

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS**  
 OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30

1. REQUISITION NUMBER  
SEE SCHEDULE

PAGE 1 OF 33

2. CONTRACT NO. W911RQ-07-P-0051-P00001  
 3. AWARD/EFFECTIVE DATE 31-Jan-2007  
 4. ORDER NUMBER  
 5. SOLICITATION NUMBER W911RQ-07-T-0013  
 6. SOLICITATION ISSUE DATE 08-Nov-2006

7. FOR SOLICITATION INFORMATION CALL:  
 a. NAME MARGIE L. AINLEY  
 b. TELEPHONE NUMBER (No Collect Calls) 903-334-2296  
 8. OFFER DUE DATE/LOCAL TIME 12:00 AM 16 Nov 2006

9. ISSUED BY CODE W911RQ  
 RED RIVER ARMY DEPOT  
 DIRECTORATE FOR CONTRACTING  
 100 MAIN DRIVE BUILDING 431  
 TEXARKANA TX 75507-5000  
 TEL:  
 FAX:

10. THIS ACQUISITION IS  
 UNRESTRICTED  
 SET ASIDE: % FOR  
 SMALL BUSINESS  
 HUBZONE SMALL BUSINESS  
 8(A)  
 NAICS: 333911  
 SIZE STANDARD: 500

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED  
 SEE SCHEDULE

12. DISCOUNT TERMS

13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION  
 RFQ  IFB  RFP

15. DELIVER TO CODE W45G18  
 RED RIVER ARMY DEPOT  
 XR CONSOL PROP OFF  
 DDRT BLDG 499  
 10TH STREET AND K AVENUE  
 TEXARKANA TX 75507-5000

16. ADMINISTERED BY CODE W911RQ  
 MARGIE AINLEY  
 PHONE: 903-334-2296  
 FAX: 903-334-2628  
 MARGIE.AINLEY@US.ARMY.MIL  
 TEXARKANA TX 75507-5000

17a. CONTRACTOR/OFFEROR CODE 3D1P1  
 TOOLING TECHNOLOGIES LLC  
 GUS KRAUSE  
 11680 BRITTMOORE  
 HOUSTON TX 77041-6917  
 TEL. 817-320-0038  
 FACILITY CODE 3D1P1

18a. PAYMENT WILL BE MADE BY CODE HQ0303  
 DFAS - ROCK ISLAND OPERATING LOCATION  
 ATTN: DFAS-RI-FPV BLDG 68  
 ROCK ISLAND IL 61299-8300

17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED  SEE ADDENDUM

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

25. ACCOUNTING AND APPROPRIATION DATA  
**See Schedule**

26. TOTAL AWARD AMOUNT (For Govt. Use Only)  
**\$798,522.00**

27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA  ARE  ARE NOT ATTACHED

27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA  ARE  ARE NOT ATTACHED

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 0 COPIES  TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.

29. AWARD OF CONTRACT: REFERENCE  OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS: SEE SCHEDULE

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)  


31c. DATE SIGNED  
 31-Jan-2007

30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)  
 CHARLIE D. HARRIS, JR. / CONTRACTING OFFICER

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)  
 CHARLIE D. HARRIS, JR. / CONTRACTING OFFICER  
 TEL: 903-334-2218 EMAIL: charlie.d.harris@us.army.mil

**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><b>SEE SCHEDULE</b></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	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
<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				

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 30 - BLOCK 14 CONTINUATION PAGE

CLAUSES INCORPORATED BY REFERENCE

52.217-7 Option For Increased Quantity-Separately Priced Line Item MAR 1989

MOD VENDOR QUOTES

**3. Build Table for “A” Arm Sub-Assembly.**

- TT10167 – Custom Work Bench 10ft. long X 36in. wide
- Consisting of the following:
  - 3/8” Plating
  - 4 Nesting Fixtures for “A” Arms
  - 2 Shock Nesting Fixtures
  - Parts Shelve Integrated
  - Rack to hold 8 Completed Shocks
  
- **Price for system - \$9,500**

FOB: Arlington, Texas

**Lead Time: 14 – 16 Weeks**

**4. Wheel Multiple modification.**

Proposed Solution:

- Modify one fixture to accept 4 Spindles
- Add low voltage lighting
- Install 1 bridge for 4 spindle multiple
- Move controllers to one side
- Sync controllers for spindles 3 and 4
- Re-Wire for Remote Start

**Total Price: - \$6,000**

**DELIVERY: 12 – 14 Weeks ARO**

**TERMS: Net 30 days**

**FOB: Destination**

**5. Torque arm for Differential Sub-Assembly**

- TT10147 – TTL 200-FM Custom Floor Mounted tool arm
  - Includes clutch on torque arm
  - Includes turnkey installation and setup
- **Price for system - \$4,000**

FOB: Arlington, Texas

**Lead Time: 6 – 8 Weeks**

## 6. Geared Hub C II applications:

### *Steering Arm Cover (65ft. lbs)*

- TTETVS7-100-13CTADSG (Includes)
  - ETVS7-100-13CTADS (300 rpm, 5.5 lbs, 15-80 ft lbs)
  - PF3107-G-HW (Graph Controller w/h silver RBU)
  - 5M Cable
- 10147 – TTL 100-FM Custom Bench mounted tool arm for table 30” x 72”
  - Includes clutch on torque arm
  - Includes turnkey installation and setup
- **Price for system - \$19,000**

## SPECIFICATIONS

### Atlas Copco Tensor S

- **Transducerized DC Electric**
- **Ability to graph and monitor running dynamic torque**
- **Ability to seat the bearing (utilizing multistage for loosening requirement)**
- **Networking**
- **250 Programmable parameter sets**
- **Tool Service Indicator**
- **Torque and angle control**
- **Ability to compensate for prevailing torque applications**
- **Rapid Backup Unit (RBU – Flash Memory)**
- **Torque Range**
- **Storage of torque readings**
- **Visual lights on tool and controller**
- **Size and Weight**
- **Rpm of tool**

FOB: Arlington, Texas

Lead Time: 14 – 16 Week

Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	SYSTEM FFP Furnish and Install: SYSTEM, DC TOOLING, CONSISTS OF MISC PARTS AND TOOLS, FOR 8V92 AND M903 ENGINE BUILDUP AREA Bldg 345. Tooling Technologies negotiate proposal is attached and made apart hereof.  FOB: Destination NSN: 494000X065721 MILSTRIP: W45G1862351079 PURCHASE REQUEST NUMBER: W45G1862351079	1	Each	\$500,950.00	\$500,950.00
				NET AMT	\$500,950.00
	ACRN AC CIN: 00000000000000000000000000000000				\$500,950.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	TOOL FFP TOOL, TORQUE, DC, WITH CONTROLLERS Bldg 493. Tooling Technologies negotiate proposal is attached and made apart hereof.  FOB: Destination NSN: 513000X065711 MILSTRIP: W45G1862341105 PURCHASE REQUEST NUMBER: W45G1862341105	1	Each	\$259,072.00	\$259,072.00
				NET AMT	\$259,072.00
	ACRN AD CIN: 00000000000000000000000000000000				\$259,072.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003		1	Each	\$9,500.00	\$9,500.00

BENCH Part Number: TT10167

FFP

BENCH, WORK, CUSTOM, 10 FT LONG X 26 IN WIDE, CONSISTS OF 3-8  
Inch PLATE

FOB: Destination

NSN: 719500X075234

MILSTRIP: W45G1870531897

PURCHASE REQUEST NUMBER: W45G1870531897

NET AMT

\$9,500.00

ACRN AE

CIN: W45G18705318970001

\$9,500.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004		1	Each	\$4,000.00	\$4,000.00

TOOL to mount Flange to Differential

FFP

TOOLING TECHNOLOGY P-N TT10147-TTL-200-FM or equal, Tool  
designed to mount Flange to Differential, Custom Floor Mounted Tool Arm.

FOB: Destination

NSN: 494000X075233

MILSTRIP: W45G1870531867

PURCHASE REQUEST NUMBER: W45G1870531867

NET AMT

\$4,000.00

ACRN AF

CIN: W45G18705318670001

\$4,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005		1	Each	\$6,000.00	\$6,000.00

MOD of Existing Wheeled Equipment HMMWV  
FFP

MODIFICATION for Existing Wheeled Equipment in the HMMWV area.

- Modify one fixture to accept 4 spindles.
- Add low voltage lighting.
- Install 1 bridge for 4 spindle multiple.
- Move controllers to one side.
- Sync controllers for spindles 3 and 4.
- Rewire for remote start.
- Clean Area and return anything moved to original position.

FOB: Destination

NSN: 999900X075023

MILSTRIP: W45G1870081143

PURCHASE REQUEST NUMBER: W45G1870081143

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NET AMT	\$6,000.00
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ACRN AG

CIN: W45G18700811430001

\$6,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006		1	Each	\$19,000.00	\$19,000.00

DC Tooling Geared Hub C II  
FFP

TOOLING, STEERING ARM COVER with Custom Bench mounted tool arm for table. Steering Arm Cover (65ft. lbs) TTETVS7-100-13CTADSG (Includes) ETVS7-100-13CTADS (300 rpm, 5.5 lbs, 15-80 ft lbs), PF3007-G-HW (Graph Controller w/h silver RBU), 5M Cable, 10147 - TTL 100-FM Custom Bench mounted tool arm for table 30" x 72", Includes clutch on torque arm, Includes turnkey installation and setup, SPECIFICATIONS

Atlas Copco Tensor S

Transducerized DC Electric

Ability to graph and monitor running dynamic torque

Ability to seat the bearing (utilizing multistage for loosening requirement)

Networking

250 Programmable parameter sets

Tool Service Indicator

Torque and angle control

Ability to compensate for prevailing torque applications

Rapid Backup Unit (RBU - Flash Memory)

Torque Range

Storage of torque readings

Visual lights on tool and controller

Size and Weight

Rpm of tool

FOB: Destination

NSN: 999900X066205

MILSTRIP: W45G1863481346

PURCHASE REQUEST NUMBER: W45G1863481346

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NET AMT

\$19,000.00

ACRN AH

CIN: W45G18634813460001

\$19,000.00

## INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
0002	Destination	Government	Destination	Government
0003	Destination	Government	Destination	Government
0004	Destination	Government	Destination	Government

0005	Destination	Government	Destination	Government
0006	Destination	Government	Destination	Government

## DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	30-APR-2007	1	RED RIVER ARMY DEPOT XR CONSOL PROP OFF DDRT BLDG 499 10TH STREET AND K AVENUE TEXARKANA TX 75507-5000 FOB: Destination	W45G18
0002	30-APR-2007	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	W45G18
0003	26-JUN-2007	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	W45G18
0004	08-MAY-2007	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	W45G18
0005	12-JUN-2007	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	W45G18
0006	26-JUN-2007	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	W45G18

## ACCOUNTING AND APPROPRIATION DATA

AC: 97X4930.AAPP6D            31E15ZA100W45G1862351079Z949F9041117  
AMOUNT: \$500,950.00  
CIN 00000000000000000000000000000000: \$500,950.00

AD: 97X4930.AAPP6D            31EA5R0000W45G1862341105Z94960041117  
AMOUNT: \$259,072.00  
CIN 00000000000000000000000000000000: \$259,072.00

AE: 97X4930.AAPP6D            31EA5QB100W45G1870531897Z94960041117  
AMOUNT: \$9,500.00  
CIN W45G18705318970001: \$9,500.00

AF: 97X4930.AAPP6D            31EA5QB100W45G1870531867Z94960041117  
AMOUNT: \$4,000.00  
CIN W45G18705318670001: \$4,000.00

AG: 97X4930.AAPP6D 26EB5QB100W45G1870081143Z94960041117  
AMOUNT: \$6,000.00  
CIN W45G18700811430001: \$6,000.00

AH: 97X4930.AAPP6D 26EB5QA000W45G1863481346Z949F9041117  
AMOUNT: \$19,000.00  
CIN W45G18634813460001: \$19,000.00

## CLAUSES INCORPORATED BY FULL TEXT

### 52.000-4003 ISO 9001:2000 REGISTERED

Red River Army Depot, an ISO 9001:2000 registered industrial complex, is committed to quality.

### 52.000-4054 ADDITIONAL SPECIAL CONTRACT REQUIREMENTS

#### 1. UTILITY OUTAGES

Utility Outages shall be minimized.

- 1) All utility outages shall be approved by the Contracting Officer's Representative in writing prior to disruption of utilities.
- 2) Contractor shall submit a proposed schedule of outages showing as a minimum: dates of outages, duration of outages and type of outage required.
- 3) All utility outages required by the Contractor to accomplish his work shall be scheduled a minimum of 5 calendar days in advance.

#### 2. STANDARD COMMERCIAL WARRANTY

1) Standard Commercial Warranty (or 12-months parts and labor, whichever is greater) to include workstation electronic components, hardware and software programs while assembling, monitoring, training and testing of systems.

2) Standard Commercial Warranty for the final assembly of the hardware configuration and software configuration after on-site function testing, monitoring, preventative maintenance and training are completed.

### 52.211-4009 DELIVERIES TO RED RIVER ARMY DEPOT (RRAD)

Receiving hours at Red River Army Depot are from 7:00 AM to 1:00 PM, Monday through Friday (excluding Federal holidays). Telephone (903) 334-3520.

### 52.212-4 CONTRACT TERMS AND CONDITIONS-- COMMERCIAL ITEMS (SEP 2005)

(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 forth 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. 3701, 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 (NOV 2006)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).

(2) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (Contracting Officer check as appropriate.)

(1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEP 2006), with Alternate I (OCT 1995) (41 U.S.C. 253g and 10 U.S.C. 2402).

(2) 52.219-3, Notice of HUBZone Small Business Set-Aside (Jan 1999) (15 U.S.C. 657a).

(3) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JUL 2005) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

(4) [Removed].

(5)(i) 52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).

(ii) Alternate I (OCT 1995) of 52.219-6.

(iii) Alternate II (MAR 2004) of 52.219-6.

(6)(i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).

(ii) Alternate I (OCT 1995) of 52.219-7.

- (iii) Alternate II (MAR 2004) of 52.219-7.
- (7) 52.219-8, Utilization of Small Business Concerns (MAY 2004) (15 U.S.C. 637 (d)(2) and (3)).
- (8)(i) 52.219-9, Small Business Subcontracting Plan (SEP 2006) (15 U.S.C. 637(d)(4)).
- (ii) Alternate I (OCT 2001) of 52.219-9
- (iii) Alternate II (OCT 2001) of 52.219-9.
- (9) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14)).
- (10)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (SEP 2005) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer).
- (ii) Alternate I (JUNE 2003) of 52.219-23.
- (11) 52.219-25, Small Disadvantaged Business Participation Program--Disadvantaged Status and Reporting (OCT 1999) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- (12) 52.219-26, Small Disadvantaged Business Participation Program--Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- (13) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (May 2004).
- (14) 52.222-3, Convict Labor (JUNE 2003) (E.O. 11755).
- (15) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (JAN 2006) (E.O. 13126).
- (16) 52.222-21, Prohibition of Segregated Facilities (FEB 1999).
- (17) 52.222-26, Equal Opportunity (APR 2002) (E.O. 11246).
- (18) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEP 2006) (38 U.S.C. 4212).
- (19) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793).
- (20) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEP 2006) (38 U.S.C. 4212).
- (21) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (DEC 2004) (E.O. 13201).
- (22)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (AUG 2000) (42 U.S.C. 6962(c)(3)(A)(ii)).
- (ii) Alternate I (AUG 2000) of 52.223-9 (42 U.S.C. 6962(i)(2)(c)).
- (23) 52.225-1, Buy American Act--Supplies (JUNE 2003) (41 U.S.C. 10a-10d).
- (24)(i) 52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act (NOV 2006) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, Pub. L 108-77, 108-78, 108-286, 109-53 and 109-169).

\_\_\_ (ii) Alternate I (JAN 2004) of 52.225-3.

\_\_\_ (iii) Alternate II (JAN 2004) of 52.225-3.

\_\_\_ (25) 52.225-5, Trade Agreements (NOV 2006) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

\_X\_ (26) 52.225-13, Restrictions on Certain Foreign Purchases (FEB 2006) (E.O.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of Treasury).

\_\_\_ (27) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (42 U.S.C. 5150).

\_\_\_ (28) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (42 U.S.C. 5150).

\_\_\_ (29) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

\_\_\_ (30) 52.232-30, Installment Payments for Commercial Items (OCT 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

\_X\_ (31) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (OCT 2003) (31 U.S.C. 3332).

\_\_\_ (32) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (MAY 1999) (31 U.S.C. 3332).

\_\_\_ (33) 52.232-36, Payment by Third Party (MAY 1999) (31 U.S.C. 3332).

\_\_\_ (34) 52.239-1, Privacy or Security Safeguards (AUG 1996) (5 U.S.C. 552a).

\_\_\_ (35)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631).

\_\_\_ (ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: [Contracting Officer check as appropriate.]

\_\_\_ (1) 52.222-41, Service Contract Act of 1965, as Amended (JUL 2005) (41 U.S.C. 351, et seq.).

\_\_\_ (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 1989) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

\_\_\_ (3) 52.222-43, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Multiple Year and Option Contracts) (NOV 2006) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

\_\_\_ (4) 52.222-44, Fair Labor Standards Act and Service Contract Act--Price Adjustment (February 2002) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this 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 and 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 type and 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.

(e) (1) 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 (May 2004) (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 \$550,000 (\$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 (April 2002) (E.O. 11246).

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEP 2006) (38 U.S.C. 4212).

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

(v) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (DEC 2004) (E.O. 13201).

(vi) 52.222-41, Service Contract Act of 1965, as Amended (Jul 2005), flow down required for all subcontracts subject to the Service Contract Act of 1965 (41 U.S.C. 351, et seq.).

(vii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) 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)

52.223-9 ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA-DESIGNATED PRODUCTS (AUG 2000)

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

Postconsumer material means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of "recovered material."

Recovered material means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(b) The Contractor, on completion of this contract, shall--

(1) Estimate the percentage of the total recovered material used in contract performance, including, if applicable, the percentage of postconsumer material content; and

(2) Submit this estimate to Donald Kennedy at 903-334-2656, FAX – 903-334-4141.

(End of clause)

#### 52.228-5 INSURANCE--WORK ON A GOVERNMENT INSTALLATION (JAN 1997)

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective (1) for such period as the laws of the State in which this contract is to be performed prescribe, or (2) until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

(End of clause)

#### 52.228-4026 SCHEDULE OF REQUIRED INSURANCE

(i) Workmen's compensation and employer's liability insurance in compliance with applicable state statutes, with a minimum employers liability coverage of \$100,000.00.

(ii) Comprehensive general liability insurance for bodily injury in the minimum limits of \$500,000.00 per occurrence. No property damage liability insurance is required.

(iii) Comprehensive automobile insurance covering the operation of all automobiles used in connection with the performance of the contract in the minimum limits of \$200,000.00 per person and \$500,000.00 per accident for bodily injury and \$20,000.00 per accident for property damage.

**52.232-4001 ELECTRONIC FUND TRANSFER**

The government payment office has determined that payment under this contract will be made by Electronic Funds Transfer (EFT). This determination is made in accordance with FAR Clause 52.232-33 and is effective no later than 1 October 1997.

**52.232-4059 CONTRACTOR INVOICE**

Payment will be made via Electronic Fund Transfer to the EFT address loaded in the Central Contractor Register (CCR).

Following are items that must be on your invoice:

1. Name and address of contractor/vendor.
2. Invoice date.
3. Contract or purchase order number.
4. Line item number, with description, quantity, unit of measure, unit price and extended price of supplies delivered or services performed.
5. Shipping and payment terms (for example, shipment number and date of shipment, prompt payment discount terms). Bill of lading number and shipment will be shown for shipments on government bills of lading.
6. Name and address of contractor official to whom payment is to be sent (if remittance is to an address other than that on contract/purchase order, and a proper "Notice of Assignment" or separate remittance address is indicated in contract/purchase order).
7. Name, title, telephone number and mailing address of person to be notified in event of a defective invoice.
8. Any other information or documentation required by the contract/purchase order (evidence of shipment, acceptance test, etc.).

Invoice must be marked "Original".

Mail or fax all invoices to the following address:

DFAS - Rock Island Operating Location  
ATTN: DFAS-RI-FPV Bldg 68  
Rock Island, IL 61299-8300

FAX: 877-426-4270

And E-mail or FAX a copy to:  
Red River Army Depot  
ATTN: Margie Ainley  
Dir. For Contracting, Bldg 431  
Texarkana, TX 75507-5000

**52.236-4030 LOCAL RULES AND REGULATIONS**

The contractor, all subcontractors, and suppliers shall be governed by police regulations on the installation. The following local rules and

regulations will be strictly complied with:

- (a) Employment of Labor:
  - (i) Security regulations
  - (ii) Passes and badges
- (b) Traffic:
  - (i) Designated routes
  - (ii) Passes
  - (iii) Insurance
  - (iv) Parking regulations
- (c) Highway barricades and warning signs
- (d) Safety
- (e) Temporary structures
- (f) Fire prevention and protection
- (g) Utilities

#### 52.236-4031 SECURITY REGULATIONS

(a) All contractors, subcontractors, and their employees are responsible for complying with the following regulations:

(i) Items forbidden on the depot include "strike anywhere" matches, alcoholic beverages, narcotics, photographic equipment, unauthorized tools, firearms, explosives and illegal knives (stilettoes, switchblades, hook blades, and blades over three inches in length).

(ii) Personnel will not retain passes and badges upon job completion or termination, enter depot in an intoxicated condition, fight, gamble, picket, or create a disturbance. Failure to return badges will cost your firm \$50.00 per badge.

(iii) Contractor will ensure that all contractor employees comply with all applicable fire, safety, and security requirements and adhere to all applicable state and federal labor laws and regulations.

(b) General Instructions:

(i) All depot traffic regulations will be observed.

(ii) Predetermined work routes will be followed with no deviation.

(iii) All personal vehicles and containers are subject to search and confiscation of unauthorized items while on the depot (with or without presence of owner).

(iv) Notorious misconduct off the depot may be sufficient grounds for denying entrance to the depot.

(v) POV'S must have a minimum insurance coverage and state inspection sticker, in accordance with Texas State Laws.

(vi) All personnel will adhere to all depot fire, safety, security, and other applicable regulations.

#### 52.236-4032 SAFETY AND OCCUPATIONAL HEALTH REQUIREMENTS

(a) The contractor shall furnish all personnel and material necessary for the prevention of accidents, injury or damage to employees or equipment while operating on a Federal reservation. Also includes personnel and equipment necessary for the prevention of accidental damage to Government property, Federal employees or other U.S. Government contractor personnel.

(b) The contractor and his employees to include subcontractors and their employees, will comply with all Federal, state and local laws pertaining to traffic safety and safety of public rights of way. In

addition, the contractor or his authorized agent will comply with the Occupational Safety and Health Act Parts 1910 and 1926, the U.S. Army Engineer Manual 385-1-1, Army Regulations, Red River Regulations 385-1, and the Uniform Code of Traffic Control Devices.

(c) Each contractor shall have a written contractors safety program and policy. In cases where the subcontractor has a written regulation for its employees, a copy of that regulation will be forwarded to the contractor for forwarding to the Contracting Officer, prior to commencement of work.

(d) Subcontractors and Employees. Each subcontractor shall be considered a contractor employee for purposes of this section.

(e) Warning signs, barricades, and detours. The contractor shall furnish and erect adequate warning signs, flashing lights, and barricades to properly control traffic movements around or through the construction site. The contractor shall provide and maintain any detours or crossovers necessary for the safety and convenience of traffic.

(f) Contractor and Employee Vehicles. Contractor vehicles must meet with current state safety regulations and an appropriate sticker affixed in the lower left corner of the windshield. Vehicles not meeting the state safety codes will not be allowed on RRAD. Those which have a safety inspection expire while on RRAD will be removed and properly recertified NLT 15 days prior to the expiration date. Vehicles found to be out of inspection date will be ordered off of the depot and the contractor decal removed. Vehicles found by RRAD Safety personnel to be unsafe for RRAD operations will be brought to the attention of the contractor who will either repair the vehicle or remove it.

(g) Contractors are responsible for their employees' conduct and their vehicles. Employees with unsafe vehicles will be required to remove them from RRAD until they can be repaired.

(h) Accidents, other than minor first aid injuries, will be reported directly to the RRAD Safety Office at 2115 during duty hours. These are reportable on a Department of Army Form 285 when they occur on U.S. Federal property. The RRAD Safety Office will assist in the preparation of all accident reports at no cost to the contractor.

(i) The Contracting Officer will notify the contractor in writing of any observed non-compliance with the foregoing provisions. The contractor shall, after receipt of such notice, immediately take corrective action. The Safety Manager may make direct contact with a contractor or his authorized representative for conditions of imminent danger to life or U.S. Government property. In such cases, the Contracting Officer will be immediately notified. In cases which have the potential for embarrassment to the U.S. Government, or Red River Army Depot, the Contracting Officer will notify the contractor verbally to be followed up by a written report of the situation and the action to be taken to correct it. If the contractor fails or refuses to promptly take corrective action, the Contracting Officer will issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to such stop orders will be made the subject of a claim for extension of time or for excess costs or damages by the contractor unless it was later determined that the contractor was in compliance.

The contractor shall comply with all fire prevention measures prescribed in the installation fire regulations, a copy of which is on file in the office of the Contracting Officer. A written fire permit shall be obtained from the installation fire marshall for use of open flame devices, such as: blowtorches, portable furnaces, tar kettles, or gas and electric welding and cutting equipment in, or within 15 feet of buildings. The contractor shall be liable for any fire loss to Government property attributable to negligence on the part of the contractor, including failure to comply with fire prevention measures prescribed by terms of this contract.

#### 52.242-4003 PERSON TO CONTACT AFTER AWARD

NAME: \_Margie Ainley  
TELEPHONE: \_903-334-2296\_\_\_\_  
E-MAIL: \_margie.ainley@us.army.mil

#### 52.246-4001 INSPECTION AND ACCEPTANCE

Red River Army Depot  
Texarkana, Texas

#### 52.247-34 F.O.B. DESTINATION (NOV 1991)

(a) The term "f.o.b. destination," as used in this clause, means--

(1) Free of expense to the Government, on board the carrier's conveyance, at a specified delivery point where the consignee's facility (plant, warehouse, store, lot, or other location to which shipment can be made) is located; and

(2) Supplies shall be delivered to the destination consignee's wharf (if destination is a port city and supplies are for export), warehouse unloading platform, or receiving dock, at the expense of the Contractor. The Government shall not be liable for any delivery, storage, demurrage, accessorial, or other charges involved before the actual delivery (or "constructive placement" as defined in carrier tariffs) of the supplies to the destination, unless such charges are caused by an act or order of the Government acting in its contractual capacity. If rail carrier is used, supplies shall be delivered to the specified unloading platform of the consignee. If motor carrier (including "piggyback") is used, supplies shall be delivered to truck tailgate at the unloading platform of the consignee, except when the supplies delivered meet the requirements of Item 568 of the National Motor Freight Classification for "heavy or bulky freight." When supplies meeting the requirements of the referenced Item 568 are delivered, unloading (including movement to the tailgate) shall be performed by the consignee, with assistance from the truck driver, if requested. If the contractor uses rail carrier or freight forwarded for less than carload shipments, the contractor shall ensure that the carrier will furnish tailgate delivery, when required, if transfer to truck is required to complete delivery to consignee.

(b) The Contractor shall--

(1)(i) Pack and mark the shipment to comply with contract specifications; or

(ii) In the absence of specifications, prepare the shipment in conformance with carrier requirements;

- (2) Prepare and distribute commercial bills of lading;
- (3) Deliver the shipment in good order and condition to the point of delivery specified in the contract;
- (4) Be responsible for any loss of and/or damage to the goods occurring before receipt of the shipment by the consignee at the delivery point specified in the contract;
- (5) Furnish a delivery schedule and designate the mode of delivering carrier; and
- (6) Pay and bear all charges to the specified point of delivery.

(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)

#### 252.204-7004 CENTRAL CONTRACTOR REGISTRATION (52.204-7) 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)

252.212-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS (NOV 2006)

- (a) The Contractor agrees to comply with the following Federal Acquisition Regulation (FAR) clause which, if checked, is included in this contract by reference to implement a provision of law applicable to acquisitions of commercial items or components.

  X   52.203-3, Gratuities (APR 1984) (10 U.S.C. 2207).

(b) The Contractor agrees to comply with any clause that is checked on the following list of Defense FAR Supplement clauses which, if checked, is included in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items or components.

- (1) \_\_\_ 252.205-7000, Provision of Information to Cooperative Agreement Holders (DEC 1991) (10 U.S.C. 2416).
- (2) \_\_\_ 252.219-7003, Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (DoD Contracts) (APR 1996) (15 U.S.C. 637).
- (3) \_\_\_ 252.219-7004, Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (Test Program) (JUN 1997) (15 U.S.C. 637 note).
- (4) X 252.225-7001, Buy American Act and Balance of Payments Program (JUN 2005) (41 U.S.C. 10a-10d, E.O. 10582).
- (5) X 252.225-7012, Preference for Certain Domestic Commodities (JUN 2004) (10 U.S.C. 2533a).
- (6) X 252.225-7014, Preference for Domestic Specialty Metals (JUN 2005) (10 U.S.C. 2533a).
- (7) \_\_\_ 252.225-7015, Restriction on Acquisition of Hand or Measuring Tools (JUN 2005) (10 U.S.C. 2533a).
- (8) \_\_\_ 252.225-7016, Restriction on Acquisition of Ball and Roller Bearings (MAR 2006) (Section 8065 of Public Law 107-117 and the same restriction in subsequent DoD appropriations acts).
- (9) \_\_\_ 252.225-7021, Trade Agreements (NOV 2006) (19 U.S.C. 2501-2518 and 19 U.S.C. 3301 note).
- (10) \_\_\_ 252.225-7027, Restriction on Contingent Fees for Foreign Military Sales (APR 2003) (22 U.S.C. 2779).
- (11) \_\_\_ 252.225-7028, Exclusionary Policies and Practices of Foreign Governments (APR 2003) (22 U.S.C. 2755).
- (12)(i) \_\_\_ 252.225-7036, Buy American Act--Free Trade Agreements--Balance of Payments Program (OCT 2006) (41 U.S.C. 10a-10d and 19 U.S.C. 3301 note).
- (ii) \_\_\_ Alternate I (OCT 2006) of 252.225-7036.
- (13) \_\_\_ 252.225-7038, Restriction on Acquisition of Air Circuit Breakers (JUN 2005) (10 U.S.C. 2534(a)(3)).
- (14) \_\_\_ 252.226-7001, Utilization of Indian Organizations, Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns (SEP 2004) (Section 8021 of Pub. L. 107-248 and similar sections in subsequent DoD appropriations acts).
- (15) \_\_\_ 252.227-7015, Technical Data--Commercial Items (NOV 1995) (10 U.S.C. 2320).
- (16) \_\_\_ 252.227-7037, Validation of Restrictive Markings on Technical Data (SEP 1999) (10 U.S.C. 2321).
- (17) \_\_\_ 252.232-7003, Electronic Submission of Payment Requests (MAY 2006) (10 U.S.C. 2227).

(18) \_\_\_ 252.237-7019, Training for Contractor Personnel Interacting with Detainees (SEP 2006) (Section 1092 of Public Law 108-375).

(19) \_\_X\_ 252.243-7002, Requests for Equitable Adjustment (MAR 1998) (10 U.S.C. 2410).

(20)(i) \_\_\_ 252.247-7023, Transportation of Supplies by Sea (MAY 2002) (10 U.S.C. 2631).

(ii) \_\_\_ Alternate I (MAR 2000) of 252.247-7023.

(iii) \_\_\_ Alternate II (MAR 2000) of 252.247-7023.

(iv) \_\_\_ Alternate III (MAY 2002) of 252.247-7023.

(21) \_\_\_ 252.247-7024, Notification of Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631).

(c) In addition to the clauses listed in paragraph (e) of the Contract Terms and Conditions Required to Implement Statutes or Executive Orders--Commercial Items clause of this contract (FAR 52.212-5), the Contractor shall include the terms of the following clauses, if applicable, in subcontracts for commercial items or commercial components, awarded at any tier under this contract:

(1) 252.225-7014, Preference for Domestic Specialty Metals, Alternate I (APR 2003) (10 U.S.C. 2533a).

(2) 252.237-7019, Training for Contractor Personnel Interacting with Detainees (SEP 2006) (Section 1092 of Public Law 108-375).

(3) 252.247-7023, Transportation of Supplies by Sea (MAY 2002) (10 U.S.C. 2631).

(4) 252.247-7024, Notification of Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631).

(End of clause)

## Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 3	Funding		
Attachment 4	2110 (5 ea = \$150,000)		

## VENDOR QUOTE

### **BUILDING 493 FINAL QUOTE**

1. **General:** This purchase description is for the purchase and installation of DC operated torque tools with electronic controllers for Buildings 493, Rubber Products Division, Red River Army Depot, Texas. The first system described in Part 1 will provide the correct torque per drawing requirements when installing the pad nut on individual T-157I track shoes; See Appendix A, Illustration 1. The second system will provide the correct torque per drawing requirements for installation of the pin nut; See Appendix A, Illustration 1. These tools will be system components in the T-157I Track Assembly System designed by Production Engineering Division, Red River Army Depot. The tool controllers will provide both real time and historical data for the installation of pad nuts on the assembly line and be 100% compatible with each other. Part 3 will describe DC operated mounted tools for assembling the T-154 and T-150 double pin

track. Part 4 describes a mounted DC torque tool with controller for install wear flange nuts on the M1 Roadwheel (see Appendix A, Illustration 6)

A. The controller computer system (software must be fully functional without depending on intranet (local) network files and/or internet World Wide Web files.

B. Calibration and training manuals must be compatible with the controller model.

C. All torque tools values must be in accordance with the applicable T150 track drawings 12474844, T154 track drawing 12268550, T157I track drawing 12359466 and National Maintenance Work Requirements (NMWR) and / Depot Maintenance Work Requirements (DMWR), Technical Manual (TM) and Shop Work Instructions (SWI)

**PART I; Installing T-157I Pad Nut**  
**Atlas Copco ETX DC Electric System**  
**Part number TT-912**

- 1 ea. ETX62-230CT Telescopic DC Spindle (29 – 170 ft. lbs.) (330 RPM)
- 1 ea. PF3109 Compact Controller
- 1 ea. Socket 15/16" X 3/4" Drive 6 Pt.
- 1 ea. Controller Stand
- 1 ea. ETX RBU (Rapid Backup Unit)
- 1 ea. 5 Meter Tool Cable
- 1 ea. Articulating Torque Arm – Adjustable Height
- 1 ea. Remote Start Handle
- 1 ea. Light Box
- 1 ea. Serial Communications Cable
- 1 ea. Installation
- 1 ea. Calibration – 1 Year

**Total Price: \$24,978.00**

**PART 2; T-157I Track Pin Installation**  
**Atlas Copco ETX DC Electric System**  
**Part number TT-913**

- 1 ea. ETX72-600CT Telescopic DC Spindle (65 – 441 ft. lbs.) (110 RPM)
- 1 ea. Fixture slide with Tool Mounted
  - Including:
    - Controls – Solenoid Valve, Flow Control Valve, Cabling
    - Precision Slides
    - Air Cylinder 12"
- 1 ea. PF3109 Compact Controller
- 1 ea. Socket 15/16" X 3/4" Drive 12 Pt. Min. 1" Deep
- 1 ea. Controller Stand
- 1 ea. ETX RBU (Rapid Backup Unit)
- 1 ea. 5 Meter Tool Cable
- 1 ea. Light Box
- 1 ea. Installation
- 1 ea. Calibration – 1 Year

**Total Price: \$27,793.00**

**Atlas Copco ETX DC Electric System****Part number TT-913-1**

- 1 ea. PF3109 Compact Controller
- 1 ea. Socket 15/16" X 3/4" Drive 12 Pt. Min. 1" Deep
- 1 ea. Controller Stand
- 1 ea. Light Box
- 1 ea. ETP S9-450-20CTADS 80 -330 ft. lbs. 140 RPMs Hand Held
- 1 ea. Silver RBU
- 1 ea. 5 Meter Tool Cable
- 1 ea. Installation
- 1 ea. Calibration – 1 Year

**Total Price: \$25,566.00****PART 3; T-154 & T-150 Double Pin Track 8-Shoe Section Assembly****Atlas Copco ETX DC Electric System****Part number TT-914**

- 2 ea. ETX90-750CT Telescopic DC Spindle (110 – 551 ft. lbs.) (90 RPM)

**\*\*\* RPM'S DO NOT MEET RFQ REQUIREMENTS\*\*\***

- 2 ea. Quick Change Adapters
- 2 ea. PF3109 Compact Controller
- 2 ea. Socket 15/16" X 1" Drive 6 Pt. 1 1/2" O.D.
- 2 ea. Socket 1 1/8" X 1" Drive 6 Pt.
- 2 ea. Controller Stand
- 2 ea. ETX RBU (Rapid Backup Unit)
- 2 ea. 15 Meter Tool Cable
- 2 ea. 10 Meter Extension Cable
- 2 ea. Remote Start Handle
- 2 ea. Light Box
- 2 ea. Torque Tube w/controls (36" – 42" Working Window) \$8,000.00 ea.
- 2 ea. Serial Communications Cable
- 2 ea. Installation
- 2 ea. Calibration – 1 Year

**Total Price: \$82,290.00****Self Supported Bridge System w/Torque Tube****Part number TT-915**

- 2 ea. 20 ft. X 25 ft. Runway and Bridge System Consisting of:
  - Rail System - \$6,941.00 ea.
  - Structure -- \$6,761.00 ea.
  - 10.5 ft. Height to Bottom of Bridge
  - 500 lb. Capacity
  - 2 Bridges on each System
  - Air Festooning
  - 1/2" Coiled Hose

- Festoon Trolleys – DC Cable -
- Air Hoist 500 lb. - \$2,331.00 ea.
- Installed - \$6,400.00 ea.

**Total Price: \$42,943.00**

#### **Part 4; M1 Roadwheel Wear Flange Installation**

##### **Atlas Copco ETX DC Electric System**

##### **Part number TT-916**

- 1 ea. ETX62-230CT Telescopic DC Spindle (29 – 170 ft. lbs.) (330 RPM)
- 1 ea. Socket 15/16" X 3/4" Drive 6 Pt. 1 1/4" O.D. 2" Deep
- 1 ea. PF3109 Compact Controller
- 1 ea. Controller Stand
- 1 ea. ETX RBU (Rapid Backup Unit)
- 1 ea. 10 Meter Tool Cable
- 1 ea. 15 Meter Extension Cable
- 1 ea. Remote Start Handle
- 1 ea. Light Box
- 1 ea. Torque Tube (36" – 42" Working Window) \$6,800.00
- 1 ea. Serial Communications Cable
- 1 ea. Installation
- 1 ea. Calibration – 1 Year

**Total Price: \$31,318.00**

##### **Self Supported Bridge System**

##### **Part number TT-917**

- 1 ea. 30 ft. X 25 ft. Runway and Bridge System Consisting of:
  - Rail System - \$8,604.00 ea.
  - Structure - \$7,259.00 ea.
  - 10.5 ft. Height to Bottom of Bridge
  - 500 lb. Capacity
  - 2 Bridges
  - Air Festooning
  - 1/2" Coiled Hose
  - Festoon Trolleys – DC Cable
  - Air Hoist 500 lb. - \$2,331.00 ea.
  - Installed - \$6,900.00 ea.

**Total Price: \$24,184.00**

#### **General Requirements; All Applications**

##### **Optional Software**

- i. The vendor shall offer companion software for programming the tool controller and analysis of data collected by the system.
- ii. The software will have the following features and capabilities:
  1. Software interface will be user friendly and intuitive

2. The software will contain pre-programmed functions and tool routines for ease of programming
  3. The software must be configurable to produce custom reports desired by the end user
  4. The software will have the capability to export data to commonly used external programs such as but not limited to MS Excel.
  5. The software will allow real time monitoring of the processes in which the tools are in use
- iii. Vendor will supply two copies of the software; one copy for a remote computer to be used for maintenance troubleshooting and the other copy will be placed on the local network with a minimum of two (2) site licenses for process monitoring, data collection, and analytical purposes.

**Software :**

Tools Talk World 5 – 5 User License

No Charge

**BUILDING 345 ENGINE LINE FINAL QUOTE**

Stat	Description	Torque Range	Recommended Tool	Part #	Cummins Line	Detroit Line	Total Qty	Price each	Total Price
1	1/8" Plug	5 - 15	EP5PTX19 HR10-RE	TT-452	1	0	1	\$3,037.00	\$2,800.00
1	3/8" Plug	30 - 45							
1	Rear Cover	30 - 35							
1	Rt. Water Plate	30 - 35							
1	Oil Pump	30 - 35	EP6PTX32 HR10-RE	TT-452	1	2	3	\$3,069.00	\$8,700.00
1	1/2" Plug	45 - 55							
1	Cly. Head Crank Shaft	50 - 80	EP11PTX120 HR13-RE	TT-452	1	1	2	\$3,678.00	\$6,900.00
1		140 - 170 300 - 320 Loosen 140 - 170 300 - 320							
1	Side	25 70 - 75 140 - 150							
1	Piston Rods								
		55 - 60 90 - 100 Loosen 30 - 40 60 - 70 95 - 110	Inline ETX On Torque Tube Socket Tray	TT-554	1	1	2	\$48,354.00	\$91,250.00
2	Oil Pump Pick-up Tube	30 - 35	ST61-100-B13 Socket Tray	TT-453	1	0	1	\$22,439.00	
2	Oil Pump Pick-up Plate	17 - 19							

2	Oil Pan(bolt 1)	16 - 18							
2	Oil Pan(bolt 2)	25 - 39							
2	Fly Wheel Housing	25 55 - 60							
2	Injector Hold Down Clamp	30 - 35						\$21,000.00	
2	Fly Wheel	180 - 200							
2	Fly Wheel Adapter Front	330 - 350							
2	Pulley - Balancer	200 - 205							
2	Torque Head - Final	50 - 80 115 - 135 175 - 185 220 - 240 280 - 300							
			Inline ETX On Torque Tube Socket Tray	TT-554	1	1	2	\$48,354.00	\$91,250.00
3	Exhaust Collector Intake	70 - 75							
3	Manifold	20 45 (wait 15 minutes) 45							
3	Drive Assy. Valve Cover	30 -35							
3	Lower Valve Cover	30 - 35							
3	Upper Radiator Support	25 - 30							
3	Rt.	38 - 40							
3	Radiator Support Lt.	40 - 55							
3	After Cooler Water	22 - 25							
3	Tube and Supports	30 -35	ETVST61-100-B13 Socket Tray I/O Expander	TT-453	1	0	1	\$23,899.00	\$22,500.00
4	Turbo	70 - 75							
4	Oil Line Rt.	30 - 35							
4	Exhaust Manifold	35 60	ETVST61-100-B13 Socket Tray	TT-453	1	0	1	\$22,439.00	\$21,000.00
4	Hose		ETB10i		1	0	1	\$1,085.00	\$1,000.00

	Clamps								
4	Starter	150 - 170							
5	Lt. Water Plate	30 - 35							
5	Lt. Exhaust Manifold								
		35 60							
5	Oil Cooler Drain Tube	30 - 35	ETVST61-100-B13 Socket Tray	TT-453	1	0	1	\$22,439.00	\$21,000.00
Rail	Rail System Header Steel								
	Runways Bridges Installed	100 ft.	Runway and Bridge System	TT-451	1	1	2	\$75,190.00	\$140,000.00
	ACTA System Tool Cart for ACTA 3000		Checking Pulse Gun Torque	TT-450	1	1	2	\$12,790.00	\$24,000.00
	<b>BACK UP TOOLING</b>								
	ETX - In- line Controller / RBU / Cable	Sta. 2 Sta. 1 and 2	Back-up Station 2 Back-up 1 and 2		1	0	1	\$8,200.00	\$7,700.00
	ETVST61- 100-B13 Controller / RBU / Cable	2,3,4,5 Sta. 2,3,4,5	Back-up 2,3,4,5 Back-up 2,3,4,5		1	0	1	\$7,408.00	\$7,000.00
	EP5PTX1 9 HR10- RE	Sta. 1	Back-up Station 1		1	0	1	\$3,037.00	\$2,800.00
	EP6PTX3 2 HR10- RE	Sta. 1	Back-up Station 1		1	0	1	\$3,069.00	\$2,900.00
	EP11PTX 120 HR13- RE	Sta. 1	Back-up Station 1		1	0	1	\$3,678.00	\$3,400.00
									\$500,950.00
								<b>TOTAL:</b>	\$500,950.00

All torque tools values must be in an accordance with the applicable T150 track drawings 12474844, T154 track drawing 12268550, T157I track drawing 12359466 and National Maintenance Work Requirements (NMWR ) and / Depot Maintenance Work Requirements (DMWR), Technical Manual (TM) and Shop Work Instruction s(SWI)