

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
(CONTINUED)**

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
<p>SEE SCHEDULE</p>					

32a. QUANTITY IN COLUMN 21 HAS BEEN
 RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

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

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

Section SF 1449 - CONTINUATION SHEET

NOTE:

- CCR REGISTRATION REQUIRED
- IF NOT REGISTERED PLEASE VISIT www.ccr.gov
- FOB DESTINATION TO DWORSHAK DAM, AHSAHKA, IDAHO
- PRICES QUOTED MUST BE VALID FOR 30 DAYS
- TO ENSURE RECEIPT OF YOUR QUOTE PLEASE FAX TO JANI @509-527-7802
- SMALL BUSINESS SET ASIDE (NTE 500 EMPLOYEES)
- BUSINESS SIZE _____
- TAX ID # _____
- DUNS # _____
- CAGE CODE # _____
- VISIT www.nww.usace.army.mil ORGANIZATION PAGE, CONTRACTING, FOR A LISTING OF ADVERTISED SOLICITATIONS

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	15HP Station Service Air Compressor (SSAC #1)	1	Each		
	PURCHASE REQUEST NUMBER: W68SBV-4148-6374				
	FOB: Destination				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	30hp Station Service Compressor (SSAC #2 & #3)	2	Each		
	FOB: Destination				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	Desiccant Air Dryer	1	Each		
	FOB: Destination				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	Oil/Water Separator FOB: Destination	1	Each		

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005	30hp Depression Air Compressor (DAC #4 & #5) FOB: Destination	2	Each		

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006	Oil/Water Separator FOB: Destination	1	Each		

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0007	Station Service Compressed Air Equipment O&M Manuals FOB: Destination	3	Each		

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0008	Depression Compressed Air Equipment O&M Manuals FOB: Destination	3	Each		

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0009	In-Field Services FOB: Destination	1	Each		

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	15-JUL-2004	1	DWORSHAK PROJECT NORTH FORK DRIVE AHSAHKA ID 83520-0048 FOB: Destination	G4R0PD0
0002	N/A	N/A	N/A	N/A
0003	N/A	N/A	N/A	N/A
0004	N/A	N/A	N/A	N/A
0005	N/A	N/A	N/A	N/A
0006	N/A	N/A	N/A	N/A
0007	N/A	N/A	N/A	N/A
0008	N/A	N/A	N/A	N/A
0009	N/A	N/A	N/A	N/A

CLAUSES INCORPORATED BY FULL TEXT

52.212-1 INSTRUCTIONS TO OFFERORS--COMMERCIAL ITEMS (JAN 2004)

(a) North American Industry Classification System (NAICS) code and small business size standard. The NAICS code and small business size standard for this acquisition appear in Block 10 of the solicitation cover sheet (SF 1449). However, the small business size standard for a concern which submits an offer in its own name, but which proposes to furnish an item which it did not itself manufacture, is 500 employees.

(b) Submission of offers. Submit signed and dated offers to the office specified in this solicitation at or before the exact time specified in this solicitation. Offers may be submitted on the SF 1449, letterhead stationery, or as otherwise specified in the solicitation. As a minimum, offers must show--

- (1) The solicitation number;
- (2) The time specified in the solicitation for receipt of offers;
- (3) The name, address, and telephone number of the offeror;
- (4) A technical description of the items being offered in sufficient detail to evaluate compliance with the requirements in the solicitation. This may include product literature, or other documents, if necessary;
- (5) Terms of any express warranty;

- (6) Price and any discount terms;
 - (7) "Remit to" address, if different than mailing address;
 - (8) A completed copy of the representations and certifications at FAR 52.212-3;
 - (9) Acknowledgment of Solicitation Amendments;
 - (10) Past performance information, when included as an evaluation factor, to include recent and relevant contracts for the same or similar items and other references (including contract numbers, points of contact with telephone numbers and other relevant information); and
 - (11) If the offer is not submitted on the SF 1449, include a statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation. Offers that fail to furnish required representations or information, or reject the terms and conditions of the solicitation may be excluded from consideration.
- (c) Period for acceptance of offers. The offeror agrees to hold the prices in its offer firm for 30 calendar days from the date specified for receipt of offers, unless another time period is specified in an addendum to the solicitation.
- (d) Product samples. When required by the solicitation, product samples shall be submitted at or prior to the time specified for receipt of offers. Unless otherwise specified in this solicitation, these samples shall be submitted at no expense to the Government, and returned at the sender's request and expense, unless they are destroyed during preaward testing.
- (e) Multiple offers. Offerors are encouraged to submit multiple offers presenting alternative terms and conditions or commercial items for satisfying the requirements of this solicitation. Each offer submitted will be evaluated separately.
- (f) Late submissions, modifications, revisions, and withdrawals of offers:
- (1) Offerors are responsible for submitting offers, and any modifications, revisions, or withdrawals, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that offers or revisions are due.
 - (2)(i) Any offer, modification, revision, or withdrawal of an offer received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--
 - (A) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of offers; or
 - (B) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or
 - (C) If this solicitation is a request for proposals, it was the only proposal received.
 - (ii) However, a late modification of an otherwise successful offer, that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(3) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the offer wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(4) If an emergency or unanticipated event interrupts normal Government processes so that offers cannot be received at the Government office designated for receipt of offers by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation or other notice of an extension of the closing date, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(5) Offers may be withdrawn by written notice received at any time before the exact time set for receipt of offers. Oral offers in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile offers, offers may be withdrawn via facsimile received at any time before the exact time set for receipt of offers, subject to the conditions specified in the solicitation concerning facsimile offers. An offer may be withdrawn in person by an offeror or its authorized representative if, before the exact time set for receipt of offers, the identity of the person requesting withdrawal is established and the person signs a receipt for the offer.

(g) Contract award (not applicable to Invitation for Bids). The Government intends to evaluate offers and award a contract without discussions with offerors. Therefore, the offeror's initial offer should contain the offeror's best terms from a price and technical standpoint. However, the Government reserves the right to conduct discussions if later determined by the Contracting Officer to be necessary. The Government may reject any or all offers if such action is in the public interest; accept other than the lowest offer; and waive informalities and minor irregularities in offers received.

(h) Multiple awards. The Government may accept any item or group of items of an offer, unless the offeror qualifies the offer by specific limitations. Unless otherwise provided in the Schedule, offers may not be submitted for quantities less than those specified. The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit prices offered, unless the offeror specifies otherwise in the offer.

(i) Availability of requirements documents cited in the solicitation. (1) The Index of Federal Specifications, Standards and Commercial Item Descriptions and the documents listed in it may be obtained from the General Services Administration, Federal Supply Service Bureau, Specifications Section, Suite 8100, 470 L'Enfant Plaza, SW, Washington, DC 20407 ((202) 619-8925).

(2) The DOD Index of Specifications and Standards (DODISS) and documents listed in it may be obtained from the Standardization Documents Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 (telephone (215) 697-2569).

(i) Availability of requirements documents cited in the solicitation. (1)(i) The GSA Index of Federal Specifications, Standards and Commercial Item Descriptions, FPMR Part 101-29, and copies of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained for a fee by submitting a request to--GSA Federal Supply Service Specifications Section, Suite 8100, 470 East L'Enfant Plaza, SW, Washington, DC 20407, Telephone (202) 619-8925, Facsimile (202) 619-8978.

(ii) If the General Services Administration, Department of Agriculture, or Department of Veterans Affairs issued this solicitation, a single copy of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained free of charge by submitting a request to the addressee in paragraph (i)(1)(i) of this provision. Additional copies will be issued for a fee.

(2) The DoD Index of Specifications and Standards (DoDISS) and documents listed in it may be obtained from the--Department of Defense Single Stock Point (DoDSSP), Building 4, Section D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2667/2179, Facsimile (215) 697-1462.

(i) Automatic distribution may be obtained on a subscription basis.

(ii) Order forms, pricing information, and customer support information may be obtained--

(A) By telephone at (215) 697-2667/2179; or

(B) Through the DoDSSP Internet site at <http://dodssp.daps.mil>.

(3) Nongovernment (voluntary) standards must be obtained from the organization responsible for their preparation, publication, or maintenance.

(j) Data Universal Numbering System (DUNS) Number. (Applies to all offers exceeding \$25,000, and offers of \$25,000 or less if the solicitation requires the Contractor to be registered in the Central Contractor Registration (CCR) database. The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address. The DUNS +4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see FAR Subpart 32.11) for the same parent concern. If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. An offeror within the United States may contact Dun and Bradstreet by calling 1-866-705-5711 or via the internet at <http://www.dnb.com>. An offeror located outside the United States must contact the local Dun and Bradstreet office for a DUNS number.

(k) Central Contractor Registration. Unless exempted by an addendum to this solicitation, by submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance and through final payment of any contract resulting from this solicitation. If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror. Offerors may obtain information on registration and annual confirmation requirements via the Internet at <http://www.ccr.gov> or by calling 1-888-227-2423 or 269-961-5757.

(l) Debriefing. If a post-award debriefing is given to requesting offerors, the Government shall disclose the following information, if applicable:

- (1) The agency's evaluation of the significant weak or deficient factors in the debriefed offeror's offer.
- (2) The overall evaluated cost or price and technical rating of the successful and the debriefed offeror and past performance information on the debriefed offeror.
- (3) The overall ranking of all offerors, when any ranking was developed by the agency during source selection.
- (4) A summary of the rationale for award;
- (5) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.
- (6) Reasonable responses to relevant questions posed by the debriefed offeror as to whether source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities were followed by the agency.

(End of provision)

52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (JAN 2004)

(a) Definitions. As used in this provision:

"Emerging small business" means a small business concern whose size is no greater than 50 percent of the numerical size standard for the NAICS code designated.

"Forced or indentured child labor" means all work or service-

(1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or

(2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

Veteran-owned small business concern means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern--

(1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; or

(2) Whose management and daily business operations are controlled by one or more women.

"Women-owned business concern" means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to a central contractor registration database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (b)(3) through (b)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) Taxpayer Identification Number (TIN).

___ TIN:-----

___ TIN has been applied for.

___ TIN is not required because:

___ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

Offeror is an agency or instrumentality of a foreign government;

___ Offeror is an agency or instrumentality of the Federal Government.

(4) Type of organization.

___ Sole proprietorship;

___ Partnership;

___ Corporate entity (not tax-exempt);

___ Corporate entity (tax-exempt);

___ Government entity (Federal, State, or local);

___ Foreign government;

___ International organization per 26 CFR 1.6049-4;

___ Other-----

(5) Common parent.

___ Offeror is not owned or controlled by a common parent;

___ Name and TIN of common parent:

Name-----

TIN-----

(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.

(1) Small business concern. The offeror represents as part of its offer that it () is, () is not a small business concern.

(2) Veteran-owned small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents as part of its offer that it () is, () is not a veteran-owned small business concern.

(3) Service-disabled veteran-owned small business concern. (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.) The offeror represents as part of its offer that it () is, () is not a service-disabled veteran-owned small business concern.

(4) Small disadvantaged business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents, for general statistical purposes, that it () is, () is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) Women-owned small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents that it () is, () is not a women-owned small business concern.

Note: Complete paragraphs (c)(6) and (c)(7) only if this solicitation is expected to exceed the simplified acquisition threshold.

(6) Women-owned business concern (other than small business concern). (Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents that it () is, a women-owned business concern.

(7) Tie bid priority for labor surplus area concerns. If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

(8) Small Business Size for the Small Business Competitiveness Demonstration Program and for the Targeted Industry Categories under the Small Business Competitiveness Demonstration Program. (Complete only if the offeror has represented itself to be a small business concern under the size standards for this solicitation.)

(i) (Complete only for solicitations indicated in an addendum as being set-aside for emerging small businesses in one of the four designated industry groups (DIGs).) The offeror represents as part of its offer that it () is, () is not an emerging small business.

(ii) (Complete only for solicitations indicated in an addendum as being for one of the targeted industry categories (TICs) or four designated industry groups (DIGs).) Offeror represents as follows:

(A) Offeror's number of employees for the past 12 months (check the Employees column if size standard stated in the solicitation is expressed in terms of number of employees); or

(B) Offeror's average annual gross revenue for the last 3 fiscal years (check the Average Annual Gross Number of Revenues column if size standard stated in the solicitation is expressed in terms of annual receipts).

(Check one of the following):

Average Annual

Number of Employees Gross Revenues

50 or fewer \$1 million or less

51 - 100 \$1,000,001 - \$2 million

101 - 250 \$2,000,001 - \$3.5 million

251 - 500 \$3,500,001 - \$5 million

501 - 750 \$5,000,001 - \$10 million

751 - 1,000 \$10,000,001 - \$17 million

Over 1,000 Over \$17 million

(9) (Complete only if the solicitation contains the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns or FAR 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting, and the offeror desires a benefit based on its disadvantaged status.)

(i) General. The offeror represents that either--

(A) It () is, () is not certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or

(B) It () has, () has not submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(ii) Joint Ventures under the Price Evaluation Adjustment for Small Disadvantaged Business Concerns. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(7)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. (The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _____.)

(10) HUBZone small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents, as part of its offer, that--

(i) It () is, () is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It () is, () is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. (The offeror shall enter the name or names of the HUBZone small business

concern or concerns that are participating in the joint venture:_____.) Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(d) Certifications and representations required to implement provisions of Executive Order 11246--

(1) Previous Contracts and Compliance. The offeror represents that--

(i) It () has, () has not, participated in a previous contract or subcontract subject either to the Equal Opportunity clause of this solicitation, the and

(ii) It () has, () has not, filed all required compliance reports.

(2) Affirmative Action Compliance. The offeror represents that--

(i) It () has developed and has on file, () has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR Subparts 60-1 and 60-2), or

(ii) It () has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$100,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.

(f) Buy American Act Certificate. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act --Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products. The terms ``component," ``domestic end product," ``end product," ``foreign end product," and ``United States" are defined in the clause of this solicitation entitled ``Buy American Act--Supplies."

(2) Foreign End Products:

Line Item No.:-----

Country of Origin:-----

(List as necessary)

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)(1) Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate. (Applies only if the clause at FAR 52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms ``component," ``domestic end

product," "end product," "foreign end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act."

(ii) The offeror certifies that the following supplies are FTA country end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act":

FTA Country or Israeli End Products

Line Item No.:-----
Country of Origin:-----

(List as necessary)

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) of this provision) as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act." The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products.

Other Foreign End Products

Line Item No.:-----
Country of Origin:-----

(List as necessary)

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate I (Jan 2004). If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act":

Canadian End Products:

Line Item No.

(List as necessary)

(3) Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate II (Jan 2004). If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act":

Canadian or Israeli End Products:

Line Item No.

Country of Origin

(List as necessary)

(4) Trade Agreements Certificate. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(4)(ii) of this provision, is a U.S.-made, designated country, Caribbean Basin country, or FTA country end product, as defined in the clause of this solicitation entitled "Trade Agreements."

(ii) The offeror shall list as other end products those end products that are not U.S.-made, designated country, Caribbean Basin country, or FTA country end products.

Other End Products

Line Item No.:-----
Country of Origin:-----

(List as necessary)

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items subject to the Trade Agreements Act, the Government will evaluate offers of U.S.-made, designated country, Caribbean Basin country, or NAFTA country end products without regard to the restrictions of the Buy American Act. The Government will consider for award only offers of U.S.-made, designated country, Caribbean Basin country, or NAFTA country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) Certification Regarding Debarment, Suspension or Ineligibility for Award (Executive Order 12549). The offeror certifies, to the best of its knowledge and belief, that --

(1) The offeror and/or any of its principals () are, () are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency, and

(2) () Have, () have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and () are, () are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses.

(i) Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126). [The Contracting Officer must list in paragraph (j)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).]

(1) Listed End Product

Listed End Product	Listed Countries of Origin:
.	.
.	.
.	.

(2) Certification. [If the Contracting Officer has identified end products and countries of origin in paragraph (j)(1) of this provision, then the offeror must certify to either (j)(2)(i) or (j)(2)(ii) by checking the appropriate block.]

() (i) The offeror will not supply any end product listed in paragraph (j)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

() (ii) The offeror may supply an end product listed in paragraph (j)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(End of provision)

52.212-4 CONTRACT TERMS AND CONDITIONS-- COMMERCIAL ITEMS (OCT 2003)

(a) Inspection/Acceptance. The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its post-acceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(b) Assignment. The Contractor or its assignee may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (e.g., use of the Governmentwide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.

(c) Changes. Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

(d) Disputes. This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613). Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.

(e) Definitions. The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.

(f) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement or any

excusable delay, setting for the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(g) Invoice. (1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized) to the address designated in the contract to receive invoices. An invoice must include--

(i) Name and address of the Contractor;

(ii) Invoice date and number;

(iii) Contract number, contract line item number and, if applicable, the order number;

(iv) Description, quantity, unit of measure, unit price and extended price of the items delivered;

(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading;

(vi) Terms of any discount for prompt payment offered;

(vii) Name and address of official to whom payment is to be sent;

(viii) Name, title, and phone number of person to notify in event of defective invoice; and

(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract.

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause (e.g., 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration, or 52.232-34, Payment by Electronic Funds Transfer--Other Than Central Contractor Registration), or applicable agency procedures.

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.

(2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR part 1315.

(h) Patent indemnity. The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

(i) Payment.--

(1) Items accepted. Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.

(2) Prompt payment. The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR part 1315.

(3) Electronic Funds Transfer (EFT). If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.

(4) Discount. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.

(5) Overpayments. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall immediately notify the Contracting Officer and request instructions for disposition of the overpayment.

(j) Risk of loss. Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:

(1) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or

(2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is f.o.b. destination.

(k) Taxes. The contract price includes all applicable Federal, State, and local taxes and duties.

(l) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.

(m) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(n) Title. Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.

(o) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(p) Limitation of liability. Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.

(q) Other compliances. The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

(r) Compliance with laws unique to Government contracts. The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C. 327, et seq., Contract Work Hours and Safety Standards Act; 41 U.S.C. 51-58, Anti-Kickback Act of 1986; 41 U.S.C. 265 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C. 40118, Fly American; and 41 U.S.C. 423 relating to procurement integrity.

(s) Order of precedence. Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order: (1) the schedule of supplies/services; (2) the Assignments, Disputes, Payments, Invoice, Other Compliances, and Compliance with Laws Unique to Government Contracts paragraphs of this clause; (3) the clause at 52.212-5; (4) addenda to this solicitation or contract, including any license agreements for computer software; (5) solicitation provisions if this is a solicitation; (6) other paragraphs of this clause; (7) the Standard Form 1449; (8) other documents, exhibits, and attachments; and (9) the specification.

(t) Central Contractor Registration (CCR). (1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(2)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (t)(2)(i) of this clause, or fails to perform the agreement at paragraph (t)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423 or 269-961-5757.

(End of clause)

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (MAY 2004) (DEVIATION)

(a) Comptroller General Examination of Record. The Contractor agrees to comply with the provisions of this paragraph (a) if the contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to the right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times, the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(b) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in paragraphs (i) through (vi) of this paragraph in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--

(i) 52.219-8, Utilization of Small Business Concerns (October 2000) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (Jun 1998) (29 U.S.C. 793).

(v) 52.222-41, Service Contract Act of 1965, as Amended (May 1989), flow down required for all subcontracts subject to the Service Contract Act of 1965 (41 U.S.C. 351, et seq.).

(vi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Apr 2003) (46 U.S.C. Appx 1241 and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(c) While not required, the contractor May include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

252.204-7000 DISCLOSURE OF INFORMATION (DEC 1991)

(a) The Contractor shall not release to anyone outside the Contractor's organization any unclassified information, regardless of medium (e.g., film, tape, document), pertaining to any part of this contract or any program related to this contract, unless--

(1) The Contracting Officer has given prior written approval; or

(2) The information is otherwise in the public domain before the date of release.

(b) Requests for approval shall identify the specific information to be released, the medium to be used, and the purpose for the release. The Contractor shall submit its request to the Contracting Officer at least 45 days before the proposed date for release.

(c) The Contractor agrees to include a similar requirement in each subcontract under this contract. Subcontractors shall submit requests for authorization to release through the prime contractor to the Contracting Officer.

(End of clause)

252.204-7003 CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (APR 1992)

The Contractor's procedures for protecting against unauthorized disclosure of information shall not require Department of Defense employees or members of the Armed Forces to relinquish control of their work products, whether classified or not, to the contractor.

(End of clause)

252.204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION ALTERNATE A (NOV 2003)

(a) Definitions. As used in this clause--

“Central Contractor Registration (CCR) database” means the primary Government repository for contractor information required for the conduct of business with the Government.

“Commercial and Government Entity (CAGE) code” means--

(1) A code assigned by the Defense Logistics Information Service (DLIS) to identify a commercial or Government entity; or

(2) A code assigned by a member of the North Atlantic Treaty Organization that DLIS records and maintains in the CAGE master file. This type of code is known as an “NCAGE code.”

“Data Universal Numbering System (DUNS) number” means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

“Data Universal Numbering System +4 (DUNS+4) number” means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11 of the Federal Acquisition Regulation) for the same parent concern.

“Registered in the CCR database” means that--

(1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database;

(2) The Contractor's CAGE code is in the CCR database; and

(3) The Government has validated all mandatory data fields and has marked the records "Active."

(b)(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.

(2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS +4" followed by the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number--

(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://www.dnb.com>; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

(i) Company legal business.

(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(iii) Company Physical Street Address, City, State, and Zip Code.

(iv) Company Mailing Address, City, State and Zip Code (if separate from physical).

(v) Company Telephone Number.

(vi) Date the company was started.

(vii) Number of employees at your location.

(viii) Chief executive officer/key manager.

(ix) Line of business (industry).

(x) Company Headquarters name and address (reporting relationship within your entity).

(d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(g)(1)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the CCR database; (B) comply with the requirements of Subpart 42.12 of the FAR; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov> or by calling 1-888-227-2423, or 269-961-5757.

(End of clause)

Security Contract Language for all Corps of Engineers' Unclassified Contracts (PIL 2003-06, 19 Feb 03)

All Contractor employees (U.S. citizens and Non- U.S. citizens) working under this contract (*to include grants, cooperative agreements and task orders*) who require access to Automated Information Systems (AIS), (stand alone computers, network computers/systems, e-mail) shall, at a minimum, be designated into an ADP-III position (non-sensitive) in accordance with DoD 5220-22-R, Industrial Security Regulation. The investigative requirements for an ADP-III position are a favorable National Agency Check (NAC), SF-85P, Public Trust Position. The contractor shall have each applicable employee complete a SF-85P and submit to the Security Officer within three (3) working days after award of any contract or task order, and shall be submitted prior to the individual being permitted access to an AIS. Contractors that have a commercial or government entity (CAGE) Code and Facility Security Clearance through the Defense Security Service shall process the NACs and forward visit requests/results of NAC to the Security Officer. For those contractors that do not have a CAGE Code or Facility Security Clearance, the Security Office will process the investigation in coordination with the Contractor and contract employees.

The address for the Security Office is:

Dave Piper, Security Officer
Walla Walla District, COE

201 North Third Avenue
Walla Walla, WA 99362

In accordance with Engineering Regulation, ER 380-1-18, Section 4, foreign nationals who work on Corps of Engineers' contracts or task orders shall be approved by the HQUSACE Foreign Disclosure Officer or higher before beginning work on the contract/task order. This regulation includes subcontractor employees. (NOTE: exceptions to the above requirement include foreign nationals who perform janitorial and/or ground maintenance services.) The contractor shall submit to the Division/District Contract Office, the names of all foreign nationals proposed for performance under this contract/task order, along with documentation to verify that he/she was legally admitted into the United States and has authority to work and/or go to school in the US. Such documentation may include a US passport, Certificate of US citizenship (INS Form N-560 or N-561), Certificate of Naturalization (INS Form N-550 or N-570), foreign passport with I-551 stamp or attached INS Form I-94 indicating employment authorization, Alien Registration Receipt Card with photograph (INS Form I-151 or I-551), Temporary Resident Card (INS Form I-688), Employment Authorization Card (INS Form I-688A), Reentry Permit (INS Form I-327), Refugee Travel Document (INS Form I-571), Employment Authorization Document issued by the INS which contains a photograph (INS Form I-688B).

Classified contracts require the issuance of a DD Form 254 (Department of Defense Contract Security Classification Specification).

(End of Clause)

SPECIFICATIONS

LINE ITEM	DESCRIPTION	QUANTITY	UNIT OF MEASURE	UNIT PRICE	LINE ITEM AMOUNT
STATION SERVICE COMPRESSED AIR EQUIPMENT					
1	15hp Station Service Air Compressor (SSAC #1)	1	Each		
2	30hp Station Service Air Compressors (SSAC #2 & #3)	2	Each		
3	Desiccant Air Dryer	1	Each		
4	Oil/Water Separator	1	Each		
DEPRESSION COMPRESSED AIR EQUIPMENT					
5	30hp Depression Air Compressors (DAC #4)	2	Each		
6	Oil/Water Separator	1	Each		
STATION SERVICE COMPRESSED AIR EQUIPMENT					
7	Station Service Compressed Air Equipment O&M Manuals	3	Each		
DEPRESSION COMPRESSED AIR EQUIPMENT					
8	Depression Compressed Air Equipment O&M Manuals	3	Each		
IN-FIELD SERVICES					
9	In-Field Services*	1	Trip		
10	Total				

* Cost for "In-Field Services" shall be used for comparative purposes in determining lowest bidder of the contract. However, payment for "In-Field Services" will not be made until such services have been completed.

1. Equipment Requirements

- 1.1 The specifications expressed in this contract shall be interpreted as minimum requirements. Additional “performance enhancing” features not identified in these specifications will not disqualify equipment so long as the minimum requirements are met.
- 1.2 All equipment, to include controls, supplied under this contract shall be the standard product of one manufacturer having a minimum of 5 years experience manufacturing such product. All equipment shall be designed to operate together as an integral system to provide compressed air to each of the compressed air systems as specified. All equipment shall be delivered in a ready to run state, with the exception of installing filters and fluids, mounting/positioning of equipment, and connection of equipment to the necessary power and piping. Any non-standard mounting/setup equipment, tools or devices recommended by the manufacturer and/or necessary for routine maintenance shall be included with the equipment and included in the bid price.

2. Compressor Operating Conditions

- 2.1 Equipment shall be capable of meeting the minimum requirements for capacity when operating in an environment with the following ambient conditions.
 - Temperature of 65 degrees Fahrenheit
 - Relative Humidity of 35%
 - Pressure of 14.17psia

3. Dimensional & Weight Limitations

- 3.1 **15hp Air Compressor** shall weigh no more than 650lb when fully assembled and with fluid levels full. This compressor will be mounted on an existing concrete pad and shall have fully assembled dimensions no greater than 2ft wide x 4ft long. Maximum height for the compressor shall be as low as possible, not to exceed 76”.
- 3.2 **30hp Air Compressor** shall weigh no more than 1500lb when fully assembled and with fluid levels full. This compressor will be mounted on an existing concrete pad and shall have fully assembled dimensions no greater than 3ft wide x 4ft long. Maximum height for the compressor shall be as low as possible, not to exceed 76”.
- 3.3 **Station Service Desiccant Air Dryer** shall have a footprint of sufficient size to limit loading on the floor to less than 300psf.
- 3.4 **All equipment, unless otherwise specified**, shall not exceed any of the following dimensions of 44”wide x 84”long x 76” tall. The weight of any individual piece of equipment shall not weigh more than 1800lb.
- 3.5 **Testing of Equipment:** Before any machinery or mechanized equipment is delivered, it shall be factory inspected, tested, certified and determined suitable for use and warranted for a period of at least 1 year from the date of installation to Dworshak Dam. Within this 1-year period, any and all expenses associated with the repair/replacement of equipment supplied under this contract shall be the responsibility of the Contractor.

4. Control of Multiple Compressor Systems

- 4.1 In-Field Programming:** Microprocessor based control systems shall be an integral part of each compressor package. Programming for all control systems shall be capable of being setup and reprogrammed in the field according to the instructions included in the O&M manuals.
- 4.2 Station Service Compressed Air:** Demand shall be met by the installation of three separate air compressors. Operation of all three Station Service air compressors shall be coordinated by a linked microprocessor control system. The 15hp Station Service Air Compressor (SSAC #1) shall be a base load compressor with SSAC #2 and SSAC #3 arranged in an alternating lead/lag configuration to evenly distribute running hours between SSAC #2 and SSAC #3. SSAC #1 shall operate in a load/no load configuration with modulation to maintain system pressure at 118 psi. In the event that SSAC #1 cannot maintain the system at pressure, the lead 30hp compressor shall start and run in a modulating state to match demand. In the event that the lead 30hp compressor cannot maintain the system at pressure, the lag 30hp compressor shall turn on and operate in a modulating state to assist the lead compressing in meeting demand. All compressors shall be capable of timing out upon running unloaded for an adjustable period of time. See Table 3.1.

TABLE 3.1

Station Service Compressed Air System Pressure Settings				
Compressor		Method of Operation	Setting Pressure (psi)	
			Start	Stop
S.S.A.C. #1	BASE LOAD	Load and modulate to meet demand, maintaining system at 118psi. Unload at low demand with timed stop.	110	125 (or time out)
S.S.A.C. #2 and #3	ALTERNATING LEAD/LAG		105	125 (or time out)
			100	125 (or time out)
System Low Pressure Alarm			95	102
System High Pressure Alarm			122	118

- 4.3 Depression Air:** Demand shall be met by two fixed speed, 30hp, rotary screw compressors arranged for modulating operation in an alternating lead/lag configuration. Function of the compressors shall be met by an onboard microprocessor that coordinates the operations of both compressors. The two compressors shall be capable of independent and simultaneous operations as necessary to meet demand, keeping system pressure at 120 psi. See Table 3.2

TABLE 3.2

Depression Compressed Air System Pressure Settings				
Compressor		Method of Operation	Setting Pressure (psi.)	
			Start	Stop
D.A.C. #4 and #5	ALTERNATING LEAD/LAG	Load and modulate to meet demand. Unload at low demand with timed stop.	110	120 (or time out)
			105	120 (or time out)
System Low Pressure Alarm			95	102
System High Pressure Alarm			122	118

5. On-Site Consultation and Training

5.1 Representative Requirements: The Contractor shall provide a representative that is technically skilled in the installation, set-up, operating, maintenance, and troubleshooting procedures appropriate for the equipment supplied under this contract. The representative shall be on site and available for a period of time no less than 8 working hours, to occur between 7:30am and 5:00pm on the date set for the site visit. The representative shall be prepared to answer questions about the equipment and teach a class covering procedures for programming, operations, and maintenance of the equipment on the date set.

5.2 Scheduling: The Government will perform installation and set-up of the equipment supplied under this contract according to the written installation instructions included in the O&M manuals. Installation of the equipment will be done at the convenience of the government, but will be accomplished before close of business on Thursday, July 28, 2005. As the date of installation approaches and a definitive timeframe is set for installation, the Government shall contact the Contractor to schedule the date for on-site consultation and training of government personnel in the programming, operation and maintenance of the equipment. The government will work with the Contractor to schedule a mutually agreeable timeframe for the site visit. In no case will the government require a site visit to occur with less than 30 calendar days notice. In the event that the Contractor finds the requested date for the site visit to be unacceptable, a mutually agreeable date for the site visit shall be set within 15 calendar days of the initially requested date.

6. Project Security

6.1 Notice of Search: The project site is a secured area and access onto the project is restricted. The security measures affect all of the Contractor's vehicles and personnel. There will be delays when entering projects due to locked gates, vehicle inspections, and personnel checks. Inspections and checks may include inspection of toolboxes, brief cases, lunch boxes, and other containers.

6.2 Vehicle Access: Project access roads are secured with locked gates. All vehicles that pass thru the locked gates will be subject to being searched. No privately owned vehicles (POV's) will be allowed thru locked gates except to access designated parking

areas. POV's will be restricted to designated parking areas. Only Contractor's work vehicles and equipment that are essential to the conduct of the work will be allowed in the work areas. All Contractors vehicles shall display suitable permanent or temporary identification.

6.3 Identification of Employees: The Contractor shall be responsible for furnishing an identification badge/card to each employee prior to the employee's work on the project site, and for requiring each employee engaged on the work to display identification at all times. Badges shall include photo identification, company name, and the individual's. Badges shall be laminated in plastic. All prescribed identification shall immediately be delivered to the Contracting Officer for cancellation upon the release of the employee. If required by the Contracting Officer, the Government will photograph employees. Employees who fail to submit to photographing will not be allowed on the project site.

6.4 Delivery of Equipment: Delivery of equipment and materials to the project site shall arrive at the Powerhouse during the normal working hours of the project maintenance crews described in paragraph WORK SCHEDULES. All deliveries of equipment and visitors to the Powerhouse shall use the access road to the powerhouse located on the North side of the river.

7. Work Schedules

Normal working hours of the project maintenance crews are 6:30am to 5:00pm, Monday through Thursday, to exclude all Federal Holidays.

STATION SERVICE AIR COMPRESSOR NO. 1,

1. 15Horsepower, Fixed Speed Rotary Screw Air Compressor

- 1.1 Shall be of the oil flooded rotary screw type, air-cooled.
- 1.2 Capacity shall be at least 45scfm at a full discharge pressure of 125psi.
- 1.3 Compressor shall be fitted with a replaceable inlet air filter capable of removing airborne particles measuring 5 microns in size and larger.
- 1.4 Compressors shall be completely assembled and factory tested under full load conditions.
- 1.5 All fluids, materials, and miscellaneous appurtenances necessary for operation of the compressors shall be provided.

2. AIREND

- 2.1 Single-stage, oil flooded rotary screw design.
- 2.2 Rotary helical precision ground rotors to be dynamically balanced.
- 2.3 Manufacturer standard bearings.
- 2.4 Package design shall prevent backflow of air when the unit stops, unloads or is shut down.

3. MOTOR

- 3.1 Shall be NEMA frame; design B, 1.15 SF, squirrel cage, induction type with Class B or F insulation.
- 3.2 Motor shall be premium efficiency, totally enclosed fan cooled motors operating on 3 phase, 60 Hertz, 460volt power with full voltage motor starter.
- 3.3 Shall be specifically matched to the torque, speed, and horsepower characteristics of the compressor.
- 3.4 Motor to be suitable for full voltage starting.

4. STARTER

- 4.1 Shall be suitable for full voltage starting.
- 4.2 Shall be mounted to enclosure and wired to an emergency stop button.
- 4.3 Starter shall be NEMA rated. IEC rated components shall not be used and will not be accepted.

5. DRIVE ASSEMBLY

- 5.1 Motor and compressor are to be mounted to rigid steel base using elastomer vibration isolators between base and enclosure.
- 5.2 OSHA approved guards.

6. COMPRESSOR CONTROL SYSTEM

- 6.1 Shall be Modicon brand or comparable touch pad, microprocessor-based controller.
- 6.2 Programmed functions shall be stored "on board" on non-volatile memory or have battery backup to prevent the need for reprogramming in the event of loss of power.

- 6.3 Control system shall provide starting, capacity control, operating control, and safety control of unit.
- 6.4 Controller shall be capable of multiple unit coordination as per section 3, paragraph 4.
- 6.5 Dry electrical contacts to provide run and alarm status to the control room (RS 232 preferred).
- 6.6 All electrical components shall be certified by NEMA or CSA standards.

7 OPERATION

- 7.1 Compressor package shall include an integrated control voltage transformer.
- 7.2 Controller shall be mounted on the compressor package base in a painted steel or stainless steel NEMA 4 control enclosure.
- 7.3 Compressor package shall be capable of automatic restart following power failure with adjustable delay.

8 WARNINGS/ADVISORIES

- 8.1 Package shall indicate warnings for the following conditions:
- Change separator
 - Change air filter
 - Change oil filter
 - Change oil
 - Low ambient temperature
 - High ambient temperature
 - High discharge temperature
 - High reservoir temperature

9 SHUTDOWNS

- 9.1 A large emergency stop button shall be included.
- 9.2 Automatic protective shutdown shall occur for any of the following conditions:
- Main motor overload
 - Air/oil separator change
 - Transducer failure
 - System pressure of 125psi or greater
 - Post aftercooler discharge temperature of 100°F or greater
 - High reservoir temperature
 - Thermistor failure
 - Low oil pressure
 - Power failure

10 DISPLAY

- 10.1 Compressor touch pad control with LCD display.

10.2 System to display:

- System pressure
- Total running hours
- Total loaded hours
- Discharge temperature
- Operating mode
- Reservoir pressure
- Reservoir temperature
- Separator Differential Pressure
- Time remaining to oil change
- Time remaining to oil filter change

11 LUBRICATION

- 11.1 Lubrication system shall utilize a full flow 10-micron oil filter with full bypass.
- 11.2 Compressor shall be filled with non-water-soluble food grade lubricant.

12 SEPARATOR SYSTEM

- 12.1 Design shall limit oil carryover to no greater than 2 PPM by weight, measured at the package final discharge.
- 12.2 Silenced automatic lowdown valve shall be included.

13 ENCLOSURE

- 13.1 A sound attenuating enclosure, capable of reducing sound level to less than 75dBA shall be provided.
- 13.2 Enclosure shall include removable panels and doors for access to ease machine servicing.
- 13.3 Control lines to be corrosion resistant.

14 OIL COOLER/ AFTERCOOLER

- 14.1 Air-cooled air/oil cooler shall be included.
- 14.2 Cooler, moisture separator and automatic condensate trap are to be connected and mounted within the compressor package.
- 14.3 Maximum output air temp from the aftercooler shall not exceed 100 degrees Fahrenheit.

1. 30 Horsepower, Fixed Speed Rotary Screw Air Compressor

- 1.1 The air compressors shall be of the oil flooded rotary screw type, air-cooled.
- 1.2 The compressor capacity for shall be a minimum of 110 SCFM at a full load discharge pressure of 125PSIG.
- 1.3 Compressors shall be fitted with a replaceable inlet air filter capable of removing airborne particles measuring 5 microns in size and larger.
- 1.4 Compressors shall be completely assembled and factory tested under full load conditions.
- 1.5 All fluids, materials, and miscellaneous appurtenances necessary for operation of the compressors shall be provided.

2. AIREND

- 2.1 Single-stage, oil flooded rotary screw design. Rotary helical precision ground rotors to be dynamically balanced and mounted on bearings.
- 2.2 Heavy-duty bearings, capable of typical calculated B-10 bearing life in excess of 150,000 hours shall be used.
- 2.3 Bearings shall be oil cooled and lubricated.
- 2.4 Package compressor design shall prevent backflow of air when the unit stops, unloads or is shut down.

3. MOTOR

- 3.1 Shall be NEMA frame, design B, 1.15 SF, squirrel cage, induction type with Class B or F insulation.
- 3.2 Motor shall be premium efficiency, totally enclosed fan cooled motors operating on 3 phase, 60 Hertz, 460volt power with full voltage motor starter.
- 3.3 Shall be specifically matched to the torque, speed, and horsepower characteristics of the compressor.
- 3.4 Motor to be suitable for full voltage starting.

4. STARTER

- 4.1 Shall be suitable for full voltage starting.
- 4.2 Starter shall be mounted to enclosure and wired to an emergency stop button.
- 4.3 Starter shall be NEMA rated. IEC rated components shall not be used and will not be accepted.

5. DRIVE ASSEMBLY

- 5.1 Motor and compressor shall be mounted to rigid steel base using elastomer vibration isolators between base and enclosure.
- 5.2 Drive assembly shall be either direct drive or belt drive.

6. COMPRESSOR CONTROL SYSTEM

- 6.1 Shall be Modicon brand or comparable touch pad, microprocessor-based controller.
- 6.2 Programmed functions shall be stored “on board” on non-volatile memory or have battery backup to prevent the need for reprogramming in the event of loss of power.
- 6.3 Control system shall provide starting, capacity control, operating control, and safety control of unit.
- 6.4 Controller shall be capable of multiple unit coordination as per section 3, paragraph 4.
- 6.5 Dry electrical contacts to provide run and alarm status to the control room (RS 232 preferred).
- 6.6 All electrical components shall be certified by NEMA or CSA standards.

7. OPERATION

- 7.1 Compressor package shall include an integrated control voltage transformer.
- 7.2 Controller shall be mounted on the compressor package base in a painted steel or stainless steel NEMA 4 control enclosure.
- 7.3 Compressor package shall be capable of automatic restart following power failure with adjustable delay.

8. WARNINGS/ADVISORIES

- 8.1 Package shall indicate warnings for the following conditions:
 - Change separator
 - Change air filter
 - Change oil filter
 - Change oil
 - Low ambient temperature
 - High ambient temperature
 - High discharge temperature
 - High reservoir temperature

9. SHUTDOWNS

- 9.1 A large emergency stop button shall be included.
- 9.2 Automatic protective shutdown shall occur for any of the following conditions:
 - Main motor overload
 - Change separator
 - Transducer failure
 - Discharge pressure of 125psi or greater
 - Post aftercooler discharge temperature of 100°F or greater
 - High reservoir temperature
 - Thermistor failure
 - Low oil pressure

- Power failure

10. DISPLAY

10.1 Compressor touch pad control with LCD display.

10.2 System to display:

- System pressure
- Total running hours
- Total loaded hours
- Discharge temperature
- Operating mode
- Reservoir pressure
- Reservoir temperature
- Separator Differential Pressure
- Time remaining to oil change
- Time remaining to oil filter change

11. LUBRICATION

11.1 Lubrication system shall utilize a full flow 10-micron oil filter with full bypass.

11.2 Compressor shall be filled with non-water-soluble food grade lubricant.

12. SEPARATOR SYSTEM

12.1 Design shall limit oil carryover to no greater than 2 PPM by weight, measured at the package final discharge.

12.2 Silenced automatic lowdown valve shall be included.

13. ENCLOSURE

13.1 A sound attenuating enclosure, capable of reducing sound level to less than 75dBA shall be provided.

13.2 Enclosure shall include removable panels and doors for access to ease machine servicing.

13.3 Control lines to be corrosion resistant.

14. OIL COOLER/ AFTERCOOLER

14.1 Air-cooled air/oil cooler shall be included.

14.2 Cooler, moisture separator and automatic condensate trap are to be connected and mounted within the compressor package.

14.3 Maximum output air temp from the aftercooler shall not exceed 100 degrees Fahrenheit.

1. **DESICCANT AIR DRYER**

Provide a desiccant type compressed air dryer for the Station Service Compressed Air System. The dryer shall be sized to enable proper treatment of the compressed air produced by all 3 Station Service Air Compressors provided under this contract while operating simultaneously at full load. The dryer shall be twin chamber style rated for full capacity through each chamber for a continuous duty cycle. Filters shall have pressure drop not greater than 5 psi. Air shall leave the dryer at a temperature of 100 degrees F and dew point of -40 degrees F, based on an inlet temperature of 100 degrees F. Provide internal tubing, wiring, and piping complete, such that only connections to air inlet and outlet, to electrical power supply, and to condensate drain are necessary.

1.1 **Steel Chamber**

Chamber of welded steel, 125 psig working pressure, ASME labeled conforming to ASME BPVC SEC VIII D1, with flanged or threaded fittings, and automatic drain valve.

1.2 **Desiccant**

Desiccant shall be as recommended by the manufacturer and shall be tablet form which will not nest or cake. Provide a supply of desiccant for initial operations and material required in section 9 SPARE PARTS section of this specification in unbroken shipping containers.

1.3 **Instrumentation and Control**

Include control panel in dryer cabinet containing:

a. Indicators for the Following Services:

- Inlet air pressure gage
- Discharge air pressure gage
- On/off status
- Fault Alarm
- Service Required

b. Electrical Relays: Locate in an enclosed portion of the panel, accessible for ease of servicing.

c. Controls and Interlocks: To maintain required compressed air dew point and to cycle air-cooled condenser with refrigeration compressor while maintaining head pressure control with low ambient temperature.

d. Dryer shall be provided with electrical dry contacts for external indication of "fault alarm".

1. **General**

The Contractor shall supply one oil/water separator for station service air compressors and one identical oil/water separator for the depression air compressors. The Contractor shall ensure that the oil/water separator for both the Station Service compressed air and the Depression compressed air systems shall be sized appropriately for each system. Oil/Water separators shall be designed to perform in an environment at 65 degrees Fahrenheit and 35% relative humidity.

2. **Type of Separator**

- 2.1 The oil/water separators supplied under this contract shall be designed to employ an oil skimming technique whereby the oil/water mixture is allowed to separate in a near stagnant chamber under the influence of gravity.
- 2.2 The oil/water separators shall route the condensate through a series of chambers/filters to accomplish, in order, the following:
 - a) Sediment chamber to allow dirt, rust, scale and other larger particles to drop out from the condensate flow
 - b) Pre-filter 'downstream' of the sediment chamber to enhance the separation of oil and water.
 - c) Large main chamber downstream of the pre-filter where oil & water are allowed to separate from one another under the influence of gravity
 - d) Skimming of the floating oil from the main chamber, to be deposited in an oil collection chamber
 - e) Water is allowed to flow from the bottom of the main chamber and passed through an intermediate filter designed to remove oil from the water
 - f) Water flows from the intermediate filter through a carbon filter/bed before being discharged from the unit

3. **Additional Features**

- 3.1 Oil collection chamber shall be either transparent/translucent or be equipped with a sight glass to allow for a quick visual inspection for level of collected oil
- 3.2 Oil collection chamber shall be removable
- 3.3 Upon removal of the oil collection chamber, the path of skimmed oil to the oil collection chamber shall be automatically blocked/isolated from main chamber to prevent leakage of oil from the separator unit
- 3.4 Carbon filter and other filters shall be individually packaged, emplaced, and removed as a unit. The use of loose filtering materials will not be accepted.

1. **Quantity**

There shall be 3 owners manuals supplied for the following pieces of equipment.

- Station Service Air Compressor #1
- Station Service Air Compressor #2
- Station Service Air Compressor #3
- Station Service Desiccant Air Dryer
- Station Service Oil/Water Separator
- Depression Air Compressor #4 and #5 (The compressors being identical will allow the required 3 manuals to cover both compressors)
- Depression Air Oil/Water Separator (Required only if different from the model of Oil/Water Separator supplied for Station Service Compressed Air)

2. **Content**

Each O&M Manuals shall include as a minimum the following information.

- a. Table of Contents with pages numbered correctly
- b. Manufacturer & model # of equipment covered by manual with overview of equipment and function
- c. Installation Instructions
- d. Programming and startup instructions
- e. Preventative maintenance section to include
- f. List of items/points of service that should be serviced/inspected periodically
- g. Instructions for each preventative maintenance procedure
- h. Required servicing schedule
- i. Troubleshooting section
- j. Contact information for technical assistance
- k. Material Safety Data Sheets for all oils, greases, desiccant, etc.
- l. Recommended disposal method for desiccant.
- m. Manufacturer Recommended Spare Parts List to Include:
 - i. Identification of spare parts by name/description and model/part #
 - ii. Recommended number of each spare part to keep on hand
 - iii. Source for spare parts to include company name, address, phone number, and current cost as of the date of manual production

3. **Binding and Labeling**

All O&M Manuals shall be individually bound in black 3 ring binders.

Each binder shall be labeled on the front and spine with Contract Number and name of equipment covered by the manual as identified in paragraph 1 above.

1. GENERAL

The spare parts identified in this section are minimum requirements only. No information in this section shall reduce the type, quantity, or other aspect of that identified in section 8, paragraph 2.k.i and ii.

2. 15hp Rotary Screw Air Compressor

- 2.1 Air/Oil Separator Replacement Elements (Qty: 2)
- 2.2 Oil (Qty: Sufficient for 2 oil changes)
- 2.3 Oil Filters (Qty: 2)
- 2.4 Inlet Air Filters (Qty: 2)

3. 30hp Rotary Screw Air Compressors

- 3.1 Air/Oil Separator Replacement Elements (Qty: 4)
- 3.2 Oil (Qty: Sufficient for 1 oil change each machine)
- 3.3 Oil Filters (Qty: 4)
- 3.4 Inlet Air Filters (Qty: 4)

4. Desiccant Air Dryer

- 4.1 Desiccant (Qty: Sufficient for 1 replacement)

5. Oil/Water Separator

- 5.1 Replacements for type of filter (Qty: 2 each type)