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|---|-------------------------|---|---|---|--|--|---------|
| AWARD/CONTRACT | | 1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350) | | RATING | PAGE OF PAGES 1 69 | | |
| 2. CONTRACT (Proc. Inst. Ident.) NO. N65236-02-D-5715 | | 3. EFFECTIVE DATE 06 Feb 2002 | | 4. REQUISITION/PURCHASE REQUEST/PROJECT NO. | | | |
| 5. ISSUED BY SPACE AND NAVAL WARFARE SYSTEMS CENTER P. O. BOX 190022, CODE 1115DS DENISE SIMMONS, (843) 218-5971 SIMMONSD@SPAWAR. NAVY.MIL NORTH CHARLESTON SC 29419-9022 | | CODE N65236 | 6. ADMINISTERED BY (If other than Item 5) DCMC BALTIMORE-MANASSAS 10500 BATTLEVIEW PARKWAY SUITE 200 MANASSAS VA 20109-2342 | | CODE S2404A | | |
| 7. NAME AND ADDRESS OF CONTRACTOR (No., street, city, county, state and zip code) SIGNAL CORPORATION GOVERNMENT REPRESENTATIVE 3040 WILLIAMS DRIVE SUITE 200 FAIRFAX VA 22031 | | 8. DELIVERY [] FOB ORIGIN [X] OTHER (See below) | | 9. DISCOUNT FOR PROMPT PAYMENT NET 30 DAYS | | | |
| CODE 0A0A7 | | FACILITY CODE 0A0A7 | | 10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN: | | ITEM | |
| 11. SHIP TO/MARK FOR SEE SCHEDULE | | 12. PAYMENT WILL BE MADE BY DFAS-CO/SOUTH ENTITLEMENT OPERATION P O BOX 182264 EFT:T COLUMBUS OH 43218-2264 | | CODE HQ0338 | | | |
| 13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION: [] 10 U.S.C. 2304(c)() [] 41 U.S.C. 253(c)() | | 14. ACCOUNTING AND APPROPRIATION DATA | | | | | |
| 15A. ITEM NO. | 15B. SUPPLIES/ SERVICES | 15C. QUANTITY | 15D. UNIT | 15E. UNIT PRICE | 15F. AMOUNT | | |
| SEE SCHEDULE | | | | | | | |
| 15G. TOTAL AMOUNT OF CONTRACT | | | | | | \$9,411,449.60 | |
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| CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE | | | | | | | |
| 17. [] CONTRACTOR'S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.) | | | | 18. [X] AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number N65236-01-R-0565-0007 | | | |
| 19A. NAME AND TITLE OF SIGNER (Type or print) | | | | 20A. NAME AND TITLE OF CONTRACTING OFFICER ROBERT J. MEDDICK / CONTRACTING OFFICER | | | |
| 19B. NAME OF CONTRACTOR | | 19C. DATE SIGNED | | 20B. UNITED STATES OF AMERICA | | 20C. DATE SIGNED 13-Feb-2002 | |
| BY _____ (Signature of person authorized to sign) | | | | BY _____ (Signature of Contracting Officer) | | | |

SECTION B Supplies or Services and Prices

LOT I - BASE YEAR - CHARLESTON, SC

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|-----------------------------------|---------|------------|------------|----------------|
| 1000 Program Manager | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 51.26 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | \$54.37 | \$113,089.60 |
| 1002 Senior Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 48.99 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,375 | S/T Hrs | 51.97 | \$175,398.75 |
| 1003 Electronics Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 37.36 | \$77,708.80 |
| | AB Off-Site (Contractor Facility) | 3,150 | S/T Hrs | 39.63 | \$124,834.50 |
| 1004 Electronic Design Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 37.36 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 39.63 | \$82,430.40 |
| 1005 Field Engineer | | | | | |
| | AA On-Site (Government Facility) | 6,000 | S/T Hrs | 34.15 | \$204,900.00 |
| | AB Off-Site (Contractor Facility) | 33,280 | S/T Hrs | 36.22 | \$1,205,401.60 |
| 1006 Electronic Technician | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 35.47 | \$73,777.60 |
| | AB Off-Site (Contractor Facility) | 8,000 | S/T Hrs | 37.62 | \$300,960.00 |
| | AC On-Site (Government Facility) | 200 | O/T Hrs | 53.21 | \$10,642.00 |
| | AD Off-Site (Contractor Facility) | 800 | O/T Hrs | 56.44 | \$45,152.00 |
| 1007 Senior Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 32.58 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 34.56 | \$71,884.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 48.88 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 675 | O/T Hrs | 51.85 | \$34,998.75 |
| 1008 Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 29.08 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 30.84 | \$64,147.20 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 43.62 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 475 | O/T Hrs | 46.27 | \$21,978.25 |
| 1009 Technical Writer | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 33.03 | \$68,702.40 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 35.04 | \$72,883.20 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 49.55 | \$14,865.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 52.56 | \$15,768.00 |
| 1010 Logistic Specialist | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 19.74 | \$41,059.20 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 20.94 | \$43,555.20 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 29.62 | \$8,886.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 31.42 | \$9,426.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---------------------------------------|-----------------------------------|---------|------------|------------|-------------|
| 1011 Drafter IV | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 33.71 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 35.76 | \$74,380.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 50.57 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 53.64 | \$16,092.00 |
| 1012 Drafter II | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 25.48 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 27.03 | \$56,222.40 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 38.23 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 400 | O/T Hrs | 40.55 | \$16,220.00 |
| 1013 Typist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 14.83 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,600 | S/T Hrs | 15.73 | \$56,628.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 22.24 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 900 | O/T Hrs | 23.59 | \$21,231.00 |
| 1014 Painter | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 21.65 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 22.96 | \$47,756.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 32.47 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 34.45 | \$17,225.00 |
| 1015 Maintenance Trades Helper | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 17.57 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,000 | S/T Hrs | 18.64 | \$55,920.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 26.36 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 900 | O/T Hrs | 27.97 | \$25,173.00 |

LOT I - BASE YEAR - TIDEWATER

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|-----------------------------------|---------|------------|------------|----------------|
| 1016 Program Manager | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | \$ | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | \$ | \$0.00 |
| 1017 Senior Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 41.45 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 4,125 | S/T Hrs | 58.28 | \$240,405.00 |
| 1018 Electronics Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 44.74 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,850 | S/T Hrs | 57.21 | \$220,258.50 |
| 1019 Electronic Design Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 37.36 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 39.63 | \$0.00 |
| 1020 Field Engineer | | | | | |
| | AA On-Site (Government Facility) | 6,000 | S/T Hrs | 35.7 | \$214,200.00 |
| | AB Off-Site (Contractor Facility) | 41,600 | S/T Hrs | 38.41 | \$1,597,856.00 |
| 1021 Electronic Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 40.96 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 10,000 | S/T Hrs | 43.62 | \$436,200.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 61.44 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 1,000 | O/T Hrs | 65.44 | \$65,440.00 |
| 1022 Senior Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 900 | S/T Hrs | 35.06 | \$31,554.00 |
| | AB Off-Site (Contractor Facility) | 2,500 | S/T Hrs | 37.68 | \$94,200.00 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 52.6 | \$15,780.00 |
| | AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 55.84 | \$61,424.00 |
| 1023 Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 25.73 | \$53,518.40 |
| | AB Off-Site (Contractor Facility) | 4,160 | S/T Hrs | 27.74 | \$115,398.40 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 38.6 | \$11,580.00 |
| | AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 41.23 | \$20,615.00 |
| 1024 Technical Writer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 24.11 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 25.58 | \$53,206.40 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 36.18 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 38.38 | \$11,514.00 |
| 1025 Logistic Specialist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 25.88 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 27.46 | \$57,116.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 38.83 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 375 | O/T Hrs | 41.19 | \$15,446.25 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|------|----------------|---------|------------|------------|-------------|
|------|----------------|---------|------------|------------|-------------|

1026 Drafter IV

| | | | | | |
|-----------------------------------|-------|---------|-------|----|-------------|
| AA On-Site (Government Facility) | 0 | S/T Hrs | 27.77 | \$ | |
| AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 29.69 | | \$61,755.20 |
| AC On-Site (Government Facility) | 0 | O/T Hrs | 41.67 | | \$0.00 |
| AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 44.43 | | \$13,329.00 |

1027 Drafter II

| | | | | | |
|-----------------------------------|-------|---------|-------|--|-------------|
| AA On-Site (Government Facility) | 0 | S/T Hrs | 18.19 | | \$0.00 |
| AB Off-Site (Contractor Facility) | 3,000 | S/T Hrs | 19.67 | | \$59,010.00 |
| AC On-Site (Government Facility) | 0 | O/T Hrs | 27.29 | | \$0.00 |
| AD Off-Site (Contractor Facility) | 600 | O/T Hrs | 29.07 | | \$17,442.00 |

1028 Typist

| | | | | | |
|-----------------------------------|-------|---------|-------|--|-------------|
| AA On-Site (Government Facility) | 0 | S/T Hrs | 18.69 | | \$0.00 |
| AB Off-Site (Contractor Facility) | 4,400 | S/T Hrs | 19.89 | | \$87,516.00 |
| AC On-Site (Government Facility) | 0 | O/T Hrs | 28.04 | | \$0.00 |
| AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 29.83 | | \$32,813.00 |

1029 Painter

| | | | | | |
|-----------------------------------|-------|---------|-------|--|-------------|
| AA On-Site (Government Facility) | 0 | S/T Hrs | 24.86 | | \$0.00 |
| AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 26.37 | | \$54,849.60 |
| AC On-Site (Government Facility) | 0 | O/T Hrs | 37.3 | | \$0.00 |
| AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 39.56 | | \$19,780.00 |

1030 Maintenance Trades Helper

| | | | | | |
|-----------------------------------|-------|---------|-------|--|-------------|
| AA On-Site (Government Facility) | 0 | S/T Hrs | 20.24 | | \$0.00 |
| AB Off-Site (Contractor Facility) | 3,600 | S/T Hrs | 21.7 | | \$78,120.00 |
| AC On-Site (Government Facility) | 0 | O/T Hrs | 30.36 | | \$0.00 |
| AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 32.24 | | \$35,464.00 |

LOT I - BASE YEAR - DAHLGREN

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|-----------------------------------|---------|------------|------------|--------------|
| 1031 Program Manager | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | \$ | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | \$ | \$0.00 |
| 1032 Senior Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 41.45 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 43.97 | \$0.00 |
| 1033 Electronics Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 37.36 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 39.63 | \$82,430.40 |
| 1034 Electronic Design Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 37.36 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 39.63 | \$0.00 |
| 1035 Field Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 34.25 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 4,000 | S/T Hrs | 36.22 | \$144,880.00 |
| 1036 Electronic Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 55 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 56.67 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 66 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 70.01 | \$0.00 |
| 1037 Senior Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 38.16 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 53.97 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 57.25 | \$0.00 |
| 1038 Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.35 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 37.39 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 52.88 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 56.1 | \$0.00 |
| 1039 Technical Writer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.5 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 37.65 | \$78,312.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 53.25 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 56.49 | \$16,947.00 |
| 1040 Logistic Specialist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 26.08 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 27.67 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 39.13 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 41.5 | \$0.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---------------------------------------|-----------------------------------|---------|------------|------------|-------------|
| 1041 Drafter IV | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 32.27 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 24.23 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 48.42 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 51.36 | \$0.00 |
| 1042 Drafter II | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 22.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 24.38 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 34.47 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 36.57 | \$0.00 |
| 1043 Typist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 20.49 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 21.73 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 30.74 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 32.6 | \$0.00 |
| 1044 Painter | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 27.99 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 29.69 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 42 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 44.55 | \$0.00 |
| 1045 Maintenance Trades Helper | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 21.48 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 22.78 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 32.23 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 34.18 | \$0.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|--------------------|---|----------------|------------|------------|--------------|
| 1046 | Bahrain - Oversea Field Engineer | 2,080 | Hrly Rate | 50.7 | \$105,456.00 |
| 1047 | Italy - Oversea Field Engineer | 2,080 | Hrly Rate | 40.71 | \$84,676.80 |
| 1048 | Hawaii - Oversea Field Engineer | 2,080 | Hrly Rate | 59.95 | \$124,696.00 |
| 1049 | Guam - Oversea Field Engineer | 2,080 | Hrly Rate | 59.95 | \$124,696.00 |
| 1050 | England - Oversea Field Engineer | 2,080 | Hrly Rate | 45.32 | \$94,265.60 |
| TOTAL HOURS | | 214,665 | | | |
| 1100 | Subcontracting (Material Handling Fee of <u>3.50</u> %) | | NTE | | \$250,000 |
| 1101 | Travel/Subsistence (G&A <u>8.10</u> %) | | NTE | | \$800,000 |
| 1102 | Material (Material Handling Fee of <u>3.50</u> %) | | NTE | | \$400,000 |
| 1103 | Shipping (G&A <u>8.10</u> %) | | NTE | | \$60,000 |

LOT II - FIRST OPTION YEAR - CHARLESTON, SC

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|--------------------------------|---------|------------|------------|----------------|
| 2000 Program Manager | | | | | |
| AA | On-Site (Government Facility) | 0 | S/T Hrs | 52.8 \$ | |
| AB | Off-Site (Contractor Facility) | 2,080 | S/T Hrs | \$56.01 | \$116,500.80 |
| 2002 Senior Systems Engineer | | | | | |
| AA | On-Site (Government Facility) | 0 | S/T Hrs | 50.46 | \$0.00 |
| AB | Off-Site (Contractor Facility) | 3,375 | S/T Hrs | 53.53 | \$180,663.75 |
| 2003 Electronics Systems Engineer | | | | | |
| AA | On-Site (Government Facility) | 2,080 | S/T Hrs | 38.47 | \$80,017.60 |
| AB | Off-Site (Contractor Facility) | 3,150 | S/T Hrs | 40.81 | \$128,551.50 |
| 2004 Electronic Design Engineer | | | | | |
| AA | On-Site (Government Facility) | 0 | S/T Hrs | 38.47 | \$0.00 |
| AB | Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 40.81 | \$84,884.80 |
| 2005 Field Engineer | | | | | |
| AA | On-Site (Government Facility) | 6,000 | S/T Hrs | 35.17 | \$211,020.00 |
| AB | Off-Site (Contractor Facility) | 33,280 | S/T Hrs | 37.31 | \$1,241,676.80 |
| 2006 Electronic Technician | | | | | |
| AA | On-Site (Government Facility) | 2,080 | S/T Hrs | 35.47 | \$73,777.60 |
| AB | Off-Site (Contractor Facility) | 8,000 | S/T Hrs | 37.62 | \$300,960.00 |
| AC | On-Site (Government Facility) | 200 | O/T Hrs | 53.21 | \$10,642.00 |
| AD | Off-Site (Contractor Facility) | 800 | O/T Hrs | 56.44 | \$45,152.00 |
| 2007 Senior Electronic Installation Technician | | | | | |
| AA | On-Site (Government Facility) | 0 | S/T Hrs | 32.58 | \$0.00 |
| AB | Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 34.56 | \$71,884.80 |
| AC | On-Site (Government Facility) | 0 | O/T Hrs | 48.88 | \$0.00 |
| AD | Off-Site (Contractor Facility) | 675 | O/T Hrs | 51.85 | \$34,998.75 |
| 2008 Electronic Installation Technician | | | | | |
| AA | On-Site (Government Facility) | 0 | S/T Hrs | 29.08 | \$0.00 |
| AB | Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 30.84 | \$64,147.20 |
| AC | On-Site (Government Facility) | 0 | O/T Hrs | 43.62 | \$0.00 |
| AD | Off-Site (Contractor Facility) | 475 | O/T Hrs | 46.27 | \$21,978.25 |
| 2009 Technical Writer | | | | | |
| AA | On-Site (Government Facility) | 2,080 | S/T Hrs | 33.03 | \$68,702.40 |
| AB | Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 35.04 | \$72,883.20 |
| AC | On-Site (Government Facility) | 300 | O/T Hrs | 49.55 | \$14,865.00 |
| AD | Off-Site (Contractor Facility) | 300 | O/T Hrs | 52.56 | \$15,768.00 |
| 2010 Logistic Specialist | | | | | |
| AA | On-Site (Government Facility) | 2,080 | S/T Hrs | 19.74 | \$41,059.20 |
| AB | Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 20.94 | \$43,555.20 |
| AC | On-Site (Government Facility) | 300 | O/T Hrs | 29.62 | \$8,886.00 |
| AD | Off-Site (Contractor Facility) | 300 | O/T Hrs | 31.42 | \$9,426.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---------------------------------------|-----------------------------------|---------|------------|------------|-------------|
| 2011 Drafter IV | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 33.71 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 35.76 | \$74,380.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 50.57 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 53.64 | \$16,092.00 |
| 2012 Drafter II | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 25.48 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 27.03 | \$56,222.40 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 38.23 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 400 | O/T Hrs | 40.44 | \$16,176.00 |
| 2013 Typist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 14.83 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,600 | S/T Hrs | 15.72 | \$56,592.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 22.24 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 900 | O/T Hrs | 23.59 | \$21,231.00 |
| 2014 Painter | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 21.65 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 22.96 | \$47,756.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 32.47 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 34.45 | \$17,225.00 |
| 2015 Maintenance Trades Helper | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 17.57 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,000 | S/T Hrs | 18.64 | \$55,920.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 26.36 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 900 | O/T Hrs | 27.97 | \$25,173.00 |

LOT II - FIRST OPTION YEAR - TIDEWATER

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|-----------------------------------|---------|------------|------------|----------------|
| 2016 Program Manager | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | \$ | |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | \$ | |
| 2017 Senior Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 42.69 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 4,125 | S/T Hrs | 60.02 | \$247,582.50 |
| 2018 Electronics Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 46.09 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,850 | S/T Hrs | 58.46 | \$225,071.00 |
| 2019 Electronic Design Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 38.47 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 40.81 | \$0.00 |
| 2020 Field Engineer | | | | | |
| | AA On-Site (Government Facility) | 6,000 | S/T Hrs | 36.76 | \$220,560.00 |
| | AB Off-Site (Contractor Facility) | 41,600 | S/T Hrs | 39.56 | \$1,645,696.00 |
| 2021 Electronic Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 40.96 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 10,000 | S/T Hrs | 43.76 | \$437,600.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 61.44 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 1,000 | O/T Hrs | 65.5 | \$65,500.00 |
| 2022 Senior Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 900 | S/T Hrs | 35.06 | \$31,554.00 |
| | AB Off-Site (Contractor Facility) | 2,500 | S/T Hrs | 37.92 | \$94,800.00 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 52.6 | \$15,780.00 |
| | AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 56.03 | \$61,633.00 |
| 2023 Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 25.73 | \$53,518.40 |
| | AB Off-Site (Contractor Facility) | 4,160 | S/T Hrs | 27.83 | \$115,772.80 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 38.6 | \$11,580.00 |
| | AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 41.28 | \$20,640.00 |
| 2024 Technical Writer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 24.11 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 25.58 | \$53,206.40 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 36.18 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 38.38 | \$11,514.00 |
| 2025 Logistic Specialist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 26.88 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 27.46 | \$57,116.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 38.83 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 375 | O/T Hrs | 41.19 | \$15,446.25 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---------------------------------------|-----------------------------------|---------|------------|------------|-------------|
| 2026 Drafter IV | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 27.77 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 29.86 | \$62,108.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 41.67 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 44.61 | \$13,383.00 |
| 2027 Drafter II | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 18.19 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,000 | S/T Hrs | 19.87 | \$59,610.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 27.29 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 600 | O/T Hrs | 29.25 | \$17,550.00 |
| 2028 Typist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 28.69 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 4,400 | S/T Hrs | 19.95 | \$87,780.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 28.04 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 29.89 | \$32,879.00 |
| 2029 Painter | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 24.86 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 26.37 | \$54,849.60 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 37.3 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 39.56 | \$19,780.00 |
| 2030 Maintenance Trades Helper | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 20.24 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,600 | S/T Hrs | 21.81 | \$78,516.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 30.36 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 32.31 | \$35,541.00 |

LOT II - FIRST OPTION YEAR - DAHLGREN

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|-----------------------------------|---------|------------|------------|--------------|
| 2031 Program Manager | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | \$ | \$ |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | \$ | \$ |
| 2032 Senior Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 42.69 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 45.29 | \$0.00 |
| 2033 Electronics Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 38.47 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 40.81 | \$84,884.80 |
| 2034 Electronic Design Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 38.47 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 40.81 | \$0.00 |
| 2035 Field Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.17 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 4,000 | S/T Hrs | 37.31 | \$149,240.00 |
| 2036 Electronic Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 44 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 46.67 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 66 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 70.01 | \$0.00 |
| 2037 Senior Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 38.16 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 53.97 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 57.25 | \$0.00 |
| 2038 Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.25 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 37.39 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 52.88 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 56.1 | \$0.00 |
| 2039 Technical Writer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.5 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 37.65 | \$78,312.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 53.25 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 56.49 | \$16,947.00 |
| 2040 Logistic Specialist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 26.08 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 27.67 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 39.13 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 41.5 | \$0.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---------------------------------------|-----------------------------------|---------|------------|------------|-------------|
| 2041 Drafter IV | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 32.27 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 34.23 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 48.42 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 51.36 | \$0.00 |
| 2042 Drafter II | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 22.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 24.38 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 34.47 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 36.57 | \$0.00 |
| 2043 Typist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 20.49 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 21.73 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 30.74 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 32.6 | \$0.00 |
| 2044 Painter | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 27.99 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 29.69 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 42 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 44.55 | \$0.00 |
| 2045 Maintenance Trades Helper | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 21.48 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 22.78 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 32.23 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 34.18 | \$0.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|--|--|----------------|------------|------------|--------------------|
| 2046 | Bahrain - Oversea Differential for Field Engineer | 2,080 | Hrly Rate | 52.21 | \$108,596.80 |
| 2047 | Italy - Oversea Differential for Field Engineer | 2,080 | Hrly Rate | 41.93 | \$87,214.40 |
| 2048 | Hawaii - Oversea Differential For Field Engineer | 2,080 | Hrly Rate | 61.26 | \$127,420.80 |
| 2049 | Guam - Oversea Differential For Field Engineer | 2,080 | Hrly Rate | 61.26 | \$127,420.80 |
| 2050 | England - Oversea Differential for Field Engineer | 2,080 | Hrly Rate | 46.68 | \$97,094.40 |
| TOTAL HOURS | | 214,665 | | | |
| 2100 | Subcontracting (Material Handling Fee of _____%) | | NTE | | \$250,000 |
| 2101 | Travel/Subsistence (G&A _____%) | | NTE | | \$800,000 |
| 2102 | Material (Material Handling Fee of _____%) | | NTE | | \$400,000 |
| 2103 | Shipping (G&A _____%) | | NTE | | \$60,000 |
| TOTAL OTHER DIRECT COSTS (ODCs) | | | | | \$1,510,000 |
| 2200 | Contract Data Requirements List (CDRLS) In accordance with Attached DD Form 1423 | | | | NSP |
| 2300 | Wage Determination Escalation (Estimated Amount to be Determined on Individual Delivery Orders) | | | | |

LOT III - SECOND OPTION YEAR - CHARLESTON, SC

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|-----------------------------------|---------|------------|------------|----------------|
| 3000 Program Manager | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 54.38 \$ | |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | \$57.69 | \$119,995.20 |
| 3002 Senior Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 51.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,375 | S/T Hrs | 55.14 | \$186,097.50 |
| 3003 Electronics Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 39.62 | \$82,409.60 |
| | AB Off-Site (Contractor Facility) | 3,150 | S/T Hrs | 42.03 | \$132,394.50 |
| 3004 Electronic Design Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 39.62 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 42.03 | \$87,422.40 |
| 3005 Field Engineer | | | | | |
| | AA On-Site (Government Facility) | 6,000 | S/T Hrs | 36.23 | \$217,380.00 |
| | AB Off-Site (Contractor Facility) | 33,280 | S/T Hrs | 38.43 | \$1,278,950.40 |
| 3006 Electronic Technician | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 35.47 | \$73,777.60 |
| | AB Off-Site (Contractor Facility) | 8,000 | S/T Hrs | 37.62 | \$300,960.00 |
| | AC On-Site (Government Facility) | 200 | O/T Hrs | 53.21 | \$10,642.00 |
| | AD Off-Site (Contractor Facility) | 800 | O/T Hrs | 56.44 | \$45,152.00 |
| 3007 Senior Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 32.58 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 34.56 | \$71,884.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 48.88 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 675 | O/T Hrs | 51.85 | \$34,998.75 |
| 3008 Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 29.08 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 30.84 | \$64,147.20 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 43.62 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 475 | O/T Hrs | 46.27 | \$21,978.25 |
| 3009 Technical Writer | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 33.03 | \$68,702.40 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 35.04 | \$72,883.20 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 49.55 | \$14,865.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 52.56 | \$15,768.00 |
| 3010 Logistic Specialist | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 19.74 | \$41,059.20 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 20.94 | \$43,555.20 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 29.62 | \$8,886.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 31.42 | \$9,426.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---------------------------------------|-----------------------------------|---------|---------------|---------------|----------------|
| 3011 Drafter IV | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 33.71 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 35.76 | \$74,380.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 50.57 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 53.64 | \$16,092.00 |
| 3012 Drafter II | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 25.48 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 27.03 | \$56,222.40 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 38.23 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 400 | O/T Hrs | 40.55 | \$16,220.00 |
| 3013 Typist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 14.83 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,600 | S/T Hrs | 15.73 | \$56,628.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 22.24 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 900 | O/T Hrs | 23.59 | \$21,231.00 |
| 3014 Painter | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 21.65 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 22.96 | \$47,756.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 32.47 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 34.45 | \$17,225.00 |
| 3015 Maintenance Trades Helper | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 17.57 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,000 | S/T Hrs | 18.64 | \$55,920.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 26.36 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 900 | O/T Hrs | 27.97 | \$25,173.00 |

LOT III - SECOND OPTION YEAR - TIDEWATER

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|-----------------------------------|---------|------------|------------|----------------|
| 3016 Program Manager | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | \$ | \$ |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | \$ | \$ |
| 3017 Senior Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 43.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 4,125 | S/T Hrs | 61.82 | \$255,007.50 |
| 3018 Electronics Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 47.47 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,850 | S/T Hrs | 60.27 | \$232,039.50 |
| 3019 Electronic Design Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 39.62 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 42.03 | \$0.00 |
| 3020 Field Engineer | | | | | |
| | AA On-Site (Government Facility) | 6,000 | S/T Hrs | 37.86 | \$227,160.00 |
| | AB Off-Site (Contractor Facility) | 41,600 | S/T Hrs | 40.73 | \$1,694,368.00 |
| 3021 Electronic Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 40.96 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 10,000 | S/T Hrs | 43.9 | \$439,000.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 61.44 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 1,000 | O/T Hrs | 65.85 | \$65,850.00 |
| 3022 Senior Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 900 | S/T Hrs | 35.06 | \$31,554.00 |
| | AB Off-Site (Contractor Facility) | 2,500 | S/T Hrs | 38.15 | \$95,375.00 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 52.6 | \$15,780.00 |
| | AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 56.23 | \$61,853.00 |
| 3023 Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 2,080 | S/T Hrs | 25.73 | \$53,518.40 |
| | AB Off-Site (Contractor Facility) | 4,160 | S/T Hrs | 27.92 | \$116,147.20 |
| | AC On-Site (Government Facility) | 300 | O/T Hrs | 38.6 | \$11,580.00 |
| | AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 41.34 | \$20,670.00 |
| 3024 Technical Writer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 24.11 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 25.58 | \$53,206.40 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 36.18 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 38.38 | \$11,514.00 |
| 3025 Logistic Specialist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 25.88 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 27.46 | \$57,116.80 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 38.83 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 375 | O/T Hrs | 41.19 | \$15,446.25 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---------------------------------------|-----------------------------------|---------|------------|------------|-------------|
| 3026 Drafter IV | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 27.77 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 30.04 | \$62,483.20 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 41.67 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 44.8 | \$13,440.00 |
| 3027 Drafter II | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 18.19 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,000 | S/T Hrs | 20.06 | \$60,180.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 27.29 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 600 | O/T Hrs | 29.43 | \$17,658.00 |
| 3028 Typist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 18.69 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 4,400 | S/T Hrs | 20.01 | \$88,044.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 28.04 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 29.96 | \$32,956.00 |
| 3029 Painter | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 24.86 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 26.37 | \$54,849.60 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 37.3 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 500 | O/T Hrs | 39.56 | \$19,780.00 |
| 3030 Maintenance Trades Helper | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 20.24 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 3,600 | S/T Hrs | 21.92 | \$78,912.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 30.36 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 1,100 | O/T Hrs | 32.38 | \$35,618.00 |
| | | | | | \$0.00 |

LOT III - SECOND OPTION YEAR - DAHLGREN

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---|-----------------------------------|---------|---------------|---------------|----------------|
| 3031 Program Manager | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | \$ | \$ |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | \$ | \$ |
| 3032 Senior Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 43.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 46.65 | \$0.00 |
| 3033 Electronics Systems Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 39.62 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 42.03 | \$87,422.40 |
| 3034 Electronic Design Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 39.62 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 42.03 | \$0.00 |
| 3035 Field Engineer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 36.23 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 4,000 | S/T Hrs | 38.43 | \$153,720.00 |
| 3036 Electronic Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 44 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 46.67 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 66 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 70.01 | \$0.00 |
| 3037 Senior Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 38.16 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 53.97 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 57.25 | \$0.00 |
| 3038 Electronic Installation Technician | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.25 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 37.39 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 52.88 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 56.1 | \$0.00 |
| 3039 Technical Writer | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 35.5 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 2,080 | S/T Hrs | 37.65 | \$78,312.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 53.25 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 300 | O/T Hrs | 56.59 | \$16,977.00 |
| 3040 Logistic Specialist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 26.08 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 27.67 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 39.14 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 41.5 | \$0.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|---------------------------------------|-----------------------------------|---------|------------|------------|-------------|
| 3041 Drafter IV | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 32.27 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 34.23 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 48.42 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 51.36 | \$0.00 |
| 3042 Drafter II | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 22.98 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 24.38 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 34.47 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 36.57 | \$0.00 |
| 3043 Typist | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 20.49 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 21.73 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 30.74 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 32.6 | \$0.00 |
| 3044 Painter | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 27.99 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 29.96 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 42 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 44.55 | \$0.00 |
| 3045 Maintenance Trades Helper | | | | | |
| | AA On-Site (Government Facility) | 0 | S/T Hrs | 21.48 | \$0.00 |
| | AB Off-Site (Contractor Facility) | 0 | S/T Hrs | 22.78 | \$0.00 |
| | AC On-Site (Government Facility) | 0 | O/T Hrs | 32.23 | \$0.00 |
| | AD Off-Site (Contractor Facility) | 0 | O/T Hrs | 34.18 | \$0.00 |

| CLIN | LABOR CATEGORY | EST QTY | UNIT ISSUE | UNIT PRICE | TOTAL PRICE |
|--|--|----------------|------------|------------|--------------------|
| 3046 | Bahrain - Oversea Differential for Field Engineer | 2,080 | Hrly Rate | 53.77 | \$111,841.60 |
| 3047 | Italy - Oversea Differential for Field Engineer | 2,080 | Hrly Rate | 43.18 | \$89,814.40 |
| 3048 | Hawaii - Oversea Differential For Field Engineer | 2,080 | Hrly Rate | 62.63 | \$130,270.40 |
| 3049 | Guam - Oversea Differential For Field Engineer | 2,080 | Hrly Rate | 62.63 | \$130,270.40 |
| 3050 | England - Oversea Differential for Field Engineer | 2,080 | Hrly Rate | 48.06 | \$99,964.80 |
| TOTAL HOURS | | 214,665 | | | |
| 3100 | Subcontracting (Material Handling Fee of _____%) | | NTE | | \$250,000 |
| 3101 | Travel/Subsistence (G&A _____%) | | NTE | | \$800,000 |
| 3102 | Material (Material Handling Fee of _____%) | | NTE | | \$400,000 |
| 3103 | Shipping (G&A _____%) | | NTE | | \$60,000 |
| TOTAL OTHER DIRECT COSTS (ODCs) | | | | | \$1,510,000 |
| 3200 | Contract Data Requirements List (CDRLS) In accordance with Attached DD Form 1423 | | | | NSP |
| 3300 | Wage Determination Escalation (Estimated Amount to be Determined on Individual Delivery Orders) | | | | |

CLAUSES INCORPORATED BY FULL TEXT

B-312 MINIMUM AND MAXIMUM QUANTITIES

As referred to in paragraph (b) of the "Indefinite Quantity" clause of this contract, the contract minimum quantity is a total of \$25,000.00 worth of orders at the contract unit price(s). The maximum quantity is the total estimated amount of the contract. The maximum quantity is not to be exceeded without prior approval of the Procuring Contracting Officer.

SECTION C Descriptions and Specifications

CLAUSES INCORPORATED BY FULL TEXT

5252.237-9401 PERSONNEL QUALIFICATIONS (MINIMUM) (JAN 1992)

(a) Personnel assigned to or utilized by the Contractor in the performance of this contract shall, as a minimum, meet the experience, educational, or other background requirements set forth below and shall be fully capable of performing in an efficient, reliable, and professional manner. If the offeror does not identify the labor categories listed below by the same specific title, then a cross-reference list should be provided in the offeror's proposal identifying the difference.

(b) The Government will review resumes of contractor personnel proposed to be assigned, and if personnel not currently in the employ of Contractor, a written agreement from potential employee to work will be part of the technical proposal.

(c) If the Ordering Officer questions the qualifications or competence of any persons performing under the contract, the burden of proof to sustain that the persons is qualified as prescribed herein shall be upon the contractor.

(d) The Contractor must have personnel, organization, and administrative control necessary to ensure that the services performed meet all requirements specified in delivery orders. The work history of each Contractor employee shall contain experience directly related to the tasks and functions to be assigned. The Ordering Officer reserves the right to determine if a given work history contains necessary and sufficiently detailed, related experience to reasonably ensure the ability for effective and efficient performance.

Labor Categories

Minimum Requirements

SEE CLAUSE C311

C-301 SPECIFICATIONS/STATEMENT OF WORK

Work under this contract shall be performed in accordance with the following specifications, statement of work:

(1)

C1 SCOPE OF WORK**1.0 SCOPE**

The Contractor shall provide services and materials to accomplish tasks directed by individual Delivery Orders (DOs) issued by the appointed Ordering Officers for performance of technical tasks specified below. The task described are a typical examples only of work expected to be performed, and do not specify or limit the actual tasks which may be issued.

1.1 PLACE OF PERFORMANCE OF WORK

- a. The services furnished hereunder shall be performed at the Space and Naval Warfare Systems Center, Charleston (SPAWARSYSCEN CHARLESTON), Charleston, South Carolina; Space and Naval Warfare Systems Center Detachment, Norfolk (SPAWARSYSCEN CHARLESTON DET Norfolk), Norfolk, Virginia; Naval Space Command, Dahlgren, Virginia; Naval Computer and Telecommunications Command, Washington, D.C.; East and West coast area Commander-in-Chiefs (CINCs); the contractor's facilities; various Government installations within the continental United States (CONUS) and Outside the United States (OUTUS); onboard U.S. Naval ships at various United States ports as well as ports worldwide as required to support the shipboard and shore Exterior Communications (EXCOMM) and Satellite Communications (SATCOM) systems to the extent specified in the requirements of the individual DOs issued under this contract.
- b. The Contractor may be required to provide personnel to be stationed overseas. Specific locations are Italy, Bahrain, Hawaii, England and Guam.
- c. Performance of the requirements of this contract shall require contractor personnel to accompany ships for at-sea periods to the extent required under individual DOs.
- d. Specific location(s) for the required performance under the individual DOs issued to this contract shall be specified in the Statement of Work (SOW) furnished with each order. Under the circumstances in which the specific location(s) for required performance onboard a vessel or vessel(s) cannot be precisely identified at the time of the issuance of a particular DO, the estimated location(s) for each such shipboard performance requirement shall be specified in the SOW furnished with the order.

1.2 TASK DESCRIPTIONS

1.2.1 TASK A

Perform necessary functions to support EXCOMM/SATCOM systems/equipment such that it is operationally ready for use. This will include repairs, alignments, overhaul and system operational verification testing (SOVT). This task also includes the testing required to define malfunctions and may include modification, rework or rebuild in place. Normally, such actions will be conducted onboard Naval vessels preparatory to or during deployment, a major exercise, or as a result of a request for technical assistance as part of a SOVT. The contractor will be expected to provide on-the-job training (OJT) to ships force and other SPAWARSYSCEN CHARLESTON designated personnel as well as a written synopsis of conditions found and actions taken. The contractor will also provide Tiger Team assistance for any EXCOMM/SATCOM equipment or system. This assistance will also include interface design, material procurement, installation, troubleshooting, repair and certification. Specific equipment or systems shall include, but are not limited to, WSC-6(V) Version 1,2,4, OM-51A, OM-55, USQ-33, URC-613, TD-1389, FCC-100, Stanford Telecommunications Incorporated (STel) Secure Telephone Unit (STU) III Interfaces, STel-1105A/1106A, QUICKSAT, Surveillance Towed Array Sensor System (SURTASS) Subnet Control, AN/FSC-78/79, AN/GSC-39/52, MD-1030/1030A, Dual Advanced Narrowband Digital Voice Terminal (ANDVT), OM-73/1002, KY-801B/883, KG-84, AN/URT-23(V), TIMEPLEX, Integrated Digital Network Exchange (IDNX), Multi-Media Terminal (MMT)/Radio Wireline Interface (RWI), CQM-248, SLM-4650, SDM-650, Pacific Communications Sciences Incorporated (PCSI), Plain Old Telephone System (POTS), Telephone switching equipment, Command Data Link-Navy CDL-N, Single Channel Ground and Airborne Radio System (SINCGARS), Navy Key Management System (NKMS)< High Speed Fleet Broadcast (HSFB), Advanced Digital Network System (ADNS), Battle Group Passive Horizon Extension System (BGPHEs), Digital Modular Radio (DMR), Digital Wideband Transmission System (DWTS), Commander Tactical Terminal (CTT), Joint Tactical Terminal (JTT), Joint Intelligence Liaison Elements (JILES), International Maritime Satellite (INMARSAT), Defense Message System (DMS) and Global Broadcast System (GBS). Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.2 TASK B

Perform functions required for support of the development and fielding of new EXCOMM/SATCOM systems including the integration of Commercial Off The Shelf (COTS) hardware and Field Changes/Engineering Change Proposals (ECPs) (modification of hardware) to the EXCOMM/SATCOM related systems/equipment. This task includes hardware design, fabrication, testing or installation of prototypes, and/or evaluation of design and required actions to ensure new systems are properly integrated into existing EXCOMM/SATCOM systems to include training. Hardware production is not intended under this task except that the contractor may be authorized to deliver small quantities of field change kits if SPAWARSYSCEN CHARLESTON determines that total need to be small and may also require the contractor to identify and procure necessary installation material and hardware to support EXCOMM/SATCOM installations as identified. Specific equipment or systems shall include, but are not limited to, WSC-6(V) Version 1,2,4, OM -51A, OM-55, USQ-33, URC-613, TD-1389, FCC-100, STel STU III Interfaces, STel-1105A/1106A, QUICKSAT, SURTASS Subnet Control, AN/FSC-78/79, AN/GSC-39/52, MD-1030/1030A, Dual A NDVT, OM -73/1002, KY-801B/883, KG-84, AN/URT -23(V), TIMEPLEX, IDNX, MMT/RWI, CQM 248, SLM 4650, SDM 650, PCSI, POTS, Telephone switching equipment, CDL-N, SINCGARS, NKMS, HSF, ADNS, BGPHE, DMR, DWTS, CTT, JTT JILES, DMS and GBS. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.3 TASK C

Perform functions required for the preparation of EXCOMM/SATCOM related SHIPALTS for all Navy ships and/or at shore sites. The contractor shall produce shipalt related design documents such as Proposed Technical Improvements (PTIs), SHIPALT Requests (SARs), Basic Alteration Class Drawings (BACDs), Ship Alteration Drawings (SADs), Basic Electronic Systems Engineering Plans (BESEPs), Installation Drawing Packages (IDPs), Ship Installation Drawings (SIDs) and training documentation as required. All such products will be based on information provided the contractor by SPAWARSYSCEN CHARLESTON or derived by the contractor through shipchecks, etc. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.4 TASK D

Perform functions required for the preparation and installation, at shipboard and shore facilities, of the EXCOMM/SATCOM systems/equipment. Preparation will include conduction of concept validation and developmental testing, site surveys, training and preparatory planning requirements associated with the overall installation process. The contractor shall perform complete installations consisting of a fully tested, certified and operational equipment/system. Contractor installation teams shall be fully capable of performing all mechanical and electrical & electronic installation, testing and checkout, and training at remote sites with no outside assistance or resources. Upon completion of the installation the user activity shall be provided with a complete documentation package of the installation, and SPAWARSYSCEN Charleston shall be provided with redline mark-ups of the design package. A typical task may include installation of equipment, junction boxes, racks, rack adapters, multi-conductor cables, coaxial cables, cable ways, lockers, power cables, equipment foundations, conduit, power distribution panels, equipment monitoring assemblies, and electrical isolation switches. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.5 TASK E

Perform functions required for logistic documentation development and maintenance. This includes HARDMAN Analysis, Logistic Requirement Funding Planning (LRFP) and associated logistic criterion to support the life-cycle requirements of the new system equipment. The contractor shall also develop and maintain the Navy Training Plan (NTP), the Planned Maintenance System (PMS), Configuration Management Plan (CMP), Integrated Logistic Support Plan (ILSP), User's Logistic Support Summary (ULSS), Maintenance Plan, System Safety Plan, Technical Manual and Management Support Plan (MSP). Additionally, the contractor shall provide Logistic Analysis review (LAR) and R&M Analysis support. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.6 TASK F

Perform functions required to provide training and training related items. Contract shall provide instructors at Navy training schools, onboard ships or at shore facilities. Also, the contractor shall develop training materials suitable for use in the classroom/shipboard environment. Additionally, the tasks will include the development and maintenance of training materials to include instructor's guide, student handouts and/or related instructional material, interactive courseware and video training courses. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.7 TASK G

Perform inspection, maintenance, repair and provide training of earth terminal antenna systems, both Ultra High Frequency (UHF) and Super High Frequency (SHF). This task includes direct liaison with cognizant field activities through material inspection, report of findings which indicate the necessary requirements to extend the antenna's life expectancy and a thorough breakdown of parts/material required, program management support, training and repair as directed. Additionally, the contractor will be required to operate the necessary equipment to perform all necessary maintenance, restorations and repair (i.e. washdown systems, painting equipment) of the antenna systems. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.8 TASK H

Provide technical, engineering, and programmatic support of the SHF EXCOMM/SATCOM system and equipment suites introduction in the Fleet and shipboard SATCOM Support Programs. Review configuration status for accuracy, prompt resolution of scheduling discrepancies, track timely placement of assets where and when required, and coordinate with all commands and contractors involved to ensure the success of the EXCOMM/SATCOM system implementation programs. Remain current in all aspects of the EXCOMM/SATCOM implementation program and shipboard SATCOM Support Programs by reviewing and/or tracking the following: Advance Planning Letters, Ship Alterations, Master Plans, Installation Analysis/Summaries, Implementation Plans, Ship and Installation Activity/Schedules, Current Applicable Prints and documentation, and Late Equipment Status Reports. This task requires close liaison with the Planning Engineering Repair Activity (PERA) representatives, Type Commanders, SUPSHIPS, planning yards, and concerned SPAWARSYSCEN CHARLESTON Codes along with their support contractors as well as ships and installation activities. This liaison is required in order to bring any discrepancies to light, establish required corrective actions, and ensure program compliance with the governing directives and guidelines. This task includes assisting in the operational testing of newly installed shipboard Secure Voice/SATCOM systems, resolving any noted discrepancies and providing continued required support to these EXCOMM/SATCOM systems to ensure their full integration and utilization by the fleet including training. This task also encompasses the examination of individual site integration requirements, provides technical inputs to improve system performance and provides for a smooth and orderly integration of new systems into the fleet. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.9 TASK I

Perform functions required to provide programmatic and engineering support in planning and in the implementation of the Naval Integrated Military Satellite Communications (MILSATCOM) Architecture, including commercial SATCOM and family of smart multiplexers; identify required capabilities of replenishment/follow-on satellites; installation of terminals aboard ships; and concurrent upgrade of the Navy shore communications infrastructure from the present into the predictable future. This task includes providing technical, engineering and programmatic support in investigating, evaluating and describing various alternatives to install Navy SHF/UHF/Extremely High Frequency (EHF)/commercial satellite communication terminals at specified locations; identify baseband equipment required to interface SHF/UHF/EHF terminals with communication equipment linking the earth terminal with the end users; determining the most effective means of providing terrestrial connectivity; providing cost estimates; and assess potential capability of shipboard SHF SATCOM terminals to support unidentified shipboard/Battle Group Commander's C3I (Command, Control, Communications and Intelligence) requirements and recommend potential uses. Development of Concept of Operations (CONOPS), implementation/installation plans, operating procedures/methods, Job Qualification Requirements (JQR), training documentation, formal school and OJT are

included. The contractor will develop and maintain a SHF SATCOM Operational and Maintenance Guide as well as a SHF SATCOM Executive Overview. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.10 TASK J

Develop and maintain Management Support Plans (MSP). Prepare management plans, which address total project management and support strategy for EXCOMM/SATCOM systems/equipment. The preparation of management plans shall include description of project responsibilities, resources, funding requirements and task breakdown utilizing the prescribed Work Breakdown Structure (WBS) format. Additionally, funding requirements will be tracked at the task level utilizing spreadsheet programming for overall tracking at the program level. Management plans will also include applicable drawings, charts and tables to reflect a total project overview. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.11 TASK K

Perform hands-on field service support. This includes training, installation assistance, operations, check-out and on-site maintenance for installed EXCOMM/SATCOM telecommunication systems. Provide liaison through which information related to maintenance and operational problems, available in the manufacturer's plant, or from the contractor's facility, can be quickly disseminated to facilities personnel. Conduct analysis of maintenance difficulties and advise on the establishment of maintenance, inspection and training programs designed to improve the quality of maintenance and operations.

1.2.12 TASK L

Provide Data Link technical, engineering, logistic and configuration management support services to SPAWARSCEN CHARLESTON for the AN/USQ-125 Data Terminal Set, Mobil Universal Link Translator System (MULTS) and other data link systems. Develop and maintain logistic documentation to include: HARDMAN analysis, NTP, CMP, ULSS, Computer Resource Life Cycle Management Plan (CRLCMP) and equipment specifications. Prepare briefings and attend Link meetings. Develop training curricula and conduct data link training, both in the classroom and aboard ship. Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.13 TASK M

Perform functions to provide technical and engineering support for Digital Wideband Transmission System (DWTS) requirements to include training, program management support, logistic support, coordination and technical evaluations. The contract will develop/maintain the DWTS training course material, including but not limited to, instructor guides, student guides, and Computer Based Training (CBT) software. The contractor will update/develop logistic documentation, including but not limited to, Integrated Logistic Support Plan (ILSP), Logistic Requirements Funding Summary (LRFP), and User's Logistic Support Summary (ULSS). Data may be required as a deliverable by DD Form 1423 attached to the DO.

1.2.14 TASK N

Perform functions to support the Reliability and Maintainability (R&M) analysis for Multi-functional Information Distribution Systems (MIDS). This will include, but is not limited to, review of prime item development specifications, product fabrication specifications, conceptual and developmental drawings, reliability predictions and supporting data, testability studies, failed item analysis reports, and maintainability predictions, participating in technical meetings. Data may be required as a deliverable by DD Form 1423 attached to the DO.

2.0 APPLICABLE TO ALL TASK REQUIREMENTS ABOVE

2.1 TASK MANAGEMENT

The contractor shall appoint/identify an individual as a task coordinator who is specifically charged with the responsibility of coordinating each task defined by DO issued under this contract. The Task coordinator shall become the focal point for communications relating to each task between the Government's Contracting Officer's Representative (COR) and the contractor.

2.2 PROGRAM CONTROLS

The contractor shall exercise those program controls necessary to maintain visibility of funding and expenditures, schedule status, and performance levels.

2.3 CONTRACT DATA

The contractor shall prepare and deliver data items as specified in the DD Form 1423 attached to the contract, and as specified in the DD Form 1423 (if any) attached to individual DOs issued under the contract.

2.3.1 MANAGEMENT CONTROL REPORTS

Mandatory Reporting Data Items are required for submission by the contractor under each DO issued to this contract. Reporting Data includes the items required for billing substantiation under the FAR 52.232-7, Payments under Time and Materials and Labor Hour Contracts and delineated in NAVSUP 5252.232-9001, Submission of Invoices (Cost-Reimbursement, Time -and-Materials, Labor Hour, or Fixed Price Incentive, and includes Data Items listed on the attached DD Form 1423.

2.4 CONTRACTOR FURNISHED MATERIAL, SHIPPING, AND SUBCONTRACTING

- a.** Contractor shall provide administrative office supplies except as may be otherwise specified elsewhere in this contract. Administrative office supplies shall include consumable supplies for computers such as floppy diskettes, laser printer toner cartridges, print wheels, tape cartridges, fan fold paper, and the like. Contractor shall also provide sufficient computing equipment, both hardware, software and consumable supplies as listed above, as required to support those personnel working at the contractor's facilities.
- b.** Contractor shall provide necessary facilities and resources as required for performance under this contract.
- c.** Material costs directly related to specific tasks in a delivery order include, but are not necessarily limited to supplies and miscellaneous things as charges for computer usage; charges for reproduction and printing of technical manuals and other logistic documents, installation materials, special equipment and material as cited in specific Delivery Orders; and computer disks (IBM & CD ROM) for special deliveries. Reproduction and printing shall be in accordance with NAVSO P-35 (Revised 1979), Department of the Navy Publications & Printing Regulations, and all associated references and NAVSUPINST 4200.85A - Shore & Fleet Small Purchase & Other Simplified Purchase Procedures. All toll telephone calls must be directly related to specific delivery orders. Those material costs not directly related are considered expendable material costs as defines in the following clause included in Section C, Reimbursement of Travel and Special Material Costs.
- d.** Shipping costs include those costs associated with shipping equipment and parts for installations and mailing requirements on deliverables when required.

- e. Subcontracting costs include, but are not necessarily limited to rental and/or lease of equipment for installations and antenna repair and outside sources required to satisfy deliverables when equipment or systems and beyond the capability of the prime contractor. These requirements will be identified in individual delivery orders. All subcontracting must be approved in accordance with specified subcontracting clauses.

2.5 GOVERNMENT FURNISHED PROPERTY AND MATERIAL (GFM)

- a. If individual DOs necessitates the usage of GFM, the SOW for those DOs will specifically identify the GFM, and will identify when and where the GFM will be furnished. The specific items of GFM, which may be furnished, cannot be accurately identified until the individual DOs are developed. It is anticipated that GFM may consist of special test equipment, installation drawings, planning documents, policy and procedure documents, and operational requirement documents. GFM will be made available for performance of requirements under this contract at SPAWARSYSCEN CHARLESTON or any of the locations listed in paragraph 1.1 of this SOW.
- b. GFM furnished under DOs issued under this contract shall be returned within five working days of oral or written request from the COR or the Government Property Administrator. All GFM issued under individual DOs shall be returned to the COR for that order upon completion.

3.0 CONTRACTOR MINIMUM REQUIREMENTS

3.1 FACILITIES

Effective technical performance of this contract requires immediate response from the contractor, and, therefore necessitates frequent communications with SPAWARSYSCEN Charleston personnel and close proximity to SPAWARSYSCEN Charleston. It is required that all actions of the contractor in technical performance of this contract be accomplished at the direction of a manager at the contractor facility. In view of the requirement set forth above, the contractor shall furnish evidence of willingness and ability to establish a facility with a minimum of 2,000 feet and with 30 minutes commuting distance of the SPAWARSYSCEN Charleston, South Carolina; an estimated minimum 5,000 square feet and within 60 minutes commuting distance of the SPAWARSYSCEN Charleston DET Norfolk, located in Building 166 and 182, at St. Julien's Creek, Chesapeake, Virginia. These facilities must be the contractor's principle place of performance for orders resulting from this solicitation.

3.1.1. MINIMUM FACILITIES

- a. The Contractor shall submit sufficiently detailed information with his proposal to assure that he maintains possession, or has made arrangements to obtain possession of the following minimum facility requirements at each location:
- (1) Be outfitted for storage of material (including classified), electronic assembly, fabrication, overhaul and be physically secure to prevent unauthorized access to Government equipment and material or classified material. In addition, have environmentally controlled warehouse and staging areas.
 - (2) The Contractor shall have capability of generating or reproducing technical documentation, including drawings, manuals, instructions, etc.
 - (3) The Contractor shall provide sufficient equipment and vehicles (all support costs) for local loading, unloading and transportation of equipment and materials within a sixty (60) minute land commuting distance of the Contractor's facility. These vehicles shall be capable of safely loading, unloading, and transporting objects weighing as much as 2,000 pounds, and loading them from or unloading them onto the ground of loading platforms. If such equipment or vehicles are required to perform particular tasks at locations other than locally, the individual order will authorize rental or lease, to be charged to the Subcontracting CLIN. If additional special equipment, such as cranes, staging, cherry pickers, etc. is required for a particular task, the individual order will authorize rental or lease, to be charged to the Subcontracting CLIN.
 - (4) The capability to produce technical documentation (paper and 3½ or 5¼ inch disk or CD-ROM copies) in WORD, EXCEL and ACCESS format; to transfer files at 9600 baud (or greater) via modem between minicomputers compatible with INTERNET protocols; and produce paper working copies (Xerox or equivalent) of technical documentation up to 8 ½ x 14 inch.
- b. The requirement for maintaining these facilities shall not be construed to mean that the Government will be obligated to pay any direct costs in connection therewith and further, the Contractor shall not be entitled to any direct payment in connection with any personnel set in readiness at or brought to such facility in preparation or in expectation of work to be performed under the Contract. Payment for labor hours and materials will be

made only for such hours and materials actually expended in performance under the Contract.

3.2 CONTRACTOR RESPONSIBILITIES

The Contractor shall:

- a. Notify the COR of all personnel to be used on the contract before any charges have been accrued to the contract in order to inform the COR of the personnel he/she can expect to see on the ensuing invoices. The contractor will secure the COR's initials/signature on the list of personnel before any charges are accrued against the contract.
- b. Promptly notify the COR of any anticipated change or reassignment of key personnel assigned to perform work under the contract in accordance with clause C-325, Key Personnel.
- c. Ensure that persons assigned to render services under this contract have been approved in accordance with clause C-325, Key Personnel. If the Contractor fails to secure the Government's approval and submits charges in an invoice, these same charges will be at no cost to the Government.
- d. Ensure that persons assigned to render services under this contract are at all times in the employ and under the direction and control of the Contractor.
- e. Exercise his own judgment and expertise to ensure the successful completion of Government specifications of work (i.e., "Statements of Work") required under individual DOs issued to this contract.
- f. Obtain Contracting Officer's required consent and authorization in accordance with the "Subcontract" provisions of this contract prior to subcontracting any portion of the effort required under an individual DO issued to this contract for subcontractors not proposed at the onset of the contract.
- g. Ensure that proper clearances and travel letters, e.g. are sent by the Government before undertaking any travel.

3.3 CONTRACT SECURITY CLASSIFICATION SPECIFICATION

The Department of Defense Contract Security Classification Specification (DD Form 254) attached hereto, itemized the security classification requirements for this contract. This work to be performed under this contract requires access to and handling of classified information up to and including TOP SECRET. The Contractor shall obtain facility and personnel clearances as may be required by the Department Industrial Security Program prior to starting work on this contract

3.4 ASSISTANCE FOR ACCESS TO GOVERNMENT FACILITIES

The Contracting Officer's Representative (COR), SPAWARSYSCEN CHARLESTON, shall assist the Contractor in making arrangements for accomplishment or services/tasks required to be performed on U.S. Navy installations, onboard Naval vessels, and/or at other government locations specified under DOs issued to this Contract.

C-311 PERSONNEL QUALIFICATIONS (SUP 5252.237-9401)

(a) Personnel assigned to or utilized by the Contractor in the performance of this contract shall, as a minimum, meet the experience, educational, or other background requirements set forth below and shall be fully capable of performing in an efficient, reliable, and professional manner. If the offeror does not identify the labor categories

listed below by the same specific title, then a cross-reference list should be provided in the offeror's proposal identifying the difference.

(b) The Government will review resumes of contractor personnel proposed to be assigned, and if personnel are not currently in the employ of the contractor, a written agreement from potential employee to work will be part of the technical proposal.

(c) If the Ordering Officer questions the qualifications or competence of any person performing under the contract, the burden of proof to sustain that the person is qualified as prescribed herein shall be upon the contractor.

(d) The Contractor must have the personnel, organization, and administrative control necessary to ensure that the services performed meet all the requirements specified in DOs. The work history of each Contractor employee shall contain experience directly related to the tasks and functions to be assigned. The Ordering Officer reserves the right to determine if a given work history contains necessary and sufficiently detailed, related experience to reasonably ensure the ability for effective and efficient performance.

(e) General personnel qualifications are:

- (1) The minimum qualifications for education, skill, and experience prescribed for the respective labor categories under which they are charged.
- (2) Experience levels shall have been obtained from full-time employment in the respective field of endeavor.
- (3) U.S. Navy active duty experience can be applied toward general experience and specialized experience.
- (4) Specialized experience, which meets requirements stated herein, can be applied toward general experience requirements.
- (5) For those labor categories specifying both education and experience qualifications, education of the type specified and related or specialized experience are substitutable on the basis of one (1) year of education for two (2) years of experience.
- (6) General Experience and Specialized Experience requirements may be acquired concurrently.
- (7) Each employee shall be fully capable of performing assigned functions in an efficient, reliable, and professional manner.
- (8) Engineering experience will not be credited unless it was gained after award of the required engineering degree.

(f) Minimum personnel qualifications are:

(1) **PROGRAM MANAGER**

(KEY PERSONNEL CATEGORY, 1 resume required with proposal. NOTE: Specialized Experience is required only with key resume. All other personnel utilized under this labor category are required to have the specified education and general experience.)

- [a] Education: Bachelor's Degree in Engineering (electrical/electronic/mechanical/mathematics/physics/environmental).
- [b] General Experience: Ten (10) years of at a professional level.

- [c] Specialized Experience: Key Resume One (1) must include the following in addition to general experience
- [1] Four(4) years' experience is required in managing complex engineering projects or programs. Experience must include the preparation of technically correct correspondence and reports, coordination of schedule, funding requirements, personnel, and equipment and material delivery to ensure timely and efficient accomplishment of tasks.
 - [2] Six (6) years' experience is required in the design and/or analysis of naval shipboard electronic/communication equipment and systems

(2) SENIOR SYSTEMS ENGINEER

(KEY PERSONNEL CATEGORY, 2 resumes required with proposal. NOTE: Specialized Experience is required only with key resumes. All other personnel utilized under this labor category are required to have the specified education and general experience.)

- [a] Education: Masters Degree in Space Systems Engineering, or Communications Engineering, or Communications Management, or a Bachelor of Science Degree (any discipline) and four (4) years experience in a Navy P Coded billet (defined as a billet that is a proven subspecialty in the officer ranks that requires certain level of experience or degree to qualify in that particular specialty) or other military experience equivalent to a Navy P Coded billet or a designated billet requiring a Masters in Space Systems Engineering.
- [b] General Experience: Fifteen (15) years of progressive experience in communications systems operations, design, management, integration and test and evaluation.
- [c] Specialized Experience: Key Resume One (1) must include the following in addition to general experience:
 - [1] Ten (10) years experience in development, introduction and evaluation of satellite communications systems, including two (2) years direct support to Commander Naval Space Command Staff or equivalent type support, e.g. experience participating in the planning of SATCOM Architecture requirements for a major Space Command or commercial manufacturer.
 - [2] Experience in all task areas listed in SOW.
- [d] Specialized Experience: Key Resume (2) must include the following in addition to general experience:
 - [1] Two (2) years direct support to Commander Naval Space Command Staff or equivalent.
 - [2] Two (2) years experience at a Major Communications Master Station at the Department Head/XO/CO level.

(3) ELECTRONIC SYSTEMS ENGINEER

(KEY PERSONNEL CATEGORY - 2 resumes required with proposal. NOTE: Specialized Experience is required only with key resumes. All other personnel utilized under this labor category are required to have the specified education and general experience.)

- [a] Education: Bachelor's Degree in Engineering (electrical/electronic/mechanical/mathematics/physics/environmental), or Masters Degree in Systems or Communications Engineering/Management.
- [b] General Experience: Ten (10) years experience directly related to Naval/Joint Communications directly related to systems described in the SOW.

- [c] Specialized Experience: Key Resume One (1) must include following in addition to the general experience:
 - [1] Direct support experience, minimum one (1) year to Commander Naval Computer and Telecommunications Command N5 Staff or equivalent command level, e.g. major communications echelon 2 type command.
- [d] Specialized Experience: Key Resume Two (2) must include the following in addition to general experience:
 - [1] Direct support experience, minimum one (1) years, to Commander Naval Space Command (CNSC) and Commander Naval Computer and Telecommunications (CNCTC) Command Staffs or equivalent staff experience, e.g. major space and communication echelon 2 type commands.
 - [2] Experience in support of the introduction of new SATCOM systems within the context of a Major Fleet Exercise.

(4) **FIELD ENGINEER**

(KEY PERSONNEL CATEGORY - 6 resumes required with proposal. NOTE: Specialized Experience is required only with key resumes. All other personnel utilized under this labor category are required to have the specified education and general experience.)

- [a] Education: Bachelor's Degree in Engineering (electrical/electronic/mechanical/mathematics/physics environmental) or he/she must have a minimum of ten (10) years of experience directly related to communications systems described in the SOW.
- [b] General Experience: Two (2) years experience in Navy/Joint EXCOMM/SATCOM and/or other systems directly related to communications systems described in the SOW.
- [c] Specialized Experience: Key Resume One (1) must include the following in addition to general experience:
 - [1] Ten (10) years experience of Navy related experience in equipment repair, alignments, installations and systems operational testing of Navy related shipboard and shore equipment.
 - [2] Five (5) years experience directly related to the SOW.
 - [3] Completed at least one (1) installation of systems mentioned in Task A.
- [d] Specialized Experience: Key Resume Two (2) must include the following in addition to general experience:
 - [1] Ten (10) years experience of Navy related experience in equipment repair, alignments, installations and system operational testing of Navy related shipboard and shore equipment.
 - [2] Five (5) years experience directly related to the SOW.
 - [3] Completed at least one (1) installation of systems mentioned in Task A.
- [e] Specialized Experience: Key Resume Three (3) must include the following in addition to general experience:
 - [1] Ten (10) years experience of Navy related experience in design and analysis of communications systems and management of Navy related shipboard and shore equipment.
 - [2] Five (5) years experience directly related to the SOW.
 - [3] Five (5) years experience in the development of PTIs, SARs, BACDs and IDPs.

- [f] Specialized Experience: Key Resume Four (4) must include the following in addition to general experience:
- [1] Ten (10) years experience of Navy related experience in equipment repair, alignments, installations and system operational testing of Navy related shipboard and shore equipment.
 - [2] Five(5) years experience directly related to the SOW.
 - [3] Completed at least one (1) installation of systems mentioned in Task A.
- [g] Specialized Experience: Key Resume Five (5) must include the following in addition to general experience:
- [1] Ten(10) years experience of Navy related experience in design and analysis of communications systems and management of Navy related shipboard and shore equipment.
 - [2] Five(5) years experience directly related to the SOW.
 - [4] Completed a LRF, ILSP, ULSS and CMP for a EXCOMM/SATCOM system/equipment.
- [h] Specialized Experience: Key Resume Six(6) must include the following in addition to general experience:
- [1] Ten (10) years experience of Navy related experience in equipment repair, alignments, installations and system operational testing of Navy related shipboard and shore equipment.
 - [2] Five(5) years experience directly related to the SOW.

(5) ELECTRONICS TECHNICIAN

(KEY PERSONNEL CATEGORY - 3 resumes required with proposal. NOTE: Specialized Experience is required only with key resumes. All other personnel utilized under this labor category are required to have the specified education and general experience.)

- [a] Education: Graduate of an accredited technical or apprentice program in electronics above high school (equivalent to a U.S. NAVY "A" school in electronics) designed to train new trainees for independent performance in telecommunications or RF systems maintenance as applicable.
- [b] General Experience: Five (5) years experience in the field of electronic assembly, repair and installation. This labor category is intended to be equivalent to an Engineering Technician V (SCA 29085) by DOL and subject to DOL wage determination.
- [c] Specialized Experience: Key Resume One (1) must include the following in addition to general experience:
- [1] Two (2) years shipboard SATCOM experience on SHF equipped ships, or equivalent experience in U.S. NAVY NEC 1468 and 1425, UHF Transceivers and TD-1271 DRAMA.
 - [2] Experience with SHF equipment such as QUICKSAT and the OM-51 spread spectrum modem.
- [d] Specialized Experience: Key Resume Two (2) must include the following in addition to general experience:
- [1] Two (2) years of field repair of EXCOMM/SATCOM equipment down to component level.
 - [2] Conducted at least one System Operational Verification Test (SOVT).
- [e] Specialized Experience: Key Resume Three (3) must include the following in addition to general experience:
- [1] Ten (10) years experience of Navy related experience in equipment repair, alignments, installations and system operational testing of Navy related shipboard and shore equipment.

[2] Conducted at least one System Operational Verification Test (SOVT).

C-310 GIDEP PROGRAM

(a) The contractor shall participate in the Government-Industry Data Exchange Program (GIDEP) under the latest revision of GIDEP Requirements Guide, NAVSEA S0300-BU-GYD-010. GIDEP is an invaluable tool in the government's war against inefficiency, and is limited to participating activities. GIDEP will retain and provide data and/or reports provided in compliance with this contract on a privileged basis. Compliance with the provisions of this clause shall not relieve the contractor from complying with other provisions of the contract.

(b) The contractor may insert paragraph (a) of this clause in any subcontract hereunder exceeding \$500,000. When so inserted, the word "contractor" shall be changed to "subcontractor." GIDEP materials, software and information are available without charge from:

GIDEP Operations Center
 PO Box 8000
 Corona, CA 91718-8000
 Phone: (909) 273-4677 or DSN 933-4677
 FAX: (909) 273-5200
 Internet: <http://www.gidep.corona.navy.mil>

C-315 WORK WEEK

(a) All or a portion of the effort under this contract will be performed on a Government installation. The normal work week for Government employees at **SPAWAR Charleston is 8:00 AM to 4:30 PM Monday through Friday**. Work at this Government installation shall be performed by the contractor within the normal workweek unless differing hours are specified on the individual task orders. Following is a list of holidays observed by the Government:

| <u>Name of Holiday</u> | <u>Time of Observance</u> |
|----------------------------|-----------------------------|
| New Year's Day | 1 January |
| Martin Luther King Jr. Day | Third Monday in January |
| Washington's Birthday | Third Monday in February |
| Memorial Day | Last Monday in May |
| Independence Day | 4 July |
| Labor Day | First Monday in September |
| Columbus Day | Second Monday in October |
| Veteran's Day | 11 November |
| Thanksgiving Day | Fourth Thursday in November |
| Christmas Day | 25 December |

(b) If any of the above holidays occur on a Saturday or a Sunday, then such holiday shall be observed by the Contractor in accordance with the practice as observed by the assigned Government employees at the using activity.

(c) If the Contractor is prevented from performance as the result of an Executive Order or an administrative leave determination applying to the using activity, such time may be charged to the contract as direct cost provided such charges are consistent with the Contractor's accounting practices.

(d) This contract does not allow for payment of overtime during the normal work week for employees who are not exempted from the Fair Labor Standards Act unless expressly authorized by the Ordering Officer. Under Federal regulations the payment of overtime is required only when an employee works more than 40 hours in a normal week period.

C-317 NOTICE TO CONTRACTOR OF CERTAIN DRUG DETECTION PROCEDURES

- (a) Pursuant to Navy policy applicable to both Government and contractor personnel, measures will be taken to prevent the introduction and utilization of illegal drugs and related paraphernalia into Government Work areas.
- (b) In furtherance of the Navy's drug control program, unannounced periodic inspections of the following nature may be conducted by installation security authorities:
- (1) Routine inspection of contractor occupied work spaces.
 - (2) Random inspections of vehicles on entry or exit, with drug detection dog teams as available, to eliminate them as a safe haven for storage of or trafficking in illegal drugs.
 - (3) Random inspections of personnel possessions on entry or exit from the installation.
- (c) When there is probable cause to believe that a contractor employee on board a naval installation has been engaged in use, possession or trafficking of drugs, the installation authorities may detain said employee until the employee can be removed from the installation, or can be released to the local authorities having jurisdiction.
- (d) Trafficking in illegal drug and drug paraphernalia by contract employees while on a military vessel/installation may lead to possible withdrawal or downgrading of security clearance, and/or referral for prosecution by appropriate law enforcement authorities.
- (e) The contractor is responsible for the conduct of employees performing work under this contract and is, therefore, responsible to assure that employees are notified of these provisions prior to assignment.
- (f) The removal of contractor personnel from a Government vessel or installation as a result of the drug offenses shall not be cause for excusable delay, nor shall such action be deemed a basis for an equitable adjustment to price, delivery or other provisions of this contract.

C-326 DELIVERY/TASK ORDER PROCEDURES - ALTERNATE I

Both level of effort (term) and completion type orders may be issued under this contract. Each delivery or task order will include the order type deemed appropriate by the Government.

- (a) *Procedures.* Each delivery/task order shall be placed in accordance with the following procedures:
- (1) Upon identification of a requirement, the Contracting Officer's Representative (COR) or originator shall contact the Contractor for the purpose of arriving at a common understanding of the technical components which constitute the basis for performance under this delivery/task order and identifying the elements necessary for preparing a detailed Statement of Work (SOW) which contains sufficient definition to allow all parties to clearly identify an end product consistent with the scope of the contract.
 - (2) Within five (5) days, the Contractor shall submit to the COR and/or originator a signed submittal which includes a complete SOW, breakdown of labor, material, and ODCs in accordance with Section B of the basic contract. Discussions may be held with the contractor to resolve/clarify any discrepancies. After both parties have reached agreement regarding the technical requirements of the SOW and the cost estimate, the Contractor and the COR and/or originator shall sign and date the document to signify their common understanding of the delivery/task order requirements.
 - (3) A complete package, including the signed estimate will be forwarded by the COR to the Ordering Officer for final review and award of the delivery/task order. The cost estimate from the Contractor shall contain the following information to enable the Ordering Officer to make a determination of price reasonableness:
 - (i) Cost Plus Fixed Fee (CPFF).
 - (A) Direct labor, including labor categories, hours, rates and total.
 - (B) Indirect Rates.
 - (C) Other Direct Costs (ODCs).

1. Travel identified in the SOW needs only a total cost. Travel requirements not identified in the SOW must be fully documented including destination, number of people, number of days, airfare, per diem, car rental and other charges.

2. Material exceeding a unit price of \$2,500 must be itemized. All other materials need only a total cost.

3. Equipment must be identified as Information Technology (IT) or non-IT. All IT equipment must be itemized. Non-IT equipment exceeding a unit price of \$2,500 must be itemized. All other equipment not identified above needs only a total cost.

4. Other, as required by the proposed task/delivery order.

(D) Subcontractors. Subcontractors need only submit total cost with labor categories and hours to the prime contractor. Costs, with the same level of detail as submitted by the prime contractor for the task/delivery order, shall be submitted directly to the Government by the subcontractor.

(E) Consultants. Consultants need only submit total cost with labor categories and hours to the prime contractor. Costs, with the same level of detail as submitted by the prime contractor for the task/delivery order, shall be submitted directly to the Government by the subcontractor.

(F) Other Information.

1. A statement that the cost estimate is based upon either a completion or level of effort task and the anticipated duration of the delivery/task order.

2. For Small Business and 8(a) set-asides, the Contractor shall state that they are in compliance with the FAR 52.219-14 clause.

(G) Fee as specified in basic contract (NOTE: In T&M and LH contracts, fee is incorporated into burdened rates).

(H) Any backup documentation not provided when you submit your cost estimate may be requested later by the Ordering Officer.

(ii) Time and Material (T&M)/Labor Hour (LH).*

(A) Sub-CLIN.

(B) Labor Category.

(C) Hourly Rate.

(D) Number of Hours.

(E) ODCs (same as CPFF).

(F) Subcontractors.

*NOTE: If the proposal is based on a labor hour contract, no material costs will be authorized.

(4) Once the Ordering Officer/Administrator has reviewed and accepted the Contractor's cost estimate, a DD Form 1155 will be executed by the Contracting Officer/Ordering Officer and sent to the Contractor as notice to begin work. The Contractor is cautioned that no work is to be started prior to receipt of a properly signed and executed DD Form 1155, Order for Supplies/Services. If the cost estimate is insufficient or discussions are needed, the administrator will contact the Contractor to negotiate requirements.

(b) *Content and Effect.*

(1) Each CPFF delivery/task order shall include:

(i) Effective date of order,

(ii) Contract and delivery/task order numbers,

(iii) Type of delivery/task order (i.e., completion or term),

(iv) Estimated hours (provided for information only on completion-type orders),

(v) Estimated cost, fee or price,

(vi) Scope, including reference to applicable (contract) specifications,

(vii) Delivery or performance date,

(viii) Place of delivery or performance,

(ix) Accounting and appropriation data, and

(x) Other information as appropriate (e.g., Government Furnished Property, material, or facilities to be made available for performance of the order; safety requirements; security requirements set forth on DD Form 254; data requirements set forth on DD Form 1423; etc.).

(2) Each T&M/LH delivery/task order shall include:

- (i) Effective date of order,
- (ii) Contract and delivery/task order numbers,
- (iii) Place of delivery or performance,
- (iv) Scope, including reference to applicable (contract) specifications,
- (v) Place and manner of inspection and acceptance, if different from that specified in the basic contract,
- (vi) Government furnished property, material or facilities to be made available for performance of the order,
- (vii) An estimate of the number of hours of labor, by labor categories, with rates required to perform the order,
- (viii) A ceiling price, set forth as a "not-to-exceed" amount,
- (ix) Delivery date or period of performance,
- (x) Accounting and appropriation data,
- (xi) Any other information deemed necessary for the performance of the order.

(c) *Maintenance of Records.* The Contractor shall maintain the following cost records under this contract as a minimum:

- (1) Records for each delivery/task order, indicating the number of hours of direct labor performed, segregated to the individual employee performing the work,
- (2) Records for each individual employee, identifying direct labor performed and segregated as to delivery/task order for which performed, and
- (3) Records of all direct non-labor costs, allocated to individual delivery/task order.
- (4) Nothing herein shall be deemed to excuse the Contractor from maintaining records required by other provisions of this contract.

(d) *Contractor Notification.* (1) The Contractor is responsible for immediately notifying the Ordering Officer/Administrator of any difficulties in performing in accordance with the terms of the order. (2) Each delivery or task order under a cost reimbursement contract is deemed to include the FAR 232-20 "Limitation of Funds" or the FAR 232-22 "Limitation of Cost" clause, whichever is applicable. (3) Each delivery or task order under a time -and-material or labor-hour contract shall be treated, for purposes of payment and expenditure ceilings, as an independent document, thus the ceiling established therein shall not be exceeded. Accordingly, the Contractor will not be obligated to continue performance beyond the point at which the delivery/task order funds are consumed, nor will the Government be obligated to reimburse the Contractor for any costs allocable to a delivery/task order beyond those provided in the order. Should a task not be completed due to an exhaustion of available funds, the Government may elect to modify the order to provide the additional funding, or it may direct delivery of all work in progress thereunder. Such delivery shall be effected at no additional cost to the Government.

C-701 YEAR 2000 COMPLIANCE REQUIREMENT--INFORMATION TECHNOLOGY

(a) All information technology (IT), whether commercial or noncommercial, delivered under this contract that will be required to perform date/time processing involving dates subsequent to December 31, 1999, shall be Year 2000 compliant when properly installed, operated, and maintained in accordance with the contract specifications and applicable documentation. If the contract requires that specific deliverables operate together as a system, this requirement shall apply to those deliverables as a system.

(b) *Definitions*

"Commercial items" is defined at the FAR 52.202-1 "Definitions" clause of this contract.

"Information technology" or "IT" as used in this requirement, means any equipment, or interconnected system(s) or subsystem(s) of equipment, that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information by the agency.

(1) For purposes of this definition, equipment is used by an agency if the equipment is used by the agency directly or is used by a contractor under a contract with the agency which--

- (i) Requires the use of such equipment; or
 - (ii) Requires the use, to a significant extent, of such equipment in the performance of a service or the furnishing of a product.
- (2) The term “information technology” includes computers, ancillary equipment, software, firmware and similar procedures, services (including support services), and related resources.
- (3) The term “information technology” further includes for this contract--
- (i) Any equipment that is acquired by a contractor incidental to a contract; or
 - (ii) Any IT (regardless of the source) used by the contractor in the performance of this contract to develop or modify IT under the requirements of this contract, or
 - (iii) Any equipment that contains imbedded information technology that is used as an integral part of the product, but the principal function of which is not the acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information. For example, HVAC (heating, ventilation, and air conditioning) equipment such as thermostats or temperature control devices, and medical equipment where information technology is integral to its operation, are information technology.

“Year 2000 compliant” means that the IT accurately processes date/time data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations, to *the extent* that other IT, used in combination with the IT being delivered, properly exchanges date/time data with it. The “*proper exchange*” of date/time data shall be in accordance with the interface requirements specification(s) of the contract.

(c) For line item deliverables which are commercial items, and which include commercial IT, the terms and conditions of the standard commercial warranty covering such commercial IT shall apply in addition to, and to the extent such terms and conditions are consistent with, this requirement. Any applicable commercial warranty shall be incorporated into this contract by attachment.

(d) Notwithstanding any provision to the contrary in any warranty of this contract, or in the absence of any such warranty or warranties, the remedies available to the Government under this requirement shall include those provided in the inspection clause(s) of this contract. Nothing in this requirement shall be construed to limit any rights or remedies the Government may otherwise have under this contract.

(e) Unless specified elsewhere in the contract, the Contractor will also deliver to the Government a report summarizing any Year 2000 compliance testing that was performed and the results thereof.

(f) The remedies available to the Government for noncompliance with this requirement shall remain available *until 31 January 2001 or one hundred eighty (180) days* after acceptance of the last deliverable IT, item under this contract (including any option exercised hereunder), *whichever is later*. The remedies of this specification are in addition to all otherwise existing remedies, including, but not limited to, latent defect remedies.

SECTION D Packaging and Marking

CLAUSES INCORPORATED BY FULL TEXT

D-305 PREPARATION FOR DELIVERY

(a) Supplies shall be prepared for delivery in accordance with ASTM-D-3951, "Standard Practice for Commercial Packaging", dated 1 September 1995.

(b) The contractor shall mark all shipments under this contract in accordance with MIL-STD-129, Military Standard Marking for Shipment and Storage".

D-307 PROHIBITED PACKING MATERIALS

The use of asbestos, excelsior, newspaper or shredded paper (all types including waxed paper, computer paper and similar hydroscopic or non-neutral material) is prohibited. In addition, loose fill polystyrene and plastic as packing materials are prohibited for items destined for afloat units.

D-308 MARKING OF SHIPMENT

Each shipment of material and/or data shall be clearly marked to show the following information:

| | |
|-------------------------------|---|
| SHIP TO: RECEIVING OFFICER | MARK FOR: Contract #: _____ Delivery Order #: _____ Item #: _____ Receiving Officer Code: _____ |
|-------------------------------|---|

The receiving office is located at _____ (1) _____ and is open for deliveries _____ (2) _____.

"To be shown on each individual delivery order".

SECTION E Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

| CLIN | INSPECT AT | INSPECT BY | ACCEPT AT | ACCEPT BY |
|------|------------|------------|-----------|-----------|
| 0001 | N/A | N/A | N/A | N/A |
| 0002 | N/A | N/A | N/A | N/A |
| 0003 | N/A | N/A | N/A | N/A |

CLAUSES INCORPORATED BY REFERENCE:

| | | |
|--------------|--|----------|
| 52.246-6 | Inspection--Time-And-Material And Labor-Hour | JAN 1986 |
| 252.246-7000 | Material Inspection And Receiving Report | DEC 1991 |

CLAUSES INCORPORATED BY FULL TEXT

E-303 INSPECTION AND ACCEPTANCE--DESTINATION

Inspection and acceptance of the supplies/services to be furnished hereunder shall be made at destination by the SPAWARSYSCEN Engineer designated in each individual task order or his duly authorized representative within 7 working days after receipt of supplies/services, or completion of services at destination.

FAR Clause 52.232-25, entitled Prompt Payment, is incorporated by reference in Section I of this contract. As authorized by FAR 32.905(a)(1)(ii) and DFAR 232.905(1), paragraph (a)(5)(i) of FAR clause 52.232-25 is modified to read 30 working days in lieu of seven calendar days.

SECTION G Contract Administration Data

CLAUSES INCORPORATED BY FULL TEXT

5252.232-9001 SUBMISSION OF INVOICES (COST-REIMBURSEMENT, TIME-AND-MATERIALS, LABOR-HOUR, OR FIXED PRICE INCENTIVE) (JUL 1992)

(a) "Invoice" as used in this clause includes contractor requests for interim payments using public vouchers (SF-1034) but does not include contractor requests for progress payments under fixed price incentive contracts.

(b)(i) In accordance with DFARS 242.803(b)(i)(C), the cognizant Defense Contract Audit Agency (DCAA) auditor has authorized the contractor to submit interim invoices directly to paying offices. This authorization does not extend to the first and final invoices, which shall be submitted to the contract auditor at the following address:

Defense Contract Audit Agency (DCAA)
Mid-Atlantic Regional Fairfax Branch
171 Elden Street, Suite 315
Herndon, VA 22030

A copy of every invoice shall also be provided to the individual listed below, at the address shown (if completed by the contracting officer):

Space and Naval Warfare Systems Center, Charleston, SC Code 123

In addition, a copy of the final invoice shall be provided to the Administrative Contracting Officer (ACO).

(ii) Upon written notification to the contractor, DCAA may rescind its authorization for the contractor to submit interim invoices directly to the paying offices. Upon receipt of such written notice the contractor shall immediately begin to submit all invoices to the contract auditor at the above address.

(iii) Notwithstanding (i) and (ii), when delivery orders are applicable, invoices shall be segregated by individual order and submitted to the address(es) specified in the order.

(c) Invoices requesting interim payments shall be submitted no more than once every two weeks, unless another time period is specified in the Payments clause of this contract. For indefinite delivery type contracts, interim payment invoices shall be submitted no more than once every two weeks for each delivery order. There shall be a lapse of no more than 30 calendar days between performance and submission of an interim payment invoice.

(d) In addition to the information identified in the Prompt Payment clause herein, each invoice shall contain the following information, as applicable:

- (1) Contract line item number (CLIN)
- (2) Subline item number (SLIN)
- (3) Accounting Classification Reference Number (ACRN)
- (4) Payment terms
- (5) Procuring activity
- (6) Date supplies provided or services performed
- (7) Costs incurred and allowable under the contract
- (8) Vessel (e.g., ship, submarine or other craft) or system for which supply/services is provided

(e) A DD Form 250, "Material Inspection and Receiving Report",

 is required with each invoice submittal.

xx is required only with the final invoice.

is not required.

(f) A Certificate of Performance

shall be provided with each invoice submittal.

is not required.

(g) The Contractor's final invoice shall be identified as such, and shall list all other invoices (if any) previously tendered under this contract.

(h) Costs of performance shall be segregated, accumulated and invoiced to the appropriate ACRN categories to the extent possible. When such segregation of costs by ACRN is not possible for invoices submitted with CLINS/SLINS with more than one ACRN, an allocation ratio shall be established in the same ratio as the obligations cited in the accounting data so that costs are allocated on a proportional basis.

G-306 DESIGNATION OF CONTRACTING OFFICER'S REPRESENTATIVE

(a) The Contracting Officer hereby appoints the following individual as the Contracting Officer's Representative(s) (COR) for this contract/order:

(1)

Code 534AP
SPAWARSYSCEN CHARLESTON

(b) It is emphasized that only the Contracting Officer has the authority to modify the terms of the contract. Therefore, in no event will any understanding agreement, modification, change order, or other matter deviating from the terms of the basic contract between the Contractor and any other person be effective or binding on the Government. When/If, in the opinion of the Contractor, an effort outside the existing scope of the contract is requested, the Contractor shall promptly notify the PCO in writing. No action shall be taken by the Contractor unless the PCO or ACO has issued a contractual change.

(c) In the absence of the COR named above, all responsibilities and functions assigned to the COR shall be the responsibility of the Alternate COR acting in behalf of the COR. The Contracting Officer hereby appoints the following individual as the Alternate COR:

(2)

**To be completed at time of award*

G-314 TYPE OF CONTRACT

This is a Indefinite Delivery, Indefinite Quantity, Time and Material type contract.

G-316 LINE ITEM FOR WAGE DETERMINATION ESCALATION (TIME AND MATERIAL AND LABOR-HOUR CONTRACTS)

(a) The Wage Determination Escalation Line Item represents the anticipated/estimated amount of escalation of the labor rates on the individual delivery/task orders. This escalation results from revision of the wage determinations issued by the Department of Labor on labor categories covered by the Service Contract Act.

(b) The estimated amount of the wage determination escalation shall be determined by the Government by applying five percent (5%) to the total price of the wage-determined labor categories as applicable in each individual delivery order.

(c) The delivery or task orders reflecting a performance period which crosses the anniversary date of the contract will contain the wage determination escalation line item, unless the wage determination for this period has already been definitized. The amount to be included in the delivery/task order shall be determined by applying five percent (5%) to the total price of the Service Contract Act (SCA) covered wage determined labor category hours that cross the anniversary date of the basic contract. This estimated amount will be funded on the delivery/task order. This line item is not subject to use by the contractor and may not be included on the contractor's invoicing. The funding provided for this line item shall be used to fund the actual increases in the wage rates of labor categories due to the affect of revised wage determinations incorporated when a wage determination is definitized for an option period. The delivery/task orders affected by this revision will be modified to provide the actual increase in the labor rates when the revised rates are definitized by modification to the basic contract.

(End of clause)

SECTION H Special Contract Requirements

CLAUSES INCORPORATED BY REFERENCE:

H-345 Wage Determination Applicable, Service Contract Act OCT 1997

CLAUSES INCORPORATED BY FULL TEXT

5252.215-9210 INCORPORATION OF REPRESENTATIONS AND CERTIFICATIONS BY REFERENCE (NOV 1991)

All representations and certifications and other written statements made by the contractor in response to Section K of the solicitation or at the request of the contracting officer which are incident to the award of the contract or modification of this contract, are hereby incorporated by reference with the same force and effect as if they were given in full text.

5252.219-9201 SMALL BUSINESS SUBCONTRACTING PLAN (OCT 1995)

Pursuant to Public Law 95-507, the Contractor's Subcontracting Plan for small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns is hereby approved and attached hereto as Attachment "7" and is made a part of this contract.

**To be filled in at time of award*

5252.243-9400 AUTHORIZED CHANGES ONLY BY THE CONTRACTING OFFICER (JAN 1992)

(a) Except as specified in paragraph (b) below, no order, statement, or conduct of Government personnel who visit the Contractor's facilities or in any other manner communicates with Contractor personnel during the performance of this contract shall constitute a change under the Changes clause of this contract.

(b) The Contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer, or is pursuant to specific authority otherwise included as a part of this contract.

(c) The Contracting Officer is the only person authorized to approve changes in any of the requirements of this contract and notwithstanding provisions contained elsewhere in this contract, the said authority remains solely the Contracting Officer's. In the event the contractor effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in charges incurred as a result thereof. The address and telephone number of the Contracting Officer is:

NAME _____
ADDRESS SPAWARSYSCEN CHARLESTON _____
TELEPHONE _____

5252.245-9200 GOVERNMENT FURNISHED MATERIAL (JAN 1989)

The Government shall furnish to the Contractor for use in connection with this contract, the material set forth below:

DESCRIPTION QUANTITY

***To be indicated on Individual Task Orders**

Only the material listed above in the quantities shown will be furnished by the Government notwithstanding any provisions of the specifications to the contrary. All other material required in the performance of this contract shall be furnished by the contractor. Government Furnished Material shall be delivered, all transportation charges paid, within ___*___ days from the date of contract to the cognizant contract administration office specified herein, in care of the contractor's plant at ___*___. Such material shall be subject to the Government Property clause of this contract.

5252.245-9201 GOVERNMENT FURNISHED PROPERTY (JAN 1989)

The Government will provide only that property set forth below, notwithstanding any provisions of the specification(s) to the contrary:

GOVERNMENT PROPERTY: Upon Contractor's written request to the Procuring Contracting Officer via the cognizant Contract Administration Office, the Government will furnish the following for use in the performance of this contract:

DESCRIPTION QUANTITY DATE LOCATION

To be indicated on Individual Task Orders

H-320 ALTERNATIVES AND UPDATES TO SPECIFICATIONS AND STANDARDS

- (a) The Department of Defense is --
 - (1) committed to minimizing the use of military and federal specifications and standards; and
 - (2) seeking to use non-government specifications and standards to the maximum extent practicable to satisfy its requirements.

- (b) The Contractor --
 - (1) is encouraged to identify and propose alternatives to specifications and standards cited in this contract;
 - (2) may submit to the Contracting Officer a proposal addressing alternatives to contractually mandated military, federal, or commercial specifications and standards, consisting of the following:
 - (i) a copy of the proposed alternatives;
 - (ii) a comparison of the proposed alternatives to the specifications or standards cited in the contract; and
 - (iii) an analysis supporting the feasibility and cost-effectiveness of the proposed alternatives.

- (c) If the Contractor has a contract, or multiple DOD contracts, that incorporate outdated or different versions of military, federal, or commercial specifications or standards, the Contractor may request that all of its contracts be updated to the latest version of the applicable specifications or standards. Updating must not affect the form, fit, or function of any deliverable item, and must demonstrate a benefit to the government. The Contractor may submit updating requests to the Contracting Officer through the cognizant contract administration office. The government will, to the extent practicable, evaluate the acceptability of any proposed alternative. If a proposed alternative is not considered for the instant procurement, it will be considered for future procurement. If the Contracting Officer does not accept the proposed alternative, the Contractor agrees to perform the contract in accordance with the specifications and standards cited in the contract.

H-321 CONTRACTOR PERFORMANCE UNDER TASK ORDERS (TIME & MATERIALS/LABOR HOUR)

The Contractor shall perform as set forth in task orders issued by the Government. Notwithstanding the identification of particular labor categories and the associated staff-hours for each labor category in the task order(s) the contractor may increase or decrease the staff-hours for designated labor categories as deemed necessary in order to perform the task order satisfactorily. No category of labor other than those appearing in the task order schedule shall be provided unless the task order is modified to cover such labor category. In no event, however, shall the contractor exceed the total funds in the order, unless such amount is subsequently increased by modification.

H-323 CONTRACTOR PICTURE BADGE

(a) A contractor picture badge may be issued to contractor personnel by the __ (1) __ upon receipt of a valid visit request from the Contractor and a picture badge request from the COR. A list of personnel requiring picture badges must be provided to the COR to verify that the contract or delivery/task order authorizes performance at ____ (2) ____ prior to completion of the picture badge request.

(b) An automobile decal will be issued by ____ (1) ____ upon presentation of a valid contractor picture badge and the completion of the Badge and Decal Record.

(c) The contractor assumes full responsibility for the proper use of the identification badge and automobile decal, and shall be responsible for the return of the badge and/or destruction of the automobile decal upon termination of personnel or expiration or completion of the contract.

(d) At the completion of the contract, the contractor shall forward to ____ (1) ____ a list of all unreturned badges with a written explanation of any missing badges .

***To be indicated on each Individual Task Order**

H-329 CONTRACTOR ACQUIRED PROPERTY/GOVERNMENT FURNISHED PROPERTY

This contract contains the clause entitled "Government Furnished Property". However, receipt of Government Furnished Property or Contractor Acquired Property is not authorized under this contract. Such property may be acquired only upon receipt of a fully executed delivery or task order or modification to a delivery or task order that specifically authorizes acquisition of the property by the contractor. Requests for Contractor Acquired Property must be made to the cognizant Contracting Officer.

Any property acquired by the Contractor without a delivery or task order or modification to a delivery or task order authorizing such acquisition, is done so at the Contractor's own risk.

H-341 EMPLOYMENT OF NAVY PERSONNEL RESTRICTED

In performing this contract, the Contractor will not use as a consultant or employ (on either a full or part-time basis) any active duty Navy personnel (civilian or military) without the prior approval of the Contracting Officer. Such approval may be given only in circumstances where it is clear that no law and no DOD or Navy instructions, regulations, or policies might possibly be contravened and no appearance of a conflict of interest will result.

H-343 CONTRACT DATA REQUIREMENTS – DELIVERY ORDERS

The data items shown on the DD Form 1423, Contract Data Requirements List, or included in the Statement of Work are either known data requirements or a general description of the data to be clarified or restated on each delivery order.

H-349 REIMBURSEMENTS UNDER COST REIMBURSEMENT, TIME AND MATERIAL AND LABOR HOUR CONTRACTS

(a) Office Equipment

The costs for acquisition, usage or rental of General Purpose Office Equipment including, but not limited to, typewriters, word processing machines, computers, computer time, printers, reprographic and xerographic copying machines, telecopiers, telephone equipment, and postage machines are considered overhead expenses and shall not be directly reimbursable under this contract. Such costs shall be included in the hourly rates payable under paragraph (a)(1) of the FAR 52.232-7 “Payments under Time-and-Material and Labor-Hour Contracts” clause, if this is a time-and-material or labor-hour contract. These overhead expenses will be reimbursed to the contractor as indirect costs under the FAR 52.216-7 “Allowable Cost and Payment” clause, if this is a cost-reimbursement contract.

(b) Overtime

Overtime is contemplated only on an emergency basis. However, if the need for overtime arises, such overtime shall not be worked without written authorization from the Contracting Officer.

(c) Overtime/Holiday Rate

(1) Overtime is defined as time worked in one workweek in excess of 40 hours in such workweek. Holiday time is defined as any time worked on a legal Federal Holiday. Legal Federal holidays for the purpose of this contract are listed below:

- New Year’s Day
- Martin Luther King’s Birthday
- Washington’s Birthday
- Memorial Day
- Independence Day
- Labor Day
- Columbus Day
- Veteran’s Day
- Thanksgiving Day
- Christmas Day

(2) Overtime and/or holiday work may be worked by the Contractor only to the extent it is specifically authorized in writing, by the ordering activity on individual orders placed under the contract. No additional hours of overtime may be worked without additional written authorization.

(3) Unless the contractor states otherwise in contractor’s proposal it will be deemed that the contractor shall observe the same holidays as the Government and shall otherwise be open for business Monday through Friday during the performance of the contract.

(d) Vehicle and/or Truck Rental

When any special vehicles and/or trucks are required, the cost for contractor-owned vehicles and/or trucks shall be included in the overhead rate and applied to the labor categories set forth in Section B. The contractor shall be

reimbursed for actual rental/lease of vehicles and/or trucks, only if provided for in Section B and authorized by individual task/delivery orders. Reimbursement of such rental shall be made based on actual amounts paid by the contractor, not to exceed the rates set forth in the applicable line items in Section B.

(e) Expendable Material

Expendable materials, such as clerical supplies and materials which are considered to be a normal cost of doing business, are considered to be overhead expenses and must be included in hourly labor rates shown in Section B and payable under paragraph (a)(1) of the FAR 52.232-7 "Payments under Time -and-Material and Labor-Hour Contracts" clause. They shall not be billed as a separate material cost.

(f) Other Material

Material, other than expendable material, shall be furnished pursuant to specific authorization in a task/delivery order issued under this contract. The contractor will be required to support all material costs claimed by submission of paid subcontractor invoices. Contractor will be reimbursed at the contractor's cost less any applicable discount, plus material handling costs, if any, are specified in Section B of this contract. Material handling charge shall be shown in Section B only if the contractor's accounting system segregates that particular cost.

H-350 REIMBURSEMENT OF TRAVEL COSTS

(a) Contractor Request and Government Approval of Travel

Any travel under this contract must be specifically requested in writing, by the contractor prior to incurring any travel costs. The travel request shall be submitted three weeks in advance, when possible, prior to incurring any travel costs, and shall include as a minimum, the following:

- (1) Contract number
- (2) Date, time, and place of proposed travel
- (3) Purpose of travel and how it relates to the contract
- (4) Contractor's estimated cost of travel
- (5) Name(s) of individual(s) traveling and;
- (6) A breakdown of estimated travel and per diem charges.

(Alternate 1) Any travel under the contract must be specifically identified by the contractor in a written quotation to the Ordering Officer prior to incurring any travel costs. Travel under this contract is only authorized under task/delivery orders issued by the Ordering Officer or by a modification to an issued task/delivery order.

(b) General

(1) The costs for travel, subsistence, and lodging shall be reimbursed to the contractor only to the extent that it is necessary and authorized for performance of the work under this contract. The costs for travel, subsistence, and lodging shall be reimbursed to the contractor in accordance with the Federal Acquisition Regulation (FAR) 31.205-46, which is incorporated by reference into this contract. As specified in FAR 31.205-46(a) (2), reimbursement for the costs incurred for lodging, meals and incidental expenses (as defined in the travel regulations cited subparagraphs (b)(1)(i) through (b)(1)(iii) below) shall be considered to be reasonable and allowable only to the extent that they do not exceed on a daily basis the maximum per diem rates in effect at the time of travel as set forth in the following:

(i) Federal Travel Regulation* prescribed by the General Services Administration for travel in the contiguous 48 United States;

(ii) Joint Travel Regulation, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense for travel in Alaska, Hawaii, The Commonwealth of Puerto Rico, and the territories and possessions of the United States; or

(iii) Standardized Regulations, (Government Civilians, Foreign Areas), Section 925, "Maximum Travel Per Diem Allowances in Foreign Areas" prescribed by the Department of State, for travel in areas not covered in the travel regulations cited in subparagraphs (b)(1)(i) and (b)(1)(ii) above.

* Federal Travel Regulation (FTR) Amendment 75 was published in the Federal Register as a Final Rule on December 2, 1998. This final rule changed how the FTR maximum per diem rate limitations are computed, including extracting lodging taxes from the per diem rates and allowing payment of lodging taxes as a miscellaneous expense instead. Some contractors may encounter a significant administrative burden and incur substantial costs in modifying their systems to comply with this Final Rule. Therefore, contractors may choose to satisfy the limitation on allowable travel costs by continuing to use the FTR maximum per diem rates and the definitions of lodging, meals, and incidental expenses in effect on December 31, 1998, or the revised FTR rates and definitions that went into effect on January 01, 1999. Contractors may choose the maximum per diem rate computation methodology for all contractor travel from October 01, 1999 through September 30, 2000 (see the DAR deviation issued under DAR Tracking Number 99-O0013). Contractors shall use the revised FTR rates and definitions that went into effect on January 01, 1999 for all contractor travel after October 01, 2000, unless (A) the Director of Defense Procurement further extends the deviation, or (B) the coverage in FAR 31.205-46(a) (2) is revised.

(2) Personnel in travel status from and to the contractor's place of business and designated work site or vice versa, shall be considered to be performing work under the contract, and contractor shall bill such travel time at the straight (regular) time rate shown in Section B; however, such billing shall not exceed eight hours per person for any one person while in travel status during one calendar day.

(c) Per Diem

(1) The contractor shall not be paid per diem for contractor personnel who reside in the metropolitan area in which the tasks are being performed. Per diem shall not be paid on services performed at contractor's home facility and at any facility required by the contract, or at any location within a radius of 50 miles from the contractor's home facility and any facility required by this contract.

(2) Costs for subsistence and lodging shall be paid to the contractor only to the extent that overnight stay is necessary and authorized in writing by the Government for performance of the work under this contract. When authorized, per diem shall be paid by the contractor to his employees at a rate not to exceed the rate specified in the travel regulations cited in FAR 31.205-46(a)(2) and authorized in writing by the Government. The authorized per diem rate shall be the same as the prevailing locality per diem rate. If this contract is a definite or indefinite delivery contract, then the written Government authorization will be by task/delivery orders issued by the Ordering Officer or by a modification to an issued task/delivery order. If this contract is not a definite or indefinite delivery contract, then the written Government authorization will be by written notice of approval from the Contracting Officer's Representative (COR).

(3) Reimbursement to the contractor for per diem shall be limited to payments to employees for authorized per diem, as described above, not to exceed the authorized per diem. Fractional parts of a day shall be payable on a prorated basis for purposes of billing for per diem charges attributed to subsistence on days of travel. Fractional billing shall be on a 1/4, 1/2, and 3/4 basis. The contractor shall retain supporting documentation for per diem paid to employees as evidence of actual payments, as required by the FAR 52.216-7 "Allowable Cost and Payment" clause of the contract.

[The phrase "as required by the FAR 52.216-7 Allowable Cost and Payment clause of the contract" in subparagraph (c)(3) shall be deleted, when this clause is used in fixed price contracts, time-and-material or labor-hour contracts, commercial item contracts awarded under FAR Part 12, task orders for information technology professional services issued under Federal Supply Schedule contracts, or in blanket purchase agreements for information technology professional services issued under Federal Supply Schedule contracts.]

(d) Transportation

(1) For transportation other than described in subparagraph (d)(5) below, the contractor shall be paid on the basis of actual amounts paid to the extent that such transportation is necessary for the performance of work under the contract and is authorized in writing by the Government. If this contract is a definite or indefinite delivery contract, then the written Government authorization will be by task/delivery orders issued by the Ordering Officer or by a modification to an issued task/delivery order. If this contract is not a definite or indefinite delivery contract, then the written Government authorization will be by written notice of approval from the Contracting Officer's Representative (COR).

(2) When transportation by privately owned conveyance is authorized, the contractor shall be paid on a mileage basis not to exceed the applicable Government transportation rate specified in the travel regulations cited in FAR 31.205-46(a)(2) and is authorized in writing by the Government. If this contract is a definite or indefinite delivery contract, then the written Government authorization will be by task/delivery orders issued by the Ordering Officer or by a modification to an issued task/delivery order. If this contract is not a definite or indefinite delivery contract, then the written Government authorization will be by written notice of approval from the Contracting Officer's Representative (COR).

(3) The contractor agrees, in the performance of necessary travel, to use the lowest cost mode commensurate with the requirements of the mission and in accordance with good traffic management principles. When it is necessary to use air or rail travel, the contractor agrees to use coach, tourist class or similar accommodations to the extent consistent with the successful and economical accomplishment of the mission for which the travel is being performed. Documentation must be provided to substantiate non-availability of coach or tourist if business or first class is proposed to accomplish travel requirements.

(4) The contractor's invoices shall include evidence, such as receipts, substantiating actual costs incurred for authorized travel. Such payments shall never exceed the rates of common carrier.

(5) The contractor shall not be paid for travel mileage for contractor personnel who reside in the metropolitan area in which the services are being performed. Travel mileage shall not be paid for services performed at the contractor's home facility or at any location within a driving radius of 50 miles from the contractor's home facility.

H-355 CONTRACTOR IDENTIFICATION

(a) Contractor employees must be clearly identifiable while on Government property by wearing appropriate badges.

(b) Contractor employees are required to clearly identify themselves and the company they work for whenever making contact with Government personnel by telephone or other electronic means.

SECTION I Contract Clauses

CLAUSES INCORPORATED BY REFERENCE:

| | | |
|-----------------|--|----------|
| 52.202-1 | Definitions | OCT 1995 |
| 52.203-3 | Gratuities | APR 1984 |
| 52.203-5 | Covenant Against Contingent Fees | APR 1984 |
| 52.203-6 | Restrictions On Subcontractor Sales To The Government | JUL 1995 |
| 52.203-7 | Anti-Kickback Procedures | JUL 1995 |
| 52.203-8 | Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity | JAN 1997 |
| 52.203-10 | Price Or Fee Adjustment For Illegal Or Improper Activity | JAN 1997 |
| 52.203-12 | Limitation On Payments To Influence Certain Federal Transactions | JUN 1997 |
| 52.204-4 | Printing/Copying Double-Sided on Recycled Paper | AUG 2000 |
| 52.209-6 | Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment | JUL 1995 |
| 52.211-15 | Defense Priority And Allocation Requirements | SEP 1990 |
| 52.215-2 | Audit and Records--Negotiation | JUN 1999 |
| 52.215-8 | Order of Precedence--Uniform Contract Format | OCT 1997 |
| 52.215-11 | Price Reduction for Defective Cost or Pricing Data--Modifications | OCT 1997 |
| 52.215-13 | Subcontractor Cost or Pricing Data--Modifications | OCT 1997 |
| 52.215-21 | Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data--Modifications | OCT 1997 |
| 52.217-8 | Option To Extend Services | NOV 1999 |
| 52.219-8 | Utilization of Small Business Concerns | OCT 1999 |
| 52.219-9 | Small Business Subcontracting Plan | OCT 1999 |
| 52.219-9 Alt II | Small Business Subcontracting Plan (Oct 1999) Alternate II | JAN 1999 |
| 52.222-2 | Payment For Overtime Premiums | JUL 1990 |
| 52.222-3 | Convict Labor | AUG 1996 |
| 52.222-4 | Contract Work Hours and Safety Standards Act - Overtime Compensation | SEP 2000 |
| 52.222-26 | Equal Opportunity | FEB 1999 |
| 52.222-35 | Affirmative Action For Disabled Veterans And Veterans of the Vietnam Era | APR 1998 |
| 52.222-37 | Employment Reports On Disabled Veterans And Veterans Of The Vietnam Era | JAN 1999 |
| 52.222-41 | Service Contract Act Of 1965, As Amended | MAY 1989 |
| 52.222-42 | Statement Of Equivalent Rates For Federal Hires | MAY 1989 |
| 52.222-43 | Fair Labor Standards Act And Service Contract Act - Price Adjustment (Multiple Year And Option) | MAY 1989 |
| 52.222-49 | Service Contract Act -- Place Of Performance Unknown | MAY 1989 |
| 52.223-5 | Pollution Prevention and Right-to-Know Information | APR 1998 |
| 52.223-6 | Drug Free Workplace | JAN 1997 |
| 52.223-14 | Toxic Chemical Release Reporting | OCT 2000 |
| 52.225-13 | Restrictions on Certain Foreign Purchases | JUL 2000 |
| 52.226-1 | Utilization Of Indian Organizations And Indian-Owned Economic Enterprises | JUN 2000 |
| 52.232-7 | Payments Under Time-And-Materials And Labor Hour Contracts | MAR 2000 |
| 52.232-9 | Limitation On Withholding Of Payments | APR 1984 |
| 52.232-17 | Interest | JUN 1996 |
| 52.232-23 | Assignment Of Claims | JAN 1986 |
| 52.232-23 Alt I | Assignment of Claims (Jan 1986) - Alternate I | APR 1984 |

| | | |
|-----------------|--|----------|
| 52.232-25 | Prompt Payment | JUN 1997 |
| 52.232-33 | Payment by Electronic Funds Transfer--Central Contractor Registration | MAY 1999 |
| 52.233-1 | Disputes | DEC 1998 |
| 52.233-3 | Protest After Award | AUG 1996 |
| 52.237-3 | Continuity Of Services | JAN 1991 |
| 52.242-13 | Bankruptcy | JUL 1995 |
| 52.243-3 | Changes--Time-And-Material Or Labor-Hours | SEP 2000 |
| 52.244-6 | Subcontracts for Commercial Items and Commercial Components | OCT 1998 |
| 52.245-1 | Property Records | APR 1984 |
| 52.246-25 | Limitation Of Liability--Services | FEB 1997 |
| 52.249-6 Alt IV | Termination (Cost Reimbursement) (Sep 1996) - Alternate IV | SEP 1996 |
| 52.249-14 | Excusable Delays | APR 1984 |
| 52.253-1 | Computer Generated Forms | JAN 1991 |
| 252.201-7000 | Contracting Officer's Representative | DEC 1991 |
| 252.203-7001 | Prohibition On Persons Convicted of Fraud or Other Defense-Contract-Related Felonies | MAR 1999 |
| 252.203-7002 | Display Of DOD Hotline Poster | DEC 1991 |
| 252.204-7003 | Control Of Government Personnel Work Product | APR 1992 |
| 252.204-7004 | Required Central Contractor Registration | MAR 2000 |
| 252.205-7000 | Provisions Of Information To Cooperative Agreement Holders | DEC 1991 |
| 252.209-7000 | Acquisition From Subcontractors Subject To On-Site Inspection Under The Intermediate Range Nuclear Forces (INF) Treaty | NOV 1995 |
| 252.215-7000 | Pricing Adjustments | DEC 1991 |
| 252.219-7003 | Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (DOD Contracts) | APR 1996 |
| 252.222-7002 | Compliance With Local Labor Laws (Overseas) | JUN 1997 |
| 252.223-7004 | Drug Free Work Force | SEP 1988 |
| 252.223-7006 | Prohibition On Storage And Disposal Of Toxic And Hazardous Materials | APR 1993 |
| 252.225-7001 | Buy American Act And Balance Of Payments Program | MAR 1998 |
| 252.225-7002 | Qualifying Country Sources As Subcontractors | DEC 1991 |
| 252.225-7009 | Duty-Free Entry--Qualifying Country Supplies (End Products and Components) | MAR 1998 |
| 252.225-7012 | Preference For Certain Domestic Commodities | MAY 1999 |
| 252.225-7026 | Reporting Of Contract Performance Outside The United States | JUN 2000 |
| 252.225-7031 | Secondary Arab Boycott Of Israel | JUN 1992 |
| 252.225-7041 | Correspondence in English | JUN 1997 |
| 252.225-7042 | Authorization to Perform | JUN 1997 |
| 252.232-7008 | Assignment of Claims (Overseas) | JUN 1997 |
| 252.233-7001 | Choice of Law (Overseas) | JUN 1997 |
| 252.243-7002 | Requests for Equitable Adjustment | MAR 1998 |
| 252.247-7023 | Transportation of Supplies by Sea | MAR 2000 |
| 252.247-7024 | Notification Of Transportation Of Supplies By Sea | MAR 2000 |

CLAUSES INCORPORATED BY FULL TEXT

52.216-18 ORDERING. (OCT 1995)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from **date of award** through **one year later**.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

52.216-19 ORDER LIMITATIONS. (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than **\$1,000.00** (insert dollar figure or quantity), the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor:

(1) Any order for a single item in excess of \$1,000,000.00 (insert dollar figure or quantity);

(2) Any order for a combination of items in excess of **\$2,000,000.00** (insert dollar figure or quantity); or

(3) A series of orders from the same ordering office within **5** days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within **3** days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

52.216-22 INDEFINITE QUANTITY. (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum". The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum".

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after **180 days after expiration of the contract**.

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days (insert the period of time within which the Contracting Officer may exercise the option); provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days (60 days unless a different number of days is inserted) before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 42 months.

52.248-1 VALUE ENGINEERING (FEB 2000)

(a) General. The Contractor is encouraged to develop, prepare, and submit value engineering change proposals (VECP's) voluntarily. The Contractor shall share in any net acquisition savings realized from accepted VECP's, in accordance with the incentive sharing rates in paragraph (f) below.

(b) Definitions. "**Acquisition** savings," as used in this clause, means savings resulting from the application of a VECP to contracts awarded by the same contracting office or its successor for essentially the same unit. Acquisition savings include--

(1) Instant contract savings, which are the net cost reductions on this, the instant contract, and which are equal to the instant unit cost reduction multiplied by the number of instant contract units affected by the VECP, less the Contractor's allowable development and implementation costs;

(2) Concurrent contract savings, which are net reductions in the prices of other contracts that are definitized and ongoing at the time the VECP is accepted; and

(3) Future contract savings, which are the product of the future unit cost reduction multiplied by the number of future contract units in the sharing base. On an instant contract, future contract savings include savings on increases in quantities after VECP acceptance that are due to contract modifications, exercise of options, additional orders, and funding of subsequent year requirements on a multiyear contract.

"Collateral costs," as used in this clause, means agency cost of operation, maintenance, logistic support, or Government-furnished property.

"Collateral savings," as used in this clause, means those measurable net reductions resulting from a VECP in the agency's overall projected collateral costs, exclusive of acquisition savings, whether or not the acquisition cost changes.

"Contracting office" includes any contracting office that the acquisition is transferred to, such as another branch of the agency or another agency's office that is performing a joint acquisition action.

"Contractor's development and implementation costs," as used in this clause, means those costs the Contractor incurs on a VECP specifically in developing, testing, preparing, and submitting the VECP, as well as those costs the Contractor incurs to make the contractual changes required by Government acceptance of a VECP.

"Future unit cost reduction," as used in this clause, means the instant unit cost reduction adjusted as the Contracting Officer considers necessary for projected learning or changes in quantity during the sharing period. It is calculated at the time the VECP is accepted and applies either (1) throughout the sharing period, unless the Contracting Officer decides that recalculation is necessary because conditions are significantly different from those previously anticipated or (2) to the calculation of a lump-sum payment, which cannot later be revised.

"Government costs," as used in this clause, means those agency costs that result directly from developing and implementing the VECP, such as any net increases in the cost of testing, operations, maintenance, and logistics support. The term does not include the normal administrative costs of processing the VECP or any increase in this contract's cost or price resulting from negative instant contract savings.

"Instant contract," as used in this clause, means this contract, under which the VECP is submitted. It does not include increases in quantities after acceptance of the VECP that are due to contract modifications, exercise of options, or additional orders. If this is a multiyear contract, the term does not include quantities funded after VECP acceptance. If this contract is a fixed-price contract with prospective price redetermination, the term refers to the period for which firm prices have been established.

"Instant unit cost reduction" means the amount of the decrease in unit cost of performance (without deducting any Contractor's development or implementation costs) resulting from using the VECP on this, the instant contract. If this is a service contract, the instant unit cost reduction is normally equal to the number of hours per line-item task saved by using the VECP on this contract, multiplied by the appropriate contract labor rate.

"Negative instant contract savings" means the increase in the cost or price of this contract when the acceptance of a VECP results in an excess of the Contractor's allowable development and implementation costs over the product of the instant unit cost reduction multiplied by the number of instant contract units affected.

"Net acquisition savings" means total acquisition savings, including instant, concurrent, and future contract savings, less Government costs.

"Sharing base," as used in this clause, means the number of affected end items on contracts of the contracting office accepting the VECP.

Sharing period, as used in this clause, means the period beginning with acceptance of the first unit incorporating the VECP and ending at a calendar date or event determined by the contracting officer for each VECP.

"Unit," as used in this clause, means the item or task to which the Contracting Officer and the Contractor agree the VECP applies.

"Value engineering change proposal (VECP)" means a proposal that--

(1) Requires a change to this, the instant contract, to implement; and

(2) Results in reducing the overall projected cost to the agency without impairing essential functions or characteristics; provided, that it does not involve a change--

(i) In deliverable end item quantities only;

(ii) In research and development (R&D) end items or R&D test quantities that is due solely to results of previous testing under this contract; or

(iii) To the contract type only.

(c) VECP preparation. As a minimum, the Contractor shall include in each VECP the information described in subparagraphs (1) through (8) below. If the proposed change is affected by contractually required configuration management or similar procedures, the instructions in those procedures relating to format, identification, and priority assignment shall govern VECP preparation. The VECP shall include the following:

(1) A description of the difference between the existing contract requirement and the proposed requirement, the comparative advantages and disadvantages of each, a justification when an item's function or characteristics are being altered, the effect of the change on the end item's performance, and any pertinent objective test data.

(2) A list and analysis of the contract requirements that must be changed if the VECP is accepted, including any suggested specification revisions.

(3) Identification of the unit to which the VECP applies.

(4) A separate, detailed cost estimate for (i) the affected portions of the existing contract requirement and (ii) the VECP. The cost reduction associated with the VECP shall take into account the Contractor's allowable development and implementation costs, including any amount attributable to subcontracts under the Subcontracts paragraph of this clause, below.

(5) A description and estimate of costs the Government may incur in implementing the VECP, such as test and evaluation and operating and support costs.

(6) A prediction of any effects the proposed change would have on collateral costs to the agency.

(7) A statement of the time by which a contract modification accepting the VECP must be issued in order to achieve the maximum cost reduction, noting any effect on the contract completion time or delivery schedule.

(8) Identification of any previous submissions of the VECP, including the dates submitted, the agencies and contract numbers involved, and previous Government actions, if known.

(d) Submission. The Contractor shall submit VECP's to the Contracting Officer, unless this contract states otherwise. If this contract is administered by other than the contracting office, the Contractor shall submit a copy of the VECP simultaneously to the Contracting Officer and to the Administrative Contracting Officer.

(e) Government action. (1) The Contracting Officer will notify the Contractor of the status of the VECP within 45 calendar days after the contracting office receives it. If additional time is required, the Contracting Officer will notify the Contractor within the 45-day period and provide the reason for the delay and the expected date of the decision. The Government will process VECP's expeditiously; however, it shall not be liable for any delay in acting upon a VECP.

(2) If the VECP is not accepted, the Contracting Officer will notify the Contractor in writing, explaining the reasons for rejection. The Contractor may withdraw any VECP, in whole or in part, at any time before it is accepted by the Government. The Contracting Officer may require that the Contractor provide written notification before undertaking significant expenditures for VECP effort.

(3) Any VECP may be accepted, in whole or in part, by the Contracting Officer's award of a modification to this contract citing this clause and made either before or within a reasonable time after contract performance is completed. Until such a contract modification applies a VECP to this contract, the Contractor shall perform in accordance with the existing contract. The decision to accept or reject all or part of any VECP is a unilateral decision made solely at the discretion of the Contracting Officer.

(f) Sharing rates. If a VECP is accepted, the Contractor shall share in net acquisition savings according to the percentages shown in the table below. The percentage paid the Contractor depends upon (1) this contract's type (fixed-price, incentive, or cost-reimbursement), (2) the sharing arrangement specified in paragraph (a) above (incentive, program requirement, or a combination as delineated in the Schedule), and (3) the source of the savings (the instant contract, or concurrent and future contracts), as follows:

Contractor's Share of Net Acquisition Savings

[Figures in Percent]

Sharing arrangement

| Contract type | Incentive (voluntary) | Program requirement (mandatory) |
|---------------|-----------------------|---------------------------------|
| | ----- | ----- |

| | Con-current and | | Con-current and | |
|--|-----------------|-----------------|-----------------|-----------------|
| | Instant | future contract | Instant | future contract |
| | contract rate | rate | contract rate | rate |
| Fixed-price (includes fixed-price-award-fee; excludes other fixed-price incentive contracts)..... | \1\ 50 | \1\ 50 | 25 | 25 |
| Incentive (fixed-price or cost) (other than award fee)..... | (\2\) | \1\ 50 | (\2\) | 25 |
| Cost-reimbursement (includes cost-plus-award-fee; excludes other cost-type incentive contracts)..... | \3\ 25 | \3\ 25 | 15 | 15 |

\1\ The Contracting Officer may increase the Contractor's sharing rate to as high as 75 percent for each VECP.

\2\ Same sharing arrangement as the contract's profit or fee adjustment formula.

\3\ The Contracting Officer may increase the Contractor's sharing rate to as high as 50 percent for each VECP.

(g) Calculating net acquisition savings.

(1) Acquisition savings are realized when (i) the cost or price is reduced on the instant contract, (ii) reductions are negotiated in concurrent contracts, (iii) future contracts are awarded, or (iv) agreement is reached on a lump-sum payment for future contract savings (see subparagraph (i)(4) below). Net acquisition savings are first realized, and the Contractor shall be paid a share, when Government costs and any negative instant contract savings have been fully offset against acquisition savings.

(2) Except in incentive contracts, Government costs and any price or cost increases resulting from negative instant contract savings shall be offset against acquisition savings each time such savings are realized until they are fully offset. Then, the Contractor's share is calculated by multiplying net acquisition savings by the appropriate Contractor's percentage sharing rate (see paragraph (f) above). Additional Contractor shares of net acquisition savings shall be paid to the Contractor at the time realized.

(3) If this is an incentive contract, recovery of Government costs on the instant contract shall be deferred and offset against concurrent and future contract savings. The Contractor shall share through the contract incentive structure in savings on the instant contract items affected. Any negative instant contract savings shall be added to the target cost or to the target price and ceiling price, and the amount shall be offset against concurrent and future contract savings.

(4) If the Government does not receive and accept all items on which it paid the Contractor's share, the Contractor shall reimburse the Government for the proportionate share of these payments.

(h) Contract adjustment. The modification accepting the VECP (or a subsequent modification issued as soon as possible after any negotiations are completed) shall--

(1) Reduce the contract price or estimated cost by the amount of instant contract savings, unless this is an incentive contract;

(2) When the amount of instant contract savings is negative, increase the contract price, target price and ceiling price, target cost, or estimated cost by that amount;

(3) Specify the Contractor's dollar share per unit on future contracts, or provide the lump-sum payment;

(4) Specify the amount of any Government costs or negative instant contract savings to be offset in determining net acquisition savings realized from concurrent or future contract savings; and

(5) Provide the Contractor's share of any net acquisition savings under the instant contract in accordance with the following:

(i) Fixed-price contracts--add to contract price.

(ii) Cost-reimbursement contracts--add to contract fee.

(i) Concurrent and future contract savings.

(1) Payments of the Contractor's share of concurrent and future contract savings shall be made by a modification to the instant contract in accordance with subparagraph (h)(5) above. For incentive contracts, shares shall be added as a separate firm-fixed-price line item on the instant contract. The Contractor shall maintain records adequate to identify the first delivered unit for 3 years after final payment under this contract.

(2) The Contracting Officer shall calculate the Contractor's share of concurrent contract savings by (i) subtracting from the reduction in price negotiated on the concurrent contract any Government costs or negative instant contract savings not yet offset and (ii) multiplying the result by the Contractor's sharing rate.

(3) The Contracting Officer shall calculate the Contractor's share of future contract savings by (i) multiplying the future unit cost reduction by the number of future contract units scheduled for delivery during the sharing period, (ii) subtracting any Government costs or negative instant contract savings not yet offset, and (iii) multiplying the result by the Contractor's sharing rate.

(4) When the Government wishes and the Contractor agrees, the Contractor's share of future contract savings may be paid in a single lump sum rather than in a series of payments over time as future contracts are awarded. Under this alternate procedure, the future contract savings may be calculated when the VECP is accepted, on the basis of the Contracting Officer's forecast of the number of units that will be delivered during the sharing period. The Contractor's share shall be included in a modification to this contract (see subparagraph (h)(3) above) and shall not be subject to subsequent adjustment.

(5) Alternate no-cost settlement method. When, in accordance with subsection 48.104-4 of the Federal Acquisition Regulation, the Government and the Contractor mutually agree to use the no-cost settlement method, the following applies:

(i) The Contractor will keep all the savings on the instant contract and on its concurrent contracts only.

(ii) The Government will keep all the savings resulting from concurrent contracts placed on other sources, savings from all future contracts, and all collateral savings.

(j) Collateral savings. If a VECP is accepted, the Contracting Officer will increase the instant contract amount, as specified in paragraph (h)(5) of this clause, by a rate from 20 to 100 percent, as determined by the Contracting Officer, of any projected collateral savings determined to be realized in a typical year of use after subtracting any Government costs not previously offset. However, the Contractor's share of collateral savings will not exceed the contract's firm-fixed-price, target price, target cost, or estimated cost, at the time the VECP is accepted, or \$100,000, whichever is greater. The Contracting Officer will be the sole determiner of the amount of collateral savings.

(k) Relationship to other incentives. Only those benefits of an accepted VECP not rewardable under performance, design-to-cost (production unit cost, operating and support costs, reliability and maintainability), or similar incentives shall be rewarded under this clause. However, the targets of such incentives affected by the VECP shall not be adjusted because of VECP acceptance. If this contract specifies targets but provides no incentive to surpass them, the value engineering sharing shall apply only to the amount of achievement better than target.

(l) Subcontracts. The Contractor shall include an appropriate value engineering clause in any subcontract of \$100,000 or more and may include one in subcontracts of lesser value. In calculating any adjustment in this

contract's price for instant contract savings (or negative instant contract savings), the Contractor's allowable development and implementation costs shall include any subcontractor's allowable development and implementation costs, and any value engineering incentive payments to a subcontractor, clearly resulting from a VECP accepted by the Government under this contract. The Contractor may choose any arrangement for subcontractor value engineering incentive payments; provided, that the payments shall not reduce the Government's share of concurrent or future contract savings or collateral savings.

(m) Data. The Contractor may restrict the Government's right to use any part of a VECP or the supporting data by marking the following legend on the affected parts:

"These data, furnished under the Value Engineering clause of contract , shall not be disclosed outside the Government or duplicated, used, or disclosed, in whole or in part, for any purpose other than to evaluate a value engineering change proposal submitted under the clause. This restriction does not limit the Government's right to use information contained in these data if it has been obtained or is otherwise available from the Contractor or from another source without limitations."

If a VECP is accepted, the Contractor hereby grants the Government unlimited rights in the VECP and supporting data, except that, with respect to data qualifying and submitted as limited rights technical data, the Government shall have the rights specified in the contract modification implementing the VECP and shall appropriately mark the data. (The terms "unlimited rights" and "limited rights" are defined in Part 27 of the Federal Acquisition Regulation.)

(End of clause)

52.251-1 GOVERNMENT SUPPLY SOURCES (APR 1984)

The Contracting Officer may issue the Contractor an authorization to use Government supply sources in the performance of this contract. Title to all property acquired by the Contractor under such an authorization shall vest in the Government unless otherwise specified in the contract. Such property shall not be considered to be "Government-furnished property," as distinguished from "Government property." The provisions of the clause entitled "Government Property," except its paragraphs (a) and (b), shall apply to all property acquired under such authorization.

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

<http://farsite.hill.af.mil/>
www.arnet.gov/far/

52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

252.229-7001 TAX RELIEF (JUN 1997)

(a) Prices set forth in this contract are exclusive of all taxes and duties from which the United States Government is exempt by virtue of tax agreements between the United States Government and the Contractor's government. The following taxes or duties have been excluded from the contract price:

NAME OF TAX: (Offeror Insert) RATE (PERCENTAGE): (Offeror Insert)

(b) The Contractor's invoice shall list separately the gross price, amount of tax deducted, and net price charged.

(c) When items manufactured to United States Government specifications are being acquired, the Contractor shall identify the materials or components intended to be imported in order to ensure that relief from import duties is obtained. If the Contractor intends to use imported products from inventories on hand, the price of which includes a factor for import duties, the Contractor shall ensure the United States Government's exemption from these taxes. The Contractor may obtain a refund of the import duties from its government or request the duty-free import of an amount of supplies or components corresponding to that used from inventory for this contract.

SECTION J LIST OF DOCUMENTS, EXHIBITS, AND ATTACHMENTS

EXHIBIT A CONTRACT DATA REQUIREMENT LIST
DD 1423

ATTACHMENT 1 WAGE DETERMINATIONS:

94-2103 REV 24
94-2473 REV 22
94-2543 REV 27

ATTACHMENT 02 CONTRACT SECURITY CLASSIFICATION SPECIFICATION
DD FORM 254 (SEE FAXED COPY)