. COST ACCOUNTING STANDARDS BOARD (CASB) DATA (Public Law 91-379 as amended and FAR PART 30)

A. WILL THIS CONTRACT ACTION BE SUBJECT TO CASB REGULATIONS? (If "No," explain in proposal)
 YES NO

B. HAVE YOU SUBMITTED A CASB DISCLOSURE STATEMENT (CASB DS-1 or 2)? (If "Yes," specify in proposal the office to which submitted and if determined to be adequate)
 YES NO

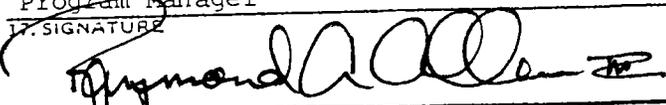
C. HAVE YOU BEEN NOTIFIED THAT YOU ARE OR MAY BE IN NON-COMPLIANCE WITH YOUR DISCLOSURE STATEMENT OR COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)
 YES NO

D. IS ANY ASPECT OF THIS PROPOSAL INCONSISTENT WITH YOUR DISCLOSED PRACTICES OR APPLICABLE COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)
 YES NO

This proposal is submitted in response to the RFP, contract, modification, etc. in Item 1 and reflects our best estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.804-6(b) (2), Table 15-2. By submitting this proposal, the offeror, if selected for negotiation, grants the contracting officer or an authorized representative the right to examine, at any time before award, those books, records, documents and other types of factual information, regardless of form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.

15. NAME AND TITLE (Type)
 Raymond A. Allen, III
 Program Manager

16. NAME OF FIRM
 ABB Environmental Services, Inc.

17. SIGNATURE


18. DATE OF SUBMISSION

CERTIFICATE OF CURRENT COST OR PRICING DATA

INSTRUCTION: If the awarded fee exceeds \$100,000, we must have certification that at the time of negotiation, the cost or pricing data (wages, overhead, etc.) used during negotiation were current. Please execute the below certification and return it to South Div Code 0212.

* * * * *

This is to certify that, to the best of my knowledge and belief, the cost or pricing data (as defined in Section 15.801 (see below) of the Federal Acquisition Regulation (FAR) and required under FAR Subsection 15.804-2) submitted, either actually or by specific identification in writing, to the Contracting Officer or to the Contracting Officer's representative in support of this contract are accurate, complete, and current as of date of negotiation.

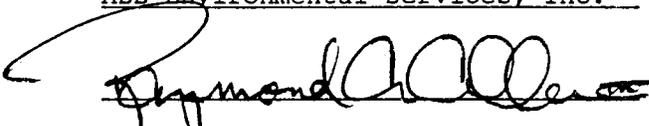
This certification includes the cost or pricing data supporting any advance agreements and forward pricing rate agreements between the offeror and the Government that are part of the proposal.

In addition to above, this is to certify that the status of the firm (small business, etc.) as certified at time of submission of fee proposal has not changed.

CONTRACT NUMBER N62467-89-D-0317

DATE OF NEGOTIATION December 12, 1990

FIRM ABB Environmental Services, Inc.

SIGNATURE 

NAME OF CORPORATE OFFICIAL Raymond A. Allen, III

TITLE CLEAN Program Manager

DATE OF EXECUTION December 14, 1990

* * * * *

FAR 15.801 in part reads: "Cost or pricing data" means all facts as of the time of price agreement that prudent buyers and sellers would reasonably expect to affect price negotiations significantly. Cost or pricing data are factual, not judgmental, and are therefore verifiable. While they do not indicate the accuracy of the prospective contractor's judgment about estimated future cost or projections, they do include the data forming the basis for that judgment. Cost or pricing data are more than historical accounting data; they are all the facts that can be reasonably expected to contribute to the soundness of estimates of future costs and to the validity of determinations of costs already incurred.



7503-32

December 14, 1990

Commanding Officer
ATTN: Mr. Cliff Casey, Code 18212
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Charleston SC 29411-0068

SUBJECT: Final Work Plan Submittal, CTO No. 0002
Navy CLEAN District I
Contract N62467-89-D-0317

Dear Cliff:

In accordance with the provisions delineated in Part VII, Para .5 (d) of the subject contract, ABB Environmental Services (ABB-ES), Inc. is pleased to provide you with the attached Final Work Plan for Contract Task Order (CTO) No. 0002 entitled "RI/FS and PSC screening Work Plans and Project Administration at NAS Cecil Field".

The attached Final Work Plan addresses the revised Statement of Work dated 19 November 1990 and the negotiations conducted at Southern Division on 12 December 1990. The scope of services, cost estimate spreadsheet, ABB-ES Fee Itemization Form, schedule of activities, SF-1411, and Certificate of Current Cost and Pricing Data are included.

If you have any questions, please call me at 904-656-1293. We look forward to working with you on the completion of this project.

Very truly yours,

ABB ENVIRONMENTAL SERVICES INC.


Margaret E. Layne, P.E.
Task Order Manager

ABB Environmental Services Inc.

FINAL WORK PLAN
RI/FS AND PSC SCREENING WORK PLANS
AND PROJECT ADMINISTRATION
NAS CECIL FIELD, FLORIDA
Contract Task Order No. 0002
Navy CLEAN - District I
Contract No. N62467-89-D-0317

December 1990

I. INTRODUCTION

On September 6, 1990, Southern Division Naval Facilities Engineering Command (SOUTHDIIV) contracted with ABB Environmental Services, Inc. (ABB-ES) to assist the Navy's Environmental Engineering Program by providing engineering support services for the Installation Restoration Program (IR). The first step in the process of executing a Contract Task Order (CTO) is for ABB-ES to respond to a Statement Of Work (SOW) by participating in a site visit to definitize the SOW and then to develop a Work Plan (WP) which presents the scope of services, schedule and costs estimated to meet the objectives of all or part of the SOW.

This WP describes the scope of services, schedule and costs estimated to meet the objectives of the SOW dated 19 November 1990, for RI/FS and PSC Screening Work Plans and Project Administration at NAS Cecil Field, Florida. The Statement of Work includes the following activities:

- * Management Activities including review and maintenance of the administrative record, review and updates of the site management plan, RCRA/CERCLA coordination, progress reports, and TRC/Project Managers' meetings.
- * Technical Activities including review of existing information, conversion of existing planning documents into electronic format, review and revision of the RI/FS and PSC Work Plans (including the Health and Safety Plan, Sampling and Analysis Plan, and Community Relations Plan), and scoping of the Well Construction Materials Study.

The purpose of this WP is to present the scope of services definitized by the Navy and ABB-ES during the site visit conducted during the period of October 23-25, 1990, and negotiated December 12, 1990. This definitized scope of services is designed to meet the objectives set forth in the SOW dated 19 November 1990 developed by SOUTHDIIV.

The following sections present the scope of services (Section II), key personnel (Section III), schedule (Section IV) and cost estimates (Section V).

II. SCOPE OF SERVICES

Task #1 (Work Element #2) - Project Schedules and Progress Reports

ABB-ES will prepare Technical/Financial Monthly Reports (TFMR) for 1 year (12 reports) in accordance with the provisions of Part V, Section 3 of the contract. Each report will be in the format required in the contract (Part IX, Attachment A) and will summarize activities during the month, any problems encountered and their proposed resolution, and will include a schedule update in the form of a Gantt chart. ABB-ES will notify the Navy immediately upon

discovery of any significant new site conditions, including imminent hazard or substantial endangerment, and any deviation from the project schedule or WP. The cost estimate will reflect an estimated 3 additional reports for this purpose.

The key personnel and level of effort (LOE) estimated for this task include the Task Order Manager (15 days) and Program Assistant.

Task #2 (Work Element #3) - Review Existing Information

ABB-ES will become familiar with the site history and previous investigations by reviewing the IAS report (July 1985), the RFI report (March 1988), minutes of TRC meetings, results of the Florida DHRS well survey, and the base stormwater management plan. ABB-ES received copies of the IAS, the RFI, and the TRC meeting minutes during the initial site visit, and will make copies and return the originals to Dave Pipkin at NAS Cecil Field.

The key personnel and LOE estimated for this task include the Task Order Manager (15 days), Senior Scientist (RI Leader - 3 days), and Toxicologist (Risk Assessment Specialist - 3 days).

Task #3 (Work Element #4) - Administrative Record

ABB-ES will review EPA guidance on Administrative Record for CERCLA sites and review the Navy's current administrative record filing system and computer database program to determine whether it complies with the EPA guidance. ABB-ES will make recommendations on whether the Navy's current filing system needs to be revised to bring it into compliance with the EPA guidance. Extensive revisions to the Navy's current filing system are not included in this task. The official Administrative Record is kept at SOUTHDIV, with a copy of all documents also filed at NAS Cecil Field. ABB-ES will update the Administrative Record files and the computer database quarterly at both SouthDiv and NAS Cecil.

The key personnel and LOE estimated for this task include an Engineer (8 days) to review the EPA guidance and evaluate the current filing system and computer database and a Program Assistant (12 days) to maintain and update the files. A trip to EPA Region IV in Atlanta to review the guidance with EPA is included in this task. An initial 3 day trip to SouthDiv will be required to review the existing filing system, with quarterly one day trips to SouthDiv and NAS Cecil for one year (4 trips total) thereafter to update the files.

Task #4 (Work Element #5) - Site Management Plan

ABB-ES will review and comment on drafts of the Site Management Plan prepared by the EIC as required by the Federal Facilities Agreement (FFA). ABB-ES will provide support for annual updates of the Site Management Plan required by the FFA. The Site Management Plan will include milestone dates, schedule in the form of a Gantt chart, and description of planned work activities.

The key personnel and level of effort estimated for this task include the Task Order Manager (3 days) and the Program Assistant (3 days).

Task #5 (Work Element #6) - Review/Revise RI/FS Work Plan

ABB-ES will revise the RI/FS Work Plan to remove references to specific contractors, address comments from the USEPA and FDER received prior to the date of this WP, develop a new Project Management Plan and Health and Safety Plan, add two, 120 feet deep monitoring wells requested by the TRC, add methodology for soil gas survey to the Sampling and Analysis Plan, and provide additional detail on how the baseline risk assessment will be conducted. Draft and final documents will be submitted to the Navy. Twenty copies of each document will be required for submittal to EPA, FDER, and the Navy.

The key personnel and LOE estimated for this task include the Task Order Manager (20 days), Senior Scientist (20 days), Toxicologist (10 days), Health and Safety Specialist (18 days), Clerical and graphics support.

Task #6 (Work Element #7) - Revise the PSC Work Plan

ABB-ES will review the PSC Work Plan and revise it to remove references to specific contractors and address comments from the USEPA and FDER.

The key personnel and LOE estimated for this task include the Task Order Manager (3 days), Senior Scientist (8 days), Clerical and graphics support.

Task #7 (Work Element #8) - Prepare Amendments to the PSC Work Plan

ABB-ES will add plans for screening of two additional potential sites discovered since preparation of the PSC Work Plan. Three drafts (90%, Draft, and Final) of the document will be prepared.

The key personnel and LOE estimated for this task include the Task Order Manager (6 days), Senior Scientist (10 days), Clerical and graphics support.

Task #8 (Work Element #9) - Revise the Community Relations Plan (CRP)

ABB-ES will revise the CRP to remove references to specific contractors and address EPA comments received prior to the date of this WP, implement and maintain the mailing list for community relations in dBASE format, and prepare an estimated 5 fact sheets of 3 to 4 pages in length, 150 copies of each to be provided to the Facility IR Coordinator for distribution.

The key personnel and LOE estimated for this task include the Task Order Manager (6 days), a Community Relations Specialist (15 days), Clerical and graphics support.

Task #9 (Work Element #10) - Implement the Community Relations Plan

ABB-ES will prepare for and participate in two public meetings at NAS Cecil Field. Each meeting will require a site visit of 2 days/one night. ABB-ES will prepare a letter report critiquing each community relations event upon its completion. ABB-ES will also prepare press releases and respond to public comments on RI/FS activities.

The key personnel and LOE estimated for this task include the Task Order Manager (10 days), Community Relations Specialist (15 days), Clerical and graphics support.

Task #10 (Work Element #14) - TRC/Project Manager's Meetings

ABB-ES will prepare for and attend quarterly meetings for one year (4 total) at NAS Cecil Field. Each meeting will require two days and one night on site, time for preparation prior to the meeting and completion and distribution of minutes following the meeting. ABB-ES will tape record each meeting and provide minutes to all attendees within 10 working days. Minutes are estimated to average 5 pages in length and will be distributed to an estimated 7 attendees.

The key personnel and LOE estimated for this task include the Task Order Manager (16 days), Senior Scientist (16 days), and Clerical support.

Task #11 (Work Element #12) - RCRA/CERCLA Coordination

ABB-ES will review the RCRA Consent Order for the AIMD tank closure and groundwater monitoring plan to ensure that groundwater monitoring well placement is coordinated between the RI/FS and the RCRA closure activities at Site #16. ABB-ES may be required to respond to questions from EPA regarding the RCRA closure at this site.

The key personnel and LOE estimated for this task include the Task Order Manager (5 days) and Clerical support.

Task #12 (Work Element #13) - Well Construction Material Study

ABB-ES will review existing data on the impact of monitoring well construction materials on groundwater analyses and prepare a work plan to evaluate the impact of stainless steel versus PVC well screen and casing on groundwater monitoring results. ABB-ES will communicate with the USEPA Athens Laboratory on the scoping of the study. Three drafts of the study work plan will be submitted (90%, draft, and final) to the Navy, EPA, and FDER.

The key personnel and LOE estimated for this task include the Task Order Manager (5 days), Technical Expert (20 days), Senior Scientists (statistician, hydrogeologist, chemist, total 15 days), Clerical and graphics support.

Task #13 (Work Element #6) - Document Conversion, Deliverables in electronic format

ABB-ES will convert the existing planning documents for the RI/FS and PSC Screening at NAS Cecil Field from hard copy to electronic format (Wordperfect) and provide the Navy with copies on diskette. The text and tables of the main body of the documents will be converted. The appendices will remain as hard copy only.

ABB-ES will provide the Navy with copies of all new documents prepared under this CTO on 5 1/4" double sided, double density diskettes in Wordperfect 5.1 or the most current version. It is understood that this provision is for Navy records and to generate additional copies of text and tables at some future date as needed by SOUTHDIV. It is also understood that changes made to the deliverable which alter the meaning or intent as represented by ABB-ES will release ABB-ES from any liability associated with professional evaluations, conclusions or recommendations.

The key personnel and level of effort estimated for this task include the Task Order Manager (5 days), Clerical and graphics support.

Task #14 (Work Element #11)

ABB-ES will evaluate the location and current land use of the 12 RI/FS and 6 PSC sites at NAS Cecil Field to assess potential health and safety concerns in accordance with the OSHA Hazard Communication Standard. The objective of this evaluation will be to identify sites which should have site access restricted due to potential for exposure of Navy personnel to physical or chemical hazards presented by past or current waste disposal activities.

Based on the site access evaluation, ABB-ES will develop a brief report presenting any recommended access control measures for each site and the supporting rationale, as appropriate, and an order of magnitude cost estimate to implement the recommended actions. A draft report will be submitted to the Navy for review and comment, and a final report addressing the Navy's comments will then be prepared. The recommendations may include but are not limited to the posting of warning signs, construction of fences and gates, and discontinuing present land use activities.

It is understood that these evaluations will be made based on limited site data and therefore will not involve any ecological or human health risk assessment.

The key personnel and level of effort estimated for this task include the Task Order Manager (2 days), the Health and Safety

Manager (2 days), the Health and Safety Assistant (5 days), and clerical and graphics support.

III. KEY PERSONNEL

The designated roles for the Installation Restoration work at NAS Cecil Field are as follows:

- * Program Manager. The Program Manager, Tony Allen, is responsible for oversight and management of the overall multi-installation Navy CLEAN contract for District I. In this position, Mr. Allen is able to identify overall program needs, promote technology and other information transfer between various Navy CLEAN projects, and direct resources as

appropriate, for effective and timely completion of program activities.

- * Task Order Manager. The Task Order Manager for NAS Cecil Field will be Margaret Layne, P.E. Ms. Layne is responsible for evaluating the appropriateness and adequacy of the technical or engineering services provided for the Cecil Field CTO and in developing the technical approach and LOE required to address each of the WP tasks. Ms. Layne is also responsible for the day-to-day conduct of the work, including the integration of the input of supporting disciplines and subcontractors. She will be reviewing the ongoing quality control during the performance of the work, the technical

integrity of conclusions and recommendations, and the clarity and usefulness of all project work products.

Some specific responsibilities of this role include:

- * overall technical responsibility for the project;
 - * initiating project activities;
 - * participating in the work plan preparation and staff assignments;
 - * identifying and fulfilling equipment and other resource requirements;
 - * monitoring task activities to ensure compliance with established budgets, schedules, and scope of work; and
 - * regularly interacting with the E-I-C, the program manager, and others as appropriate, on the status of the project.
- * Quality Review Board. A Quality Review Board made up of senior technical staff from the ABB-ES team will assist the Task Order Manager by providing review of the technical

aspects of the project to assure they are produced in accordance with corporate policy, and meet the requirements of SDIV.

Michael Keirn, Ph.D. and Ken Busen, P.G. will comprise the ABB-ES technical quality review board and will be actively involved in assuring the technical quality and appropriateness of methodologies, conclusions and recommendations of the RI/FS project at NAS Cecil Field.

- * Other Key Technical Team Members. Michael Keirn, Ph.D., will be the technical expert in charge of developing the Well Construction Material Study due to his extensive knowledge and experience with site chemistry and USEPA Athens requirements and personnel.

Kathleen O'Neil, P.G., will occupy the position of Remedial Investigation Leader (Senior Scientist) due to her extensive experience in CERCLA and IRP investigations and knowledge of Florida hydrogeology.

- * Contract Manager. The position of contract manager is established because of the importance of day-to-day scope, schedule and budget monitoring for the NAS Cecil Field RI/FS between ABB-ES and SouthDiv contracts. It is expected that program decisions will be occurring frequently. Therefore, it is necessary to anticipate and immediately implement contractual actions (i.e., amend subcontracts, initiate procurement actions, etc.) to carry out the program plans. Les Herring will occupy this position in the early months of the project and will be responsible for these areas to the Task Order Manager and be the principal communication link to SouthDiv contracts. Three specific tasks for which Mr. Herring will be responsible are the following:

- * establish and oversee all subcontract actions to support the project;
- * review technical/financial monthly reports for contractual conformance;
- * ensure that appropriate financial record and reporting requirements are met.

IV. SCHEDULE

Attachment A includes a Gantt chart presenting the proposed schedule for completion of the tasks described above. Additionally, a milestone report is included presenting the key deadline dates in the project. The Schedule assumes a Notice to Proceed receipt on December 21, 1990, and will be revised to reflect the actual date of the Notice to Proceed.

V. COST

Attachment B presents the cost estimate to complete the scope of services described herein on Table 1 and a fee itemization form. In addition a SF 1411 is presented as required in the RFP letter dated October 2, 1990, and a Certificate of Current Cost and Pricing Data is also attached.

VI. FEE ITEMIZATION FORM SCOPE LIMITATION

The purpose of this paragraph is to clearly define the scope and assumptions made for this fee proposal, should it be necessary to enact provisions delineated at Part VII, Para. 22 of the subject Contract in accordance with FAR 52.243-2.

Specific Parameters:

As outlined specifically in Task #1 through #14 of the Work Plan dated December 14, 1990.

Period of Performance Parameters:

Costs presented are estimated to be incurred through January, 1992 (refer to Milestone Chart).

ATTACHMENT A

SCHEDULE

NAS CECIL FIELD

RI/FS AND PSC WORK PLAN PROJECT SCHEDULE

UPDATED DECEMBER 17, 1998

| | '90 | | JAN '91 | | FEB '91 | | MAR '91 | | APR '91 | | MAY '91 | | JUN '91 | | | | | | | | | | | | | | | | |
|--------------------------------|-----|----|---------|---|---------|----|---------|---|---------|----|---------|---|---------|----|----|---|---|----|----|----|---|----|----|----|---|----|----|----|--|
| | 17 | 24 | 31 | 7 | 14 | 21 | 28 | 4 | 11 | 18 | 25 | 4 | 11 | 18 | 25 | 1 | 8 | 15 | 22 | 29 | 6 | 13 | 20 | 27 | 3 | 10 | 17 | 24 | |
| NOTICE TO PROCEED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - DEC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - JAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - FEB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - MAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - APR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW EXISTING INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAINTAIN ADMIN RECORD (QUAR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPDATE SITE MGMT PLAN (ANNUAL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE RI/FS MP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE PSC MP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMEND PSC MP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE CRP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EPA REVIEW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PREPARE FINAL WORK PLANS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IMPLEMENT CRP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRC/PM MEETINGS (QUARTERLY) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RCRA/CERCLA COORDINATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCOPE WELL STUDY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONVERT EXISTING DOCUMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SITE USE REVIEW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| LEGEND | | COMPARISON | |
|----------|---------|------------|--------|
| PROJECT: | CURRENT | CRITICAL | ACTUAL |
| | | FLOAT | EVENT |
| | | MILESTONE | |
| | | * | + |
| | | x | □ |

NAVY CLEAN
 SOUTHERN DIVISION -- NAVAL FACILITIES ENGINEERING COMMAND
 CONTRACT N62467-89-D-0317
 CTO #2 MILESTONES
 DECEMBER 1990

| CTO | TASK | MILESTONE | STATUS | -----WORK PLAN----- | | -----DELIVERY----- | | NOTES |
|---------|------|---|--------|---------------------|--------------|--------------------|------------|-------|
| | | | | ORIGINAL DATE | REVISED DATE | PLANNED = P | ACTUAL = A | |
| CTO-002 | 1 | PROGRESS REPORT - DEC | I | 01/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - JAN | I | 02/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - FEB | I | 03/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - MAR | I | 04/05/91 | | | P | |
| CTO-002 | 1 | PROGRESS REPORT - APR | I | 05/06/91 | | | P | |
| CTO-002 | 5 | DELIVER DRAFT PLANNING DOCS. (RI/FS WP) | I | 02/08/91 | | | P | |
| CTO-002 | 6 | DELIVER DRAFT PLANNING DOCS. (PSC WP) | I | 02/08/91 | | | P | |
| CTO-002 | 8 | DELIVER DRAFT CRP | I | 02/08/91 | | | P | |
| CTO-002 | 12 | DELIVER DRAFT STUDY PLAN | I | 02/01/91 | | | P | |
| CTO-002 | 13 | DELIVER DISKETTES TO SDIV | I | 01/18/91 | | | P | |
| CTO-002 | 14 | DELIVER SITE USE RECOMMENDATIONS | I | 02/01/91 | | | P | |

ATTACHMENT B

COSTS

**CLEAN FEE ITEMIZATION FORM
SOUTH DIV ENVIRONMENTAL DIVISION**

DATE OF SCOPE: 19 November 1990A&E FIRM: ABB Environmental Services, Inc.CTO: 0002DATE OF ESTIMATE: 13 December 1990CONTRACT NO.: N62467-89-D-0317PROJECT: RI/FS and PSC Screening Work Plans and Project AdministrationFUNDING: Defense Environmental Restoration Act (DERA)ACTIVITY: NAS Cecil FieldUIC CODE: N60200LOCATION: Jacksonville, Florida

| ITEM | RATE/HR. | OFFICE | | FIELDWORK | | TOTAL | |
|----------------------------------|--------------|--------------|---------------------|--------------|---------|--------------|---------------------|
| | | LABOR HOURS | COST(S) | LABOR HOURS | COST(S) | LABOR HOURS | COST(S) |
| Program Manager | \$36.50 | | | | | | |
| Quality Assurance Manager | 25.50 | | | | | | |
| Task Order Manager | 29.00 | 888 | \$25,752.00 | | | 888 | \$25,752.00 |
| Senior Engineer | 29.00 | | | | | | |
| Senior Scientist | 29.10 | 576 | \$16,761.60 | | | 576 | \$16,761.60 |
| Engineer | 18.50 | 64 | \$1,184.00 | | | 64 | \$1,184.00 |
| Geologist | 19.00 | | | | | | |
| Community Relations | 20.00 | 240 | \$4,800.00 | | | 240 | \$4,800.00 |
| Toxicologist | 18.00 | 104 | \$1,872.00 | | | 104 | \$1,872.00 |
| Program Assistant | 13.00 | 150 | \$1,950.00 | | | 150 | \$1,950.00 |
| Clerical/Word Processing | 10.00 | 368 | \$3,680.00 | | | 368 | \$3,680.00 |
| Accounting | 14.00 | | | | | | |
| Contract Manager | 19.50 | | | | | | |
| Technical Editor | 13.26 | | | | | | |
| Health & Safety Assistant | 12.50 | 160 | \$2,000.00 | | | 160 | \$2,000.00 |
| Health & Safety Manager (CIH) | 24.00 | 40 | \$960.00 | | | 40 | \$960.00 |
| Quality Assurance Assistant | 19.71 | | | | | | |
| Cad Operator/Sr. Draftsperson | 15.60 | | | | | | |
| Draftsperson | 10.50 | 176 | \$1,848.00 | | | 176 | \$1,848.00 |
| Air Quality Engineer/Scientist | 16.94 | | | | | | |
| Senior Hydrologist | 33.79 | | | | | | |
| Senior Chemist (CLP Qual.) | 22.44 | | | | | | |
| Chemist | 16.35 | | | | | | |
| Computer Programmer | 19.71 | | | | | | |
| Senior Contract Manager | 28.50 | | | | | | |
| Technical Expert (PhD-Sci/Eng) | 35.00 | 160 | \$5,600.00 | | | 160 | \$5,600.00 |
| TOTAL DIRECT LABOR | XXXXX | 2,926 | \$66,408.00 | | | 2,926 | \$66,408.00 |
| X Fringe (.3312) | XXXXX | XXXXX | \$21,994.00 | XXXXX | | XXXXX | \$21,994.00 |
| X Overhead (.5413) | XXXXX | XXXXX | \$47,852.00 | XXXXX | | XXXXX | \$47,852.00 |
| X G&A (.0733) | XXXXX | XXXXX | \$9,987.00 | XXXXX | | XXXXX | \$9,987.00 |
| Total Burdened Dir. Labor | XXXXX | XXXXX | \$146,241.00 | XXXXX | | XXXXX | \$146,241.00 |

PART II - OTHER DIRECT COSTS (Itemized on Supplement Sheets)

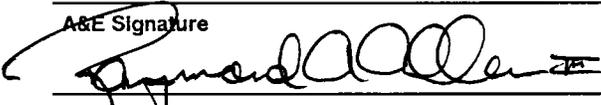
| ITEM | UNIT COST(S) | QUANTITY | TOTAL |
|--------------------------------|--------------|----------|------------|
| Telephone/Communications | \$4.57 | 60 | \$274.00 |
| Postage/Freight | \$15.00 | 59 | \$885.00 |
| Equipment Rental | | | |
| ExpendableSupplies | | | |
| Personnel Protective Equipment | | | |
| Other Special Direct Costs | | | |
| Text Scanning | \$1.50 | 350 | \$525.00 |
| | | | |
| | | | |
| | | | |
| | | | |
| Subtotal | | | \$1,684.00 |
| X G&A (.0733) | | | \$123.00 |
| TOTAL | XXXXXXX | XXXXXXX | \$1,807.00 |

PART III - SUBCONTRACTOR SERVICES (Itemized on Supplement Sheets)

| | | | |
|-------------------------------------|-------------|--------|------------|
| Well/Borings | | | |
| Laboratory Analysis | | | |
| Report Binding | \$8.00 each | 160 | \$1,280.00 |
| Report Printing | \$0.06/page | 45,000 | \$2,700.00 |
| | | | |
| | | | |
| Subtotal | | | \$3,980.00 |
| X G&A (.0733) | | | \$292.00 |
| TOTAL SUBCONTRACTOR SERVICES | XXXXX | XXXXX | \$4,272.00 |

PART IV - TRAVEL (Itemized on Supplement Sheets)

| | | | |
|------------------------------|-----------|-------|------------|
| Subsistence | | | \$1,640.00 |
| Car Rental | | | \$680.00 |
| Airfare | \$400/day | 6 | \$2,400.00 |
| Other Vehicle | | | |
| | | | |
| Subtotal | | | \$4,720.00 |
| X G&A (.0733) | | | \$346.00 |
| TOTAL TRAVEL EXPENSES | XXXXX | XXXXX | \$5,066.00 |

| | TOTAL | | | |
|---|------------------|--------------|-------------------|------|
| | LABOR HOURS | COST(S) | | |
| TOTAL PART I (Direct Labor) | 2,926 | \$146,241.00 | | |
| TOTAL PART II (Other Direct Costs) | | \$1,807.00 | | |
| TOTAL PART III (Subtr. Services) | | \$4,272.00 | | |
| TOTAL PART IV (Travel Expenses) | | \$5,066.00 | | |
| TOTAL | XXXXXX | \$157,386.00 | | |
| Award Fee Pool @ <u>10</u> % x Parts I, II, III, & IV | XXXXXX | \$15,739.00 | | |
| Enter Award Fee % here <u>10</u> % | | | | |
| GRAND TOTAL | | \$173,125.00 | | |
| A&E Signature  | Date 12-17-90 | Telephone | | |
| EIC Signature | Date | Code | Code 18C Approval | Date |

CERTIFICATE OF CURRENT COST OR PRICING DATA

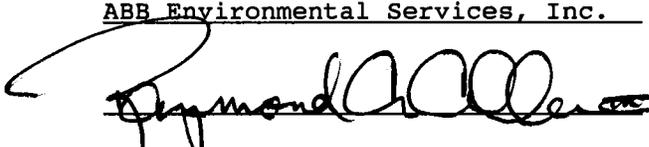
INSTRUCTION: If the awarded fee exceeds \$100,000, we must have certification that at the time of negotiation, the cost or pricing data (wages, overhead, etc.) used during negotiation were current. Please execute the below certification and return it to South Div Code 0212.

* * * * *

This is to certify that, to the best of my knowledge and belief, the cost or pricing data (as defined in Section 15.801 (see below) of the Federal Acquisition Regulation (FAR) and required under FAR Subsection 15.804-2) submitted, either actually or by specific identification in writing, to the Contracting Officer or to the Contracting Officer's representative in support of this contract are accurate, complete, and current as of date of negotiation.

This certification includes the cost or pricing data supporting any advance agreements and forward pricing rate agreements between the offeror and the Government that are part of the proposal.

In addition to above, this is to certify that the status of the firm (small business, etc.) as certified at time of submission of fee proposal has not changed.

| | |
|-----------------------------------|--|
| CONTRACT NUMBER | <u>N62467-89-D-0317</u> |
| DATE OF NEGOTIATION | <u>December 12, 1990</u> |
| FIRM | <u>ABB Environmental Services, Inc.</u> |
| SIGNATURE |  |
| NAME OF CORPORATE OFFICIAL | <u>Raymond A. Allen, III</u> |
| TITLE | <u>CLEAN Program Manager</u> |
| DATE OF EXECUTION | <u>December 14, 1990</u> |

* * * * *

FAR 15.801 in part reads: "Cost or pricing data" means all facts as of the time of price agreement that prudent buyers and sellers would reasonably expect to affect price negotiations significantly. Cost or pricing data are factual, not judgmental, and are therefore verifiable. While they do not indicate the accuracy of the prospective contractor's judgment about estimated future cost or projections, they do include the data forming the basis for that judgment. Cost or pricing data are more than historical accounting data; they are all the facts that can be reasonably expected to contribute to the soundness of estimates of future costs and to the validity of determinations of costs already incurred.



7503-31

December 3, 1990

Commanding Officer
ATTN: Mr. Cliff Casey, Code 18212
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
Charleston SC 29411-0068

SUBJECT: Site Visit Report and Revised Work Plan Submittal
Contract N62467-89-D-0317 CTO No. 0002

Dear Cliff:

In accordance with the provisions delineated in Part VII, Para .5 (d) of the subject contract, ABB Environmental Services (ABB-ES), Inc. is pleased to provide you with the attached Site Visit Report and Revised Work Plan for Contract Task Order (CTO) No. 0002 entitled "Installation Restoration RI/FS and PSC screening at NAS Cecil Field".

On October 23, 1990, Peggy Layne of ABB-ES met with Cliff Casey and Janet Morris of Southern Division, Naval Facilities Engineering Command, at NAS Cecil Field to discuss and definitize the scope of services to be provided under Contract Task Order (CTO) No. 0002 of Contract Number N62467-89-D-0317. On Wednesday, October 24, they were joined by Dave Pipkin, RI Coordinator for NAS Cecil Field, and Janet Burris and Kathleen O'Neil of ABB-ES to tour the 12 RI and 6 PSC sites identified at NAS Cecil Field. Scope discussions were completed by Peggy Layne, Cliff Casey, and Dave Pipkin on Thursday morning, October 25.

As a result of these discussions, the decision was made to conduct the work under CTO-0002 in two phases. Phase I will include project management tasks such as preparation of progress reports, revisions to the Site Management Plan, maintenance of the Administrative Record, review of existing information, conversion of existing planning documents into electronic format, review of and revisions to the RI/FS Work Plan, PSC Work Plan, Community Relations Plan, attendance at TRC and Project Managers meetings, RCRA/CERCLA coordination support, and scoping of the Well Construction Materials Study. Referring to the statement of work dated 19 September 1990, Phase I will include part of Work Elements 2 and 3, Work Elements 4, 5, 6, 7, 10, 12, 13, 14, part of Work

ABB Environmental Services Inc.



Elements 15, 21, and 22, and Work Element 24. Scope and costs for Phase I tasks will be negotiated at this time.

Phase II will include implementation of the RI/FS and PSC Work Plans, amendments to the RI/FS Work Plan, sample analysis and validation, preparation of Technical Memoranda and draft and final RI reports, identification of remedial alternatives, baseline risk assessment, and implementation of the Well Construction Materials Study. Referring to the statement of work dated 19 September 1990, Phase II will include part of Work Elements 2 and 3, Work Elements 8 and 9, Work Element 11, part of Work Element 15, Work Elements 16, 17, 18, 19, and 20, and part of Work Element 22. Scope and costs for Phase II will be negotiated within one year.

The attached Work Plan has been developed to address the Phase I tasks, and includes the scope of services, cost estimate spreadsheet, ABB-ES Fee Itemization Form, schedule of activities, and SF-1411. Level of effort has been revised to reflect a period of performance of one year from the Notice to Proceed for all tasks, per revised Statement of Work received November 21, 1990. Other Direct Costs have been revised to remove all word processing computer charges and to move all outside printing and report binding into subcontracts, per telephone discussions between Tony Allen and Janet Morris on November 27 and 29, 1990.

If you have any questions, please call me at 904-656-1293. We look forward to working with you on the completion of this project.

Very truly yours,

ABB ENVIRONMENTAL SERVICES INC.

A handwritten signature in cursive script, reading 'Margaret E. Layne', is positioned above the typed name.

Margaret E. Layne, P.E.
Task Order Manager

DRAFT WORK PLAN
REMEDIAL INVESTIGATION/FEASIBILITY STUDY AND PSC SCREENING
NAS CECIL FIELD, FLORIDA
Contract Task Order No. 0002
Navy CLEAN - District I
Contract No. N62467-89-D-0317

December 1990

I. INTRODUCTION

On September 6, 1990, Southern Division Naval Facilities Engineering Command (SOUTHDIIV) contracted with ABB Environmental Services, Inc. (ABB-ES) to assist the Navy's Environmental Engineering Program by providing engineering support services for the Installation Restoration Program (IR). The first step in the process of executing a Contract Task Order (CTO) is for ABB-ES to respond to a Statement Of Work (SOW) by participating in a site visit to definitize the SOW and then to develop a Work Plan (WP) which presents the scope of services, schedule and costs estimated to meet the objectives of all or part of the SOW.

This WP describes the scope of services, schedule and costs estimated to meet the objectives of Phase I of the SOW dated September 19, 1990, for Remedial Investigation/Feasibility Study and PSC Screening at NAS Cecil Field, Jacksonville, Florida. Phase I includes the following activities:

- * Management Activities including review and maintenance of the administrative record, review and updates of the site management plan, RCRA/CERCLA coordination, progress reports, and TRC/Project Managers' meetings.
- * Technical Activities including review of existing information, conversion of existing planning documents into electronic format, review and revision of the RI/FS and PSC Work Plans (including the Health and Safety Plan, Sampling and Analysis Plan, and Community Relations Plan), and scoping of the Well Construction Materials Study.

The purpose of this WP is to present the scope of services definitized by the Navy and ABB-ES during the site visit conducted during the period of October 23-25, 1990. This definitized scope of services is designed to meet the objectives set forth in the SOW dated September 19, 1990 developed by SOUTHDIIV.

The following sections present the scope of services (Section II), key personnel (Section III), schedule (Section IV) and cost estimates (Section V).

II. SCOPE OF SERVICES

Task #1 (Work Element #2) - Technical/Financial Monthly Reports

ABB-ES will prepare Technical/Financial Monthly Reports (TFMR) for 1 year (12 reports) in accordance with the provisions of Part V, Section 3 of the contract. Each report will be in the format required in the contract (Part IX, Attachment A) and will summarize activities during the month, any problems encountered and their proposed resolution, and will include a schedule update in the form of a Gantt chart. ABB-ES will notify the Navy immediately upon

discovery of any significant new site conditions, including imminent hazard or substantial endangerment, and any deviation from the project schedule or WP. The cost estimate will reflect an estimated 3 additional reports for this purpose.

The key personnel and level of effort (LOE) estimated for this task include the Task Order Manager (15 days) and Program Assistant.

Task #2 (Work Element #3) - Review Existing Information

ABB-ES will become familiar with the site history and previous investigations by reviewing the IAS report (July 1985), the RFI report (March 1988), minutes of TRC meetings, results of the Florida DHRS well survey, and the base stormwater management plan. ABB-ES received copies of the IAS, the RFI, and the TRC meeting minutes during the initial site visit, and will make copies and return the originals to Dave Pipkin at NAS Cecil Field.

The key personnel and LOE estimated for this task include the Task Order Manager (15 days), Senior Scientist (RI Leader - 3 days), and Toxicologist (Risk Assessment Specialist - 3 days).

Task #3 (Work Element #4) - Administrative Record

ABB-ES will review EPA guidance on Administrative Record for CERCLA sites and review the Navy's current administrative record filing system and computer database program to determine whether it complies with the EPA guidance. ABB-ES will make recommendations on whether the Navy's current filing system needs to be revised to bring it into compliance with the EPA guidance. Extensive revisions to the Navy's current filing system are not included in this task. The official Administrative Record is kept at SOUTHDIV, with a copy of all documents also filed at NAS Cecil Field. ABB-ES will update the Administrative Record files and the computer database quarterly at both SouthDiv and NAS Cecil.

The key personnel and LOE estimated for this task include an Engineer (7 days) to review the EPA guidance and evaluate the current filing system and computer database and a Program Assistant (12 days) to maintain and update the files. An initial 3 day trip to SouthDiv will be required to review the existing filing system, with quarterly one day trips to SouthDiv and NAS Cecil for one year (4 trips total) thereafter to update the files.

Task #4 (Work Element #6) - Site Management Plan

ABB-ES will review and comment on drafts of the Site Management Plan prepared by the EIC as required by the Federal Facilities Agreement (FFA). ABB-ES will provide support for annual updates of the Site Management Plan required by the FFA. The Site Management Plan will include milestone dates, schedule in the form of a Gantt chart, and description of planned work activities.

The key personnel and level of effort estimated for this task include the Task Order Manager (3 days) and the Program Assistant (3 days).

Task #5 (Work Element #7) - Review/Revise RI/FS Work Plan

ABB-ES will revise the RI/FS Work Plan to remove references to specific contractors, address comments from the USEPA and FDER received prior to the date of this WP, develop a new Project Management Plan and Health and Safety Plan, add two, 120 feet deep monitoring wells requested by the TRC, add methodology for soil gas survey to the Sampling and Analysis Plan, and provide additional detail on how the baseline risk assessment will be conducted. Draft and final documents will be submitted to the Navy. Twenty copies of each document will be required for submittal to EPA, FDER, and the Navy.

The key personnel and LOE estimated for this task include the Task Order Manager (20 days), Senior Scientist (20 days), Toxicologist (10 days), Health and Safety Specialists (18 days), Clerical and graphics support.

Task #6 (Work Element #10) - Revise the PSC Work Plan

ABB-ES will review the PSC Work Plan and revise it to remove references to specific contractors and address comments from the USEPA and FDER.

The key personnel and LOE estimated for this task include the Task Order Manager (3 days), Senior Scientist (8 days), Clerical and graphics support.

Task #7 (Work Element #12) - Prepare Amendments to the PSC Work Plan

ABB-ES will add plans for screening of two additional potential sites discovered since preparation of the PSC Work Plan. Three drafts (90%, Draft, and Final) of the document will be prepared.

The key personnel and LOE estimated for this task include the Task Order Manager (6 days), Senior Scientist (10 days), Clerical and graphics support.

Task #8 (Work Element #13) - Revise the Community Relations Plan (CRP)

ABB-ES will revise the CRP to remove references to specific contractors and address EPA comments received prior to the date of this WP, implement and maintain the mailing list for community relations in dBASE format, and prepare an estimated 5 fact sheets of 3 to 4 pages in length, 150 copies of each to be provided to the Facility IR Coordinator for distribution.

The key personnel and LOE estimated for this task include the Task Order Manager (6 days), a Community Relations Specialist (15 days), Clerical and graphics support.

Task #9 (Work Element #14) - Implement the Community Relations Plan

ABB-ES will prepare for and participate in two public meetings at NAS Cecil Field. Each meeting will require a site visit of 2 days/one night. ABB-ES will prepare a letter report critiquing each community relations event upon its completion. ABB-ES will also prepare press releases and respond to public comments on RI/FS activities.

The key personnel and LOE estimated for this task include the Task Order Manager (10 days), Community Relations Specialist (15 days), Clerical and graphics support.

Task #10 (Work Element #15) - TRC/Project Manager's Meetings

ABB-ES will prepare for and attend quarterly meetings for one year (4 total) at NAS Cecil Field. Each meeting will require two days and one night on site, time for preparation prior to the meeting and completion and distribution of minutes following the meeting. ABB-ES will tape record each meeting and provide minutes to all attendees within 10 working days. Minutes are estimated to average 5 pages in length and will be distributed to an estimated 7 attendees.

The key personnel and LOE estimated for this task include the Task Order Manager (16 days), Senior Scientist (16 days), and Clerical support.

Task #11 (Work Element #21) - RCRA/CERCLA Coordination

ABB-ES will review the RCRA Consent Order for the AIMD tank closure and groundwater monitoring plan to ensure that groundwater monitoring well placement is coordinated between the RI/FS and the RCRA closure activities at Site #16. ABB-ES may be required to respond to questions from EPA regarding the RCRA closure at this site.

The key personnel and LOE estimated for this task include the Task Order Manager (5 days) and Clerical support.

Task #12 (Work Element #22) - Well Construction Material Study

ABB-ES will review existing data on the impact of monitoring well construction materials on groundwater analyses and prepare a work plan to evaluate the impact of stainless steel versus PVC well screen and casing on groundwater monitoring results. ABB-ES will communicate with the USEPA Athens Laboratory on the scoping of the study. Three drafts of the study work plan will be submitted (90%, draft, and final) to the Navy, EPA, and FDER.

The key personnel and LOE estimated for this task include the Task Order Manager (5 days), Technical Expert (20 days), Senior Scientists (statistician, hydrogeologist, chemist, total 15 days), Clerical and graphics support.

Task #13 (Work Element #24, Work Element #5) - Document Conversion, Deliverables in electronic format

ABB-ES will convert the existing planning documents for the RI/FS and PSC Screening at NAS Cecil Field from hard copy to electronic format (Wordperfect) and provide the Navy with copies on diskette. The text and tables of the main body of the documents will be converted. The appendices will remain as hard copy only.

ABB-ES will provide the Navy with copies of all new documents prepared under this CTO on 5 1/4" double sided, double density diskettes in Wordperfect 5.1 or the most current version. It is understood that this provision is for Navy records and to generate additional copies of text and tables at some future date as needed by SOUTHDIR. It is also understood that changes made to the deliverable which alter the meaning or intent as represented by ABB-ES will release ABB-ES from any liability associated with professional evaluations, conclusions or recommendations.

The key personnel and level of effort estimated for this task include the Task Order Manager (5 days), Clerical and graphics support.

III. KEY PERSONNEL

The designated roles for the Installation Restoration work at NAS Cecil Field are as follows:

- * Program Manager. The Program Manager, Tony Allen, is responsible for oversight and management of the overall multi-installation Navy CLEAN contract for District I. In this position, Mr. Allen is able to identify overall program needs, promote technology and other information transfer between various Navy CLEAN projects, and direct resources as appropriate, for effective and timely completion of program activities.

- * Task Order Manager. The Task Order Manager for NAS Cecil Field will be Margaret Layne, P.E. Ms. Layne is responsible for evaluating the appropriateness and adequacy of the technical or engineering services provided for the Cecil Field CTO and in developing the technical approach and LOE required to address each of the WP tasks. Ms. Layne is also responsible for the day-to-day conduct of the work, including the integration of the input of supporting disciplines and subcontractors. She will be reviewing the ongoing quality control during the performance of the work, the technical

integrity of conclusions and recommendations, and the clarity and usefulness of all project work products.

Some specific responsibilities of this role include:

- * overall technical responsibility for the project;
 - * initiating project activities;
 - * participating in the work plan preparation and staff assignments;
 - * identifying and fulfilling equipment and other resource requirements;
 - * monitoring task activities to ensure compliance with established budgets, schedules, and scope of work; and
 - * regularly interacting with the E-I-C, the program manager, and others as appropriate, on the status of the project.
- * Quality Review Board. A Quality Review Board made up of senior technical staff from the ABB-ES team will assist the Task Order Manager by providing review of the technical aspects of the project to assure they are produced in accordance with corporate policy, and meet the requirements of SDIV.

Michael Keirn, Ph.D. and Ken Busen, P.G. will comprise the ABB-ES technical quality review board and will be actively involved in assuring the technical quality and appropriateness of methodologies, conclusions and recommendations of the RI/FS project at NAS Cecil Field.

- * Other Key Technical Team Members. Michael Keirn, Ph.D., will be the technical expert in charge of developing the Well Construction Material Study due to his extensive knowledge and experience with site chemistry and USEPA Athens requirements and personnel.

Kathleen O'Neil, P.G., will occupy the position of Remedial Investigation Leader (Senior Scientist) due to her extensive experience in CERCLA and IRP investigations and knowledge of Florida hydrogeology.

- * Contract Manager. The position of contract manager is established because of the importance of day-to-day scope, schedule and budget monitoring for the NAS Cecil Field RI/FS between ABB-ES and SouthDiv contracts. It is expected that program decisions will be occurring frequently. Therefore, it is necessary to anticipate and immediately implement contractual actions (i.e., amend subcontracts, initiate

procurement actions, etc.) to carry out the program plans. Les Herring will occupy this position in the early months of the project and will be responsible for these areas to the Task Order Manager and be the principal communication link to SouthDiv contracts. Three specific tasks for which Mr. Herring will be responsible are the following:

- * establish and oversee all subcontract actions to support the project;
- * review technical/financial monthly reports for contractual conformance;
- * ensure that appropriate financial record and reporting requirements are met.

IV. SCHEDULE

Attachment A includes a Gantt chart presenting the proposed schedule for completion of the tasks described above. Additionally, a milestone report is included presenting the key deadline dates in the project. The Schedule assumes a Notice to Proceed receipt on December 3, 1990, and will be revised to reflect the actual date of the Notice to Proceed.

V. COST

Attachment B presents the cost estimate to complete the scope of services described herein on Table 1 and a fee itemization form. In addition a SF 1411 is presented as required in the RFP letter dated October 2, 1990.

VI. FEE ITEMIZATION FORM SCOPE LIMITATION

The purpose of this paragraph is to clearly define the scope and assumptions made for this fee proposal, should it be necessary to enact provisions delineated at Part VII, Para. 22 of the subject Contract in accordance with FAR 52.243-2.

Specific Parameters:

As outlined specifically in Task #1 through #14 of the Work Plan dated November 8, 1990.

Period of Performance Parameters:

Costs presented are estimated to be incurred through January, 1992 (refer to Milestone Chart).

ATTACHMENT A
SCHEDULE

NAS CECIL FIELD

PHASE I - RI/FS PROJECT SCHEDULE

UPDATED NOVEMBER 9, 1990

| | DEC '90 | | JAN '91 | | FEB '91 | | MAR '91 | | APR '91 | | M | | | | | | | | | |
|--------------------------------|---------|----|---------|----|---------|---|---------|----|---------|---|---|----|----|----|---|---|----|----|----|---|
| | 3 | 10 | 17 | 24 | 31 | 7 | 14 | 21 | 28 | 4 | | 11 | 18 | 25 | 1 | 8 | 15 | 22 | 29 | 6 |
| NOTICE TO PROCEED | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - NOV | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - DEC | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - JAN | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - FEB | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - MAR | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - APR | | | | | | | | | | | | | | | | | | | | |
| REVIEW EXISTING INFORMATION | | | | | | | | | | | | | | | | | | | | |
| MAINTAIN ADMIN RECORD (QUAR) | | | | | | | | | | | | | | | | | | | | |
| UPDATE SITE MGMT PLAN (ANNUAL) | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE RI/FS MP | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE PSC MP | | | | | | | | | | | | | | | | | | | | |
| AMEND PSC MP | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE CRP | | | | | | | | | | | | | | | | | | | | |
| EPA REVIEW | | | | | | | | | | | | | | | | | | | | |
| PREPARE FINAL WORK PLANS | | | | | | | | | | | | | | | | | | | | |
| IMPLEMENT CRP | | | | | | | | | | | | | | | | | | | | |
| TRC/PM MEETINGS (QUARTERLY) | | | | | | | | | | | | | | | | | | | | |
| RCRA/CERCLA COORDINATION | | | | | | | | | | | | | | | | | | | | |
| SCOPE WELL STUDY | | | | | | | | | | | | | | | | | | | | |
| CONVERT EXISTING DOCUMENTS | | | | | | | | | | | | | | | | | | | | |

REVISIONS

P. Ferguson 11/9/90

PROJECT: CURRENT COMPARISON

- CRITICAL
- ACTUAL
- FLOAT
- EVENT *
- MILESTONE +

LEGEND

NAS CECIL FIELD

PHASE I - RI/FS PROJECT SCHEDULE

UPDATED NOVEMBER 9, 1990

| | DEC '90 | | | JAN '91 | | | FEB '91 | | | MAR '91 | | | APR '91 | | | M | | | | | | | | | |
|--------------------------------|---------|---|----|---------|----|----|---------|----|----|---------|---|----|---------|----|---|---|----|----|----|---|---|----|----|----|---|
| | 26 | 3 | 10 | 17 | 24 | 31 | 7 | 14 | 21 | 28 | 4 | 11 | 18 | 25 | 4 | | 11 | 18 | 25 | 1 | 8 | 15 | 22 | 29 | 6 |
| NOTICE TO PROCEED | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - NOV | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - DEC | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - JAN | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - FEB | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTHLY PROGRESS REPORT - MAR | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW EXISTING INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAINTAIN ADMIN RECORD (QUAR) | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW FILES IN CHARLESTON | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPDATE SITE MGMT PLAN (ANNUAL) | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE RI/FS WP | | | | | | | | | | | | | | | | | | | | | | | | | |
| DELIVER DRAFT PLANNING DOCS. | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE PSC WP | | | | | | | | | | | | | | | | | | | | | | | | | |
| DELIVER DRAFT PLANNING DOCS. | | | | | | | | | | | | | | | | | | | | | | | | | |
| AMEND PSC WP | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEW/REVISE CRP | | | | | | | | | | | | | | | | | | | | | | | | | |
| DELIVER DRAFT CRP | | | | | | | | | | | | | | | | | | | | | | | | | |
| EPA REVIEW | | | | | | | | | | | | | | | | | | | | | | | | | |
| PREPARE FINAL WORK PLANS | | | | | | | | | | | | | | | | | | | | | | | | | |
| IMPLEMENT CRP | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRC/PM MEETINGS (QUARTERLY) | | | | | | | | | | | | | | | | | | | | | | | | | |
| RCRA/CERCLA COORDINATION | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCOPE WELL STUDY | | | | | | | | | | | | | | | | | | | | | | | | | |
| DELIVER DRAFT STUDY PLAN | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONVERT EXISTING DOCUMENTS | | | | | | | | | | | | | | | | | | | | | | | | | |
| DELIVER DISKETTES TO SDIU | | | | | | | | | | | | | | | | | | | | | | | | | |

LEGEND

PROJECT:

- CRITICAL
- ACTUAL
- FLOAT
- EVENT
- MILESTONE

COMPARISON

-
-
-

REVISIONS

P. Langner 11/9/90

ATTACHMENT B

COSTS

**CLEAN FEE ITEMIZATION FORM
SOUTH DIV ENVIRONMENTAL DIVISION**

DATE OF SCOPE: 19 September 1990A&E FIRM: ABB Environmental Services, Inc.CTO: 0002DATE OF ESTIMATE: 3 December 1990CONTRACT NO.: N62467-89-D-0317PROJECT: RI/FS and PSC ScreeningFUNDING: Defense Environmental Restoration Act (DERA)ACTIVITY: NAS Cecil FieldUIC CODE: N60200LOCATION: Jacksonville, Florida

| ITEM | RATE/HR. | OFFICE | | FIELDWORK | | TOTAL | |
|----------------------------------|--------------|--------------|---------------------|--------------|---------|--------------|---------------------|
| | | LABOR HOURS | COST(S) | LABOR HOURS | COST(S) | LABOR HOURS | COST(S) |
| Program Manager | \$36.50 | | | | | | |
| Quality Assurance Manager | 25.50 | | | | | | |
| Task Order Manager | 29.00 | 872 | \$25,288.00 | | | 872 | \$25,288.00 |
| Senior Engineer | 29.00 | | | | | | |
| Senior Scientist | 29.10 | 576 | \$16,761.60 | | | 576 | \$16,761.60 |
| Engineer | 18.50 | 56 | \$1,036.00 | | | 56 | \$1,036.00 |
| Geologist | 19.00 | | | | | | |
| Hydrologist | 20.00 | 240 | \$4,800.00 | | | 240 | \$4,800.00 |
| Toxicologist | 18.00 | 104 | \$1,872.00 | | | 104 | \$1,872.00 |
| Program Assistant | 13.00 | 150 | \$1,950.00 | | | 150 | \$1,950.00 |
| Clerical/Word Processing | 10.00 | 360 | \$3,600.00 | | | 360 | \$3,600.00 |
| Accounting | 14.00 | | | | | | |
| Contract Manager | 19.50 | | | | | | |
| Technical Editor | 13.26 | | | | | | |
| Health & Safety Assistant | 12.50 | 120 | \$1,500.00 | | | 120 | \$1,500.00 |
| Health & Safety Manager (CIH) | 24.00 | 24 | \$576.00 | | | 24 | \$576.00 |
| Quality Assurance Assistant | 19.71 | | | | | | |
| Cad Operator/Sr. Draftsperson | 15.60 | | | | | | |
| Draftsperson | 10.50 | 192 | \$2,016.00 | | | 192 | \$2,016.00 |
| Air Quality Engineer/Scientist | 16.94 | | | | | | |
| Senior Hydrologist | 33.79 | | | | | | |
| Senior Chemist (CLP Qual.) | 22.44 | | | | | | |
| Chemist | 16.35 | | | | | | |
| Computer Programmer | 19.71 | | | | | | |
| Senior Contract Manager | 28.50 | | | | | | |
| Technical Expert (PhD-Sci/Eng) | 35.00 | 160 | \$5,600.00 | | | 160 | \$5,600.00 |
| TOTAL DIRECT LABOR | XXXXX | 2,854 | \$64,999.60 | | | 2,854 | \$64,999.60 |
| X Fringe (.3312) | XXXXX | XXXXX | \$21,527.87 | XXXXX | | XXXXX | \$21,527.87 |
| X Overhead (.5413) | XXXXX | XXXXX | \$46,837.32 | XXXXX | | XXXXX | \$46,837.32 |
| X G&A (.0733) | XXXXX | XXXXX | \$9,775.64 | XXXXX | | XXXXX | \$9,775.64 |
| Total Burdened Dir. Labor | XXXXX | XXXXX | \$143,140.00 | XXXXX | | XXXXX | \$143,140.00 |

PART II - OTHER DIRECT COSTS (Itemized on Supplement Sheets)

| ITEM | UNIT COST(S) | QUANTITY | TOTAL |
|--------------------------------|--------------|----------|------------|
| Telephone/Communications | \$4.80 | 55 | \$264.00 |
| Postage/Freight | \$15.00 | 58 | \$870.00 |
| Equipment Rental | | | |
| Expendable Supplies | | | |
| Personnel Protective Equipment | | | |
| Other Special Direct Costs | | | |
| Test Scanning | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Subtotal | | | \$1,134.00 |
| X G&A (.0733) | | | \$83.00 |
| TOTAL | XXXXXXX | XXXXXXX | \$1,217.00 |

PART III - SUBCONTRACTOR SERVICES (Itemized on Supplement Sheets)

| | | | |
|-------------------------------------|-------------|--------|------------|
| Well/Borings | | | |
| Laboratory Analysis | | | |
| Report Binding | \$9.00 each | 160 | \$1,440.00 |
| Outside Printing | \$0.06/page | 45,000 | \$2,700.00 |
| Text Scanning | \$1.50/page | 150 | \$750.00 |
| | | | |
| Subtotal | | | \$4,890.00 |
| X G&A (.0733) | | | \$358.00 |
| TOTAL SUBCONTRACTOR SERVICES | XXXXX | XXXXX | \$5,248.00 |

PART IV - TRAVEL (Itemized on Supplement Sheets)

| | | | |
|------------------------------|-----------|-------|------------|
| Subsistence | | | \$1,035.00 |
| Car Rental | | | \$640.00 |
| Airfare | \$400/day | 5 | \$2,000.00 |
| Other Vehicle | | | |
| | | | |
| Subtotal | | | \$3,675.00 |
| X G&A (.0733) | | | \$269.00 |
| TOTAL TRAVEL EXPENSES | XXXXX | XXXXX | \$3,944.00 |

| | TOTAL | | | |
|--|-----------------|--------------|-------------------|------|
| | LABOR HOURS | COST(S) | | |
| TOTAL PART I (Direct Labor) | 2,854 | \$143,140.00 | | |
| TOTAL PART II (Other Direct Costs) | | \$1,217.00 | | |
| TOTAL PART III (Subtr. Services) | | \$5,248.00 | | |
| TOTAL PART IV (Travel Expenses) | | \$3,944.00 | | |
| TOTAL | XXXXXX | \$153,549.00 | | |
| Award Fee Pool @ <u>10</u> % x Parts I, II, III, & IV | XXXXXX | \$15,355.00 | | |
| Enter Award Fee % here <u>10</u> % | | | | |
| GRAND TOTAL | | \$168,904.00 | | |
| A&E Signature  | Date 12-3-90 | Telephone | | |
| EIC Signature | Date | Code | Code 18C Approval | Date |

CONTRACT PRICING PROPOSAL COVER SHEET

1. SOLICITATION/CONTRACT/MODIFICATION NO. N62467-89-D-0317
 FORM APPROVED OMB NO. 9000-0013

NOTE: This form is used in contract actions if submission of cost or pricing data is required. (See FAR 15.804-6(b))

2. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)

ABB Environmental Services, Inc.
 2571 Executive Center Circle East
 Suite 100
 Tallahassee, Florida 32301

3A. NAME AND TITLE OF OFFEROR'S POINT OF CONTACT

Tony Allen
 Program Manager

3B. TELEPHONE NO.

(904) 656-1293

4. TYPE OF CONTRACT ACTION (Check)

| | |
|--|---|
| <input checked="" type="checkbox"/> A. NEW CONTRACT | <input type="checkbox"/> D. LETTER CONTRACT |
| <input type="checkbox"/> B. CHANGE ORDER | <input type="checkbox"/> E. UNPRICED ORDER |
| <input type="checkbox"/> C. PRICE REVISION/REDETERMINATION | <input type="checkbox"/> F. OTHER (Specify) |

5. TYPE OF CONTRACT (Check)

FFP CPFF CPIF CPAF
 FPI OTHER (Specify)

6. PROPOSED COST (A+B=C)

| | | |
|---------------|---------------|---------------|
| A. COST | B. PROFIT/FEE | C. TOTAL |
| \$ 153,549.00 | \$ 15,355.00 | \$ 168,904.00 |

7. PLACE(S) AND PERIOD(S) OF PERFORMANCE

Tallahassee, Florida

Sept. 6, 1990 to Sept. 6, 1991

8. List and reference the identification, quantity and total price proposed for each contract line item. A line item cost breakdown supporting this recap is required unless otherwise specified by the Contracting Officer. (Continue on reverse, and then on plain paper, if necessary. Use same headings.)

| A. LINE ITEM NO. | B. IDENTIFICATION | C. QUANTITY | D. TOTAL PRICE | E. REF. |
|------------------|--------------------|-------------|----------------|----------------|
| 1 | Technical Services | LOT | \$168,904.00 | Fee Item. Form |

9. PROVIDE NAME, ADDRESS, AND TELEPHONE NUMBER FOR THE FOLLOWING (If available)

A. CONTRACT ADMINISTRATION OFFICE

Southern Division
 Naval Facilities Engineering Command
 2155 Eagle Drive, P.O. Box 10068
 Charleston, S.C. 29411-0068

B. AUDIT OFFICE

DCAA, c/o Bath Iron Works
 700 Washington Street
 Bath, ME 04530

10. WILL YOU REQUIRE THE USE OF ANY GOVERNMENT PROPERTY IN THE PERFORMANCE OF THIS WORK? (If "Yes," identify)

YES NO

11A. DO YOU REQUIRE GOVERNMENT CONTRACT FINANCING TO PERFORM THIS PROPOSED CONTRACT? (If "Yes," complete Item 11B)

YES NO

11B. TYPE OF FINANCING (If one)

ADVANCE PAYMENTS PROGRESS PAYMENTS
 GUARANTEED LOANS

12. HAVE YOU BEEN AWARDED ANY CONTRACTS OR SUBCONTRACTS FOR THE SAME OR SIMILAR ITEMS WITHIN THE PAST 3 YEARS? (If "Yes," identify item(s), customer(s) and contract number(s))

YES NO

Various

13. IS THIS PROPOSAL CONSISTENT WITH YOUR ESTABLISHED ESTIMATING AND ACCOUNTING PRACTICES AND PROCEDURES AND FAR PART 31 COST PRINCIPLES? (If "No," explain)

YES NO

14. COST ACCOUNTING STANDARDS BOARD (CASB) DATA (Public Law 91-379 as amended and FAR PART 30)

A. WILL THIS CONTRACT ACTION BE SUBJECT TO CASB REGULATIONS? (If "No," explain in proposal)

YES NO

B. HAVE YOU SUBMITTED A CASB DISCLOSURE STATEMENT (CASB DS-1 or 2)? (If "Yes," specify in proposal the office to which submitted and if determined to be adequate)

YES NO

C. HAVE YOU BEEN NOTIFIED THAT YOU ARE OR MAY BE IN NON-COMPLIANCE WITH YOUR DISCLOSURE STATEMENT OR COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)

YES NO

D. IS ANY ASPECT OF THIS PROPOSAL INCONSISTENT WITH YOUR DISCLOSED PRACTICES OR APPLICABLE COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)

YES NO

This proposal is submitted in response to the RFP, contract, modification, etc. in Item 1 and reflects our best estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.804-6(b) (2), Table 15-2. By submitting this proposal, the offeror, if selected for negotiation, grants the contracting officer or an authorized representative the right to examine, at any time before award, those books, records, documents and other types of factual information, regardless of form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.

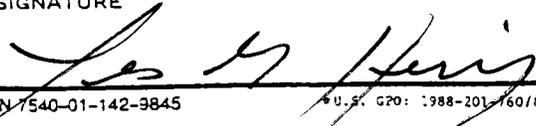
15. NAME AND TITLE (Type)

Les Herring
 Contract Manager

16. NAME OF FIRM

ABB Environmental Services, Inc.

17. SIGNATURE



18. DATE OF SUBMISSION

3 Dec 90



January 4, 1991

Commanding Officer
Attn: Janet Morris, Code 0232JM
Naval Facilities Engineering Command
2155 Eagle Dr., P.O. Box 10068
Charleston, S.C. 29411-0068

**SUBJECT: PHASE 1, RI/FS AND PSC SCREENING WORK PLANS
NAVAL AIR STATION, CECIL FIELD, FL., CTO 0002
Navy CLEAN District 1
Contract N62467-89-D-0317**

Dear Ms. Morris:

Enclosed please find the signed original contract task order. We look forward to working with you on the completion of this project.

If you have any questions, please call me at 904-656-1293.

Very truly yours,

ABB ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink, which appears to read 'Raymond A. Allen III', is written over the typed name. The signature is fluid and cursive.

Raymond A. Allen III
CLEAN Program Manager

RAA/lg

ABB Environmental Services Inc.