

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	21
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 07-Mar-2012	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY AFGHANISTAN DISTRICT SOUTH (AES) US ARMY CORPS OF ENGINEERS APO AE 09355	CODE W5J9LE	7. ADMINISTERED BY (If other than item 6)		CODE	
		See Item 6			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. W5J9LE-12-T-0008	
			X	9B. DATED (SEE ITEM 11) 24-Feb-2012	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE			FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this Amendment is to: 1.) Extend the due date of proposals until 16 March 2012 at 11:00AM, local Afghanistan time. 2.) Answer questions received. See attachment. 3.) Revise the Pricing Schedule. Contractors should use the new version that is incorporated via this Amendment. 4.) Correct the PWS Section 2.0, Assessment Report to indicate CLIN 2000. See revised section. 5.) Correct PWS-Attachment 1 to remove two generators (Serial Numbers FGWPSE8GEES00675 and FGWRPES5CPWA00254). Offerors must acknowledge this Amendment by returning a signed copy of the Amendment or by referencing the Amendment in their quote. The USACE Contracting POC for this action is Lane M. Gary, lane.m.gary@usace.army.mil.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)		07-Mar-2012	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 1449 - CONTINUATION SHEET

SOLICITATION/CONTRACT FORM

The required response date/time has changed from 15-Mar-2012 11:00 AM to 16-Mar-2012 11:00 AM.

The following have been added by full text:

AMENDMENT 1-Q&A

1. Will the responsive bidder be granted space within the borders of each site to perform assessment, maintenance and repair?

Answer: The contractor may perform the assessment, maintenance, and repairs at the sites.

2. Who will coordinate access to include escorts and badging, if required, to each site for the responsive bidder?

Answer: Each location has a USACE presence and the COR and USACE points of contact will provide the contractor with the appropriate badging points of contact and as much assistance as can reasonably be provided by the Government.

3. What constitutes the hours of the work date and week for assessment, maintenance and repair of the associated CLINS with respect to Solicitation: W5J9LE-12-T-0008 at each of the proposed sites?

Answer: This is a non-personal services contract and work hours are up to the contractor, but should be coordinated with the COR so that inspections and oversight can be performed by the Government when required. USACE employees work from 0700 until at least 1730 6 days per week with the exception of a flexible half day on Fridays. Therefore, scheduling meetings with USACE should not be difficult.

4. How will the responsive bidder vehicles and equipment be cleared for entrance to the military installation?

Answer: They will need to supply specific information to the ACC ANA G2 prior to entry. Same for the JRAC. The forms are not releasable on the Internet, but there are well-established procedures for clearance.

5. Will the responsive bidder's vehicles and Material Handling Equipment (MHE) be subject to mandatory "soaking" periods prior to entering each military site?

Answer: With the Afghan National Army it really depends on the day, time, mood of the day.

6. Are there any constraints / restraints for vehicle size or configuration to access any site?

Answer: Not that we are aware of. Major construction projects are ongoing at most of the sites and large equipment is granted access.

7. Is the responsive bidder responsible for its own security to escort their vehicle to and from each site?

Answer: Yes. USACE cannot provide weapons or security.

8. On page 28 out of 100 of the PWS states: CLIN 1006-1006AA Base; “JRAC RLC New site Kandahar, Kandahar Province. Prepare Assessment Report for Gen. #1, 2, 3, & 4) (Perkins434 KW), however there is only a quantity of (1). Can you clarify or confirm if there are (4) generators for assessment or only (1).

Answer: One (1). The pricing schedule is corrected via Amendment 2.

9. With respect to page 32 of 100 of the PWS: “...The Assessment report shall include the cost for parts over and beyond the cost of the Basic Top End Overhaul CLIN, to be charged against CLIN 0010, “OVER AND ABOVE REPAIR WORK” Allowable charges against CLIN 2000 include the invoice cost of the parts plus a 15% mark-up to cover installation and overhead, plus shipping and delivery.”

This reference has the appearance of a direct cut and paste from a past response to a similar solicitation. CLIN 2000 clearly states “The cost for this firm fixed repair work will be based on the cost estimates provided from the assessments.

Answer: The reference to CLIN 0010 is incorrect. It should read CLIN 2000.

10. Why is the U.S. government requiring the responsive bidders invoice cost? What is the basis and/or cost factor to where the 15% for labor and material is derived? Is this the criteria that will be used against the “Lowest Priced Technically Acceptable (LPTA) Firm-Fixed-Price (FFP) requirement?”

Answer: On generator overhaul work, much like any commercial maintenance and repair effort, the entire level-of-effort and inventory of parts cannot be priced until the generators are thoroughly examined and opened by a qualified contractor. The Government has included options and established a normalized amount for CLIN 2000 with a fixed profit on over-and above parts. This strategy protects quality contractors from competitors who simply “buy-in” to a requirement and depend on countless “change orders” to make them whole.

PRICING SCHEDULE-AMENDMENT 1**Pricing Schedule-Amendment 1**

Item No	Supplies/Services	Quantity	Unit	Unit Price	Total Price
1000- 1000A A Base	UP Provincial HQ , Qala-I-Naw, Badghis Province Prepare Assessment Report for Gen. #1 and Gen #2 (Caterpillar 350 KW)	2	Each		
1000A B Base	Perform Top End overhaul for Gen. #1 and Gen #2 (Caterpillar 350 KW)	2	Each		
1001- 1001A A Base	UP Dist. HQ , Changchanran, Ghor Province Prepare Assessment Report for Gen. #1 and Gen #2 (Caterpillar 320 KW)	2	Each		
1001A B Base	Perform Top End overhaul for Gen. #1 and Gen #2 (Caterpillar 320 KW)	2	Each		
1002- 1002A A Base	UP RCC/ RCL Guzara, Herat Province Prepare Assessment Report for Gen. #1, 2, and 3 – (Teksan 680 KW)	3	Each		
1002A B Base	Perform Top End overhaul for Gen. #1, 2, and 3 – (Teksan 680 KW)	3	Each		
1003- 1003A A Base	UP Provincial HQ, Lashkar Ghar, Helmand Province Prepare Assessment Report for Gen. #1, (Perkins 550 KW)	1	Each		

1003A B Base	Perform Top End overhaul for Gen. #1, (Perkins 550 KW)	1	Each		
1004- 1004A A Base	ANCOMP Patrol, Lakshar Ghar, Helmand Province Prepare Assessment Report for Gen. #1 (Perkins 700KW)	1	Each		
1004A B Base	Perform Top End overhaul for Gen. #1 (Perkins 700KW)	1	Each		
1005- 1005A A Base	Herat Off-site Well, Herat Province Prepare Assessment Report for Gen. #1 (Kohler 350 KW) & Gen. #2 (Perkins 275KW)	2	Each		
1005A B Base	Perform Top End overhaul for Gen. #1 (Kohler 350 KW) & Gen. #2 (Perkins 275KW)	2	Each		
1006- 1006A A Base	Camp Shorabak Garrison, Washer, Helmand Province Prepare Assessment Report for Gen. #1,2,3,4 & 5 (Cummins 1375 KW)	5	Each		
1006A B Base	Perform Top End overhaul for Gen. #1,2,3,4 & 5 (Cummins 1375 KW)	5	Each		

1007-	205th Air Corps Cantonment Kandahar, Kandahar Province				
1007A A Base	Prepare Assessment Report for Gen. #1,2,3,& 4) (Perkins 400 KW)	4	Each		
1007A B Base	Perform Top End overhaul for Gen. #1,2,3,& 4) (Perkins 400 KW)	4	Each		
1008-	JRAC RLC New site Kandahar, Kandahar Province				
1008A A Base	Prepare Assessment Report for Gen. #1 (Perkins 434 KW)	1	Each		
1008A B Base	Perform Top End overhaul for Gen. #1 (Perkins 434 KW)	1			
2000	OVER AND ABOVE REPAIR WORK The contractor will perform generator repairs that are not covered under the 1000 series CLINs. The cost for this firm fixed repair work will be negotiated based on cost estimates provided from the Assessments.		TBD	TBD	NOT TO EXCEED \$200,000
3000	DBA Insurance* (CLINs 1000-2000)	1	Lum p Sum		
4000 Option	Major Overhaul of 275 - 450 KW generator (only 1 major overhaul anticipated)	1	Each		

4001 Option	DBA Insurance* (CLIN 4000)	1	Lum p Sum		
5000 Option	Major Overhaul of 550 - 700 KW generator (only 1 major overhaul anticipated)	1	Each		
5001 Option	DBA Insurance* (CLIN 5000)	1	Lum p Sum		
6000 Option	Major Overhaul of 1375 KW generator (only 1 major overhaul anticipated)	1	Each		
6001 Option	DBA Insurance* (CLIN 6000)	1	Lum p Sum		
7000	Contractor Manpower Reporting**	1	Lum p Sum		

Total Pricing (ALL CLINs, including options): \$_____

*The amount listed by the offeror on this CLIN is the estimates DBA Insurance premium (estimated payroll of the offeror and its subcontractors times the applicable rate(s)). The DBA insurance premium amount varies with payroll and the nature of services and will, therefore, be taken into account during price evaluation of offers. The actual amount paid by the Government under this CLIN will be based on the amount of the Rutherford invoice, stamp "paid" and submitted by the offeror after contract award. In the event of recalculation of the premium by CAN based on actual payroll amounts, the Contracting Officer will adjust this CLIN by contract modification to reflect the actual premium amounts paid.

Contractor Manpower Reporting (CMR) Requirement in accordance with the Accounting for Contract Services Requirement paragraph in the order. **CONTRACTOR SHOULD EITHER INDICATE THAT THERE IS NO CHARGE FOR CMR OR LIST A PRICE NOT TO EXCEED \$500.00. Any CMR costs will be considered in the total evaluated price of the offeror.

The following have been modified:

PERFORMANCE WORK STATEMENT

PERFORMANCE WORK STATEMENT (PWS)

ANA and ANP Generator Overhauls, Southern Afghanistan

W5J9LE-12-T-0008

7 March 2012

1.0 GENERAL

This project is for the preparation of individual Assessments and performance of required repairs overhauls work to the generators described below located at the UP Provincial HQ, Qala-I-Naw District, Badghis Province; UP Dist. HQ, Changchanran District, Ghor Province; UP RCC/RCL, Guzara District, Herat Province; Herat off-site well, Herat Province; UP Provincial HQ, Lashkar Ghar District, Helmand Province; ANCOMP Patrol, Lashkar Ghar District, Helmand Province; Camp Shorabak Garrison, Washer District, Helmand Province; 205th Air Corps Contonment Kandahar, Kandahar Province; and the JRAC RLC New site, Kandahar, Kandahar Province. Site coordination will be arranged with the contractor at a post award conference. Sites may be deleted or other sites added via modification within the Area of Responsibility of the USACE Afghanistan District. All services shall be performed in strict accordance with the specifications as described in the Performance Work Statement, and subject to the other terms and conditions as described herein. The contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, labor, and any other items and non-personal services necessary to perform the required work.

Immediately after award, the contractor shall apply for DBA Insurance per the instructions in the award letter and the contract. Work may commence upon acknowledgement from Rutherford/CNA that they have received and accepted the DBA application and will process the policy back to the effective date requested in the application. It is not necessary for the contractor to wait for the finalized paperwork (which normally takes 15 business days) from Rutherford prior to commencing work. There will not be a formal written Notice to Proceed (NTP) issued by the Government since this requirement is not for construction, but the contractor shall consider the receipt of the accepted DBA application from Rutherford to be his NTP unless otherwise directed by the Government. The term NTP will be used throughout the rest of this document for purposes of simplification.

2.0 ASSESSMENT REPORT

2.1 Within 30 days after NTP, the contractor shall initiate assessments for each of the generators identified herein and complete an Assessment Report for at least 12 of the generators within 45 days after NTP, with the remaining Assessment reports provided within 60 days after NTP.

Within 5 days of NTP, the Government will prioritize which generators are to be assessed within

the first 45 days. Attachment 1 lists the make and model of each of the generators and also a summary of the generator operating hours as of 14 January 2012. The Assessment Report will include a general assessment of the overall generator system as a whole (both engine and alternator components) and an evaluation with recommendations on with regard to “necessary” and “recommended” repairs for a fully operational generator system. The recommendations could include top end overhauls, major overhauls, major component service, engine replacements, or even total system replacement. The Assessment report shall include the cost for parts over and beyond the cost of the Basic Top End Overhaul CLIN, to be charged against CLIN 2000, “OVER AND ABOVE REPAIR WORK” Allowable charges against CLIN 2000 include the invoice cost of the parts plus a 15% mark-up to cover installation and overhead, plus shipping and delivery.

2.2 The Assessment report shall also provide a schedule for performing the overhaul in accordance with the manufacturer’s manual for top end and major overhauls, including time to obtaining parts associated with “Major Component Replacement and Major Overhaul” as described in Par. 4. No more than one generator at a facility may be worked on at a time, unless authorized in writing by the COR. The Contractor is expected to have available all parts associated with the “Top End Overhaul”, per Par. 3. The Contractor shall provide with the Assessment Report the manufacture’s manual for overhaul requirements and documentation.

2.3 Following review of the Assessment, the contractor and COR will discuss and reach agreement on the specific work to be accomplished for each Generator. The Contractor shall commence work within 30 days of notification and complete work at each site within 60 days of notification. The Contractor shall be able to work at least 3 sites concurrently.

3.0 TOP END (CYLINDER HEAD) OVERHAUL (CLINS 1000 series)

Following Generator Assessment and after consultation with the COR, the contractor shall perform all of the operations, repairs, and testing per the manufacturer’s recommendation. Contractor shall include in his bid the cost for replacing/refurbishing all required parts as recommended by the manufacturer in accordance with subpara A-G below:

A. Cylinder heads (each) - removal, cleaning, disassembly, inspection, testing and as-required refurbishment or replacement.

- Rocker arms
- Rocker arm shafts
- Inlet and exhaust valves
- Valve bridges (if applicable)
- Valve bridge locating studs
- Valve guides
- Valve springs
- Valve spring caps, rotators, keepers
- Valve seats

- Fuel gallery leak test
- Cylinder head inspection, hydrostatic test and NDT (Dye-penetrant or Magnetic Particle inspection)

B. Cleaning, inspection and as-required refurbishment, to include the following:

- Disassemblies of a limited number of cylinder components (pistons/liners/con-rod bearings) to determine wear progression/need for further investigation.
- Replace all fuel injectors
- Fuel injector calibration
- Fuel injection pump calibration to include throttle leakage
- Vibration damper
- Water pump (s)
- Cold Starting Adds (heaters, glow plugs, etc.)
- Heating system (oil or coolant)
- Fan Idle pulley tensioner
- Engine shutdown system
- Clean entire engine
- Replace all thermostat
- Replace all engine belts
- Inspect all turbo chargers
- Grease generator bearings

C. Engine controls/sensors:

- Cleaning and inspection

D. Main circuit breaker:

- Cleaning, inspection, testing and as-required refurbishment or replacement of up to 25% of components of Breaker assembly -Bus bar/connection lugs -Cabling - Solenoid(s) -Charging motor

E. Alternator and associated controls/sensors:

- Cleaning and inspection

F. Wiring harnesses (looms):

- Cleaning, inspection, and secure against damages.

G. Generator electronic command controller:

- Cleaning and inspection

4.0 MAJOR COMPONENTS REPLACEMENT

4.1. As identified during the Assessment and after consultation with the COR, replace major component items such as the alternator, turbochargers, radiator, fan motors, etc. with costs to be charged against CLIN 2000.

5.0 MAJOR OVERHAUL As identified during the Assessment and after consultation with the COR, perform required major overhaul to include but not limited to the following, with costs to be charged against major overhaul CLINs. Parts requiring replacement as identified in the Assessment and as agreed upon by the COR, will be charged to CLIN 2000.

A. Pistons, connecting rods, cylinder liners - cleaning, disassembly, inspection, testing and as-required refurbishment or replacement.

B. Crankshaft/main bearings – cleaning, inspection and as-required refurbishment or replacement, including:

- Journal/fillet condition
- Thrust face condition
- Measurement of journals
- Wear sleeves
- Main bearing caps and bolts
- Vibration damper
- Drive gear(s)
- Flywheel, including ring-gear
- Drive plates for alternator

C. Cylinder block – cleaning, inspection and as-required refurbishment,

- Inspection of mating/sealing surfaces for trueness, cracks, corrosion or fretting wear
- Replacement of camshaft bushings
- Replacement of seals
- Hydrostatic testing
- Inspection/replacement of locating pins and studs
- Cleaning of all oil/fuel galleries
- Cleaning/inspection of piston cooling oil nozzles
- Inspection of all studs and tappings
- Inspection of coolant galleries (corrosion/deposits)

D. Gear Train(s) – Inspection, and as-required refurbishment, or replacement of gears, including associated bearings and bushings. Gears on driven components will be included.

E. Camshafts/Valve Train – Inspection and as-required refurbishment, including: of bearing journals, drive gear and lobes for wear/damage.

- Cam journals and lobes
- Bushings and shafts
- Levers/Rollers/Pins
- Push rods

F. Cooling system - Cleaning, inspection, testing and as-required refurbishment or replacement of cooling system components, including: Radiator or Water pumps (Jacket and Aftercooler, if appropriate)

- Water pump drive adapter (if used)
- Oil cooler(s)
- Aftercooler cores
- Aftercooler heat exchanger(s)
- Temperature regulators/thermostats
- Valves

G. Water treatment accoutrements: - Inspection/refurbishment of fan drive components, including:

- Bearings o Shafto Grease fittings
- Sheave(s)
- Fan hubs and blades
- Tensioners
- Idlers
- Fan shrouds and guards
- Cleaning of all air ducting
- Replacement of all gaskets, seals, belts and hoses

H. Lubrication system:

- Cleaning, inspection and as-required refurbishment or replacement of system components
- Pump/Pressure relief valve(s)
- Filter heads
- Piping
- Piston cooling nozzles
- Replacement of all gaskets, seals and hoses

I. Fuel system:

- Cleaning, inspection and as-required refurbishment or replacement of fuel system components
- Supply (lift) pump
- Filter heads
- Piping
- Fuel/water separator

- Cooler/ Injection pump
- Injectors (atomizers)
- Relief valves
- Pressure/volume control orifices
- Manifolds/valves
- Installed fuel tank, if in use
- Replacement of all gaskets, seals, fuel injectors, and hoses

J. Combustion air system:

- Cleaning, inspection and as-required refurbishment of air system components, including
- Air cleaner(s)
- Turbocharger(s)
- Air ducting
- Replacement of all gaskets, seals and hoses
- Testing/replacement of air filter restriction indicator(s)

K. Exhaust system - Inspection and as-required refurbishment or replacement of system components, including:

Note: No asbestos will be used in refurbishment actions

- Exhaust manifold o Gaskets and sealing rings
- Exhaust piping and silencers
- Flexible joints o Insulation/heat shields
- Support brackets
- Rain caps and collars, if installed
- Replacement of all gaskets and seals
- Corrosion control and repainting

L. Electrical - Perform all of the operations, repairs, and testing per the manufacturer's recommendations. These appendices are items to be looked at and evaluated and are not all inclusive. The contractor shall obtain the latest manufacturer's manuals for the exact model generator defining the specific requirements for engine overhaul, including startup and commissioning procedures.

6.0 GENERAL

6.1 PERIOD OF PERFORMANCE:

Reference the Delivery Information section that will be in the SF 1449 award for the specific period of performance. The overall performance period is estimated to be 180 days from date of NTP.

6.2 ENGLISH LANGUAGE REQUIREMENTS

All information shall be presented in English. The Contractor shall have a minimum of one (1) English-speaking representative to communicate with the COR at all times when work is in progress.

6.3 ENVIRONMENTAL PROTECTION

6.3.1 APPLICABLE REGULATIONS

The Contractor shall comply with all Host Nation laws, rules, regulations or standards concerning environmental pollution control and abatement with regard to discharge of liquid waste into natural streams or manmade channels. The Contractor shall review host nation and U.S. Government environmental regulations with the Contracting Officer prior to design and discharge of any liquid wastes into natural streams or manmade channels.

6.3.2 NOTIFICATION

The Contracting Officer will notify the Contractor in writing of any observed non-compliance with the foregoing provisions. The Contractor shall immediately take corrective action. If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No extension of time or damages will be awarded to the Contractor unless it was later determined that the Contractor was in compliance.

6.3.3 SPILLAGES

Measures shall be taken to prevent chemicals, fuels, oils, greases, bituminous materials, waste washings, herbicides and insecticides, and construction materials from polluting the construction site and surrounding area.

Contractor will be responsible for any cleanup costs in the event of contamination, including improper disposal.

6.3.4 DISPOSAL

The Contractor is responsible for properly disposing all waste material resulting from this project. Disposal of any materials, wastes, effluents, trash, garbage, oil, grease, chemicals, etc., shall be subject to the approval of the Contracting Officer. Burning at the project site for the disposal of waste and debris will not be permitted.

6.4 ACRONYMS:

ACOR	Alternate Contracting Officer's Representative
AFARS	Army Federal Acquisition Regulation Supplement
AR	Army Regulation
CCE	Contracting Center of Excellence
CFR	Code of Federal Regulations
CLIN	Contract Line Item Number

CONUS	Continental United States (excludes Alaska and Hawaii)
COR	Contracting Officer Representative
COTR	Contracting Officer's Technical Representative
COTS	Commercial-Off-the-Shelf
DA	Department of the Army
DD250	Department of Defense Form 250 (Receiving Report)
DD254	Department of Defense Contract Security Requirement List
DFARS	Defense Federal Acquisition Regulation Supplement
DMDC	Defense Manpower Data Center
DOD	Department of Defense
FAR	Federal Acquisition Regulation
HIPAA	Health Insurance Portability and Accountability Act of 1996
HVAC	Heating, Ventilation, and Cooling
IJO	Individual Job Order
KO	Contracting Officer
OCI	Organizational Conflict of Interest
OCONUS	Outside Continental United States (includes Alaska and Hawaii)
ODC	Other Direct Costs
PIPO	Phase In/Phase Out
POC	Point of Contact
PRS	Performance Requirements Summary
PWS	Performance Work Statement
QA	Quality Assurance
QAP	Quality Assurance Program
QASP	Quality Assurance Surveillance Plan
QC	Quality Control
QCP	Quality Control Program
TE	Technical Exhibit

6.5 GOVERNMENT FURNISHED ITEMS AND SERVICES:

Services: The Government will not provide any services under this contract.

Facilities: The Government will not provide any facilities under this contract.

Utilities: The Government will not provide any utilities under this contract.

Equipment: The Government will not provide any equipment under this contract.

Materials: The Government will not provide any materials under this contract.

6.6 TEMPORARY STRUCTURES

The Contractor shall erect suitable temporary facilities, lighting, and necessary structures to safeguard the site, materials and plant against damage or theft and for the protection of the general public and shall adequately maintain the same throughout the course of the contract.

6.6.1 PROJECT CHECKLISTS

The Contractor shall provide completed checklists based on manufacturer requirements from the manufacturer manuals to verify completion of items for each generator submitted to the COR upon completion of the work.

6.6.2 OPERATING INSTRUCTIONS

The Contractor shall provide revised operating instructions if changes have been made in the design and operation of the generators, synchronizing equipment, load bank, and other associated equipment. The Contractor shall submit these revised instructions to the COR for approval.

6.7 LIMITATIONS OF WORKING SPACE

The Contractor shall, except where required for service connections or other special reason(s), confine his operations strictly within the boundaries of the site. Workers will not be permitted to trespass on adjoining property. Any operations or use of space outside the boundaries of the site shall be by arrangement with all interested parties. It must be emphasized that the Contractor must take all practical steps to prevent his workers from entering adjoining property and in the event of trespass occurring the Contractor will be held entirely responsible. Areas located immediately outside the construction area are known to contain mines and unexploded ordnance (UXO). Contractors assume all risks when venturing in or out of the designated work areas.

6.8 UNEXPLODED ORDANCE (UXO) – MINE REMOVAL AND CLEARANCE

UXO-mine removal and clearance is not required.

6.9 PORTABLE SANITARY FACILITIES

Contractor shall furnish and install portable latrine units with hand-sanitizer dispenser at site location(s).

Contractor shall furnish and install adequate hand-wash units at site location(s). Each wash unit shall consist of a basin, foot controlled wash water dispenser, hand soap dispenser, and towel dispenser.

6.10 EQUIPMENT REQUIREMENTS

Unless noted otherwise, all material and equipment used shall be of the same model and type as that already installed. Material and equipment installed under this contract shall be for the appropriate application and installed in accordance with manufacturers recommendations. Items or equipment from local suppliers or manufacturers not meeting these requirements must be approved by the Contracting Officer.

Major components of equipment shall have the manufacturer's name, address, type or style, and part number attached to it. All equipment delivered and placed in storage, prior to installation, shall be protected from the weather, humidity and temperature variation, dirt and dust, and any other contaminants. All equipment supplied by the Contractor shall be in new condition, undamaged and unused.

6.10.1 DELIVERY, STORAGE, AND HANDLING

Deliver equipment and material required for this project to their final locations in protective wrappings, containers, and other protection that will exclude dirt and moisture and prevent damage from construction operations. Remove protection only after equipment is safe from such hazards.

6.11 SUBMITTALS

Within 30 days of NTP, the contractor shall submit the following:

- a. All manufacturer's manuals describing the requirements for generator overhaul including engine overhaul, alternator overhaul, and commissioning. The manuals shall be specific to the model of each generator.

6.12 APPLICABLE STANDARDS

The latest edition of the following codes and technical criteria and those referenced herein shall be required for this project. References within each reference below shall be required and adhered to. This list is not exhaustive and is not necessarily complete.

ASME - American Society for Mechanical Engineering
ASTM - American Society for Testing and Materials
AWS - American Welding Society
IEEE C2, National Electrical Safety Code (NESC)
IFGC – International Fuel Gas Code
Codes and Standards of the National Fire Protection Association (NFPA)
National Electrical Safety Code (NESC)
Institute of Electrical and Electronic Engineers (IEEE C2)
British Standards 7671, Latest Edition
NFPA 70, National Electrical Code
NFPA 110, Standard for Emergency and Standby Power Systems
NFPA 30, Flammable and Combustible Liquids Code
NFPA 90A, Air Conditioning and Ventilating Systems,
NFPA 37
IFGC – International Fuel Gas Code
IMC – International Mechanical Code
IPC – International Plumbing Code
IEEE C2, National Electrical Safety Code (NESC)
TM 5-805-4 Noise and Vibration
TM 5-811-1 Electrical Power Supply and Distribution
UFC 3-540-04N Design: Diesel Electric Generating Plants
UFC 3-550-03FA Design: Electrical Power Supply and Distribution System
ACI 301M Specifications for Structural Concrete (latest edition), American Concrete Institute
ACI 318 Building Code Requirements for Structural Concrete (latest edition), American Concrete Institute
American Institute of Steel Construction (AISC), Specifications for Structural Steel Buildings
ARI - Air Conditioning and Refrigeration Institute
ASCE 7, Minimum Design Loads for Buildings and Other Structures

ASHRAE - American Society of Heating, Refrigeration and Air-Conditioning
ASHRAE Standard 62.1-latest edition, Ventilation for Acceptable Indoor Air Quality
ASME - American Society for Mechanical Engineering
ASTM - American Society for Testing and Materials
AWS D1.1, Structural Welding Code – Steel (latest edition), American Welding Society
NFPA 1, General Fire Protection
TM 5-811-1 Electrical Power Supply and Distribution
UFC 1-200-01, Design: General Building Requirements
UFC 1-300-07A Design Build Technical Requirements
UFC 1-300-09N, Design Procedures
UFC 3-310-01, Structural Load Data
UFC 3-410-01FA Heating, Ventilating and Air Conditioning
UFC 3-410-02A, HVAC Control Systems,
UFC 3-410-04N, Industrial Ventilation
UFC 3-430-01FA, Heating and Cooling Distribution Systems
UFC 3-460-01, Petroleum Fuel Facilities,
UFC 3-501-03N, Electrical Engineering Preliminary Considerations
UFC 3-520-01, Interior Electrical Systems
UFC 3-540-04N Design: Diesel Electric Generating Plants
UFC 3-550-03FA Design: Electrical Power Supply and Distribution Systems
UFC 4-020-03, Security Engineering: Fences, Gates, and Guard Facilities
Applicable UL Standards
Unified Facility Criteria (UFC) is available online at:
http://www.wbdg.org/ccb/browse_cat.php?o=29&c=4

Standards other than those mentioned above may be accepted if the standards chosen are internationally recognized and meet the minimum requirements of the specified standards. The Contractor shall be prepared to submit proof of this if requested by the Contracting Officer.

The Contractor shall comply with USACE EM 385-1-1 safety regulations.

Attachment 1-

See attached

--END OF SECTION--

Performance Requirements Summary

- Within 30 days after NTP, the contractor shall initiate assessments for each of the generators identified herein and complete an Assessment Report for at least 12 of the generators within 45 days after NTP, with the remaining Assessment reports provided within 60 days after NTP.
- The Assessment Report will include a general assessment of the overall generator system as a whole (both engine and alternator components) and an evaluation with recommendations on with regard to “necessary” and “recommended” repairs for a fully operational generator system.
- Complete all repairs consistent with commercial practices and utilizing original parts or approved equivalent.
- Complete all work safely and without disruption to power services at the installations.

PWS-ATTACHMENT 1

TOP END OVERHAULS 1st Quarter 2012 Attachment 1								
Prov ince	District	Name	CMM S ID	Make	Size	Serial No.	Hrs.	Comments
Bad ghis	Qala-l- Naw	UP Provincial HQ.	900	Gen 1 Caterpillar	350 KVA	1DZ16854	8822	
Bad ghis	Qala-l- Naw	UP Provincial HQ.	900	Gen 2 Caterpillar	350 KVA	1DZ14957	10262	
Her at	Guzara	UP RCC/RCL	500	Gen 1 Teksan	680 KVA	MV24858 Type MJB 355 MA4	10628	
			500	Gen 1 Teksan	680 KVA	MV24858 Type MJB 355 MA4	6548	Not Running
			500	Gen 1 Teksan	680 KVA	MV24858 Type MJB 355 MA4	9897	
Her at	Herat	Off Site Well	2070 01	Gen 1 Kohler	350 KVA	2085727	16146	
Her at	Harat	Off Site Well	2070 01	Gen 2 Perkins	275 KVA	FGWNAV02C FOB00750	6939	
Hel man d	Lashkar Ghar	UP Provincial HQ	2700	Gen 1 Perkins	550 KVA	FGWRPES5C PWA00234	10444	
Kan dah ar	Kandah ar	205th Air Corps Contonment	2050 06	Gen 1 Perkins	400 KVA	FGDF4024U116 98S	1891	New Run Meter about 10K
Kan dah ar	Kandah ar	205th Air Corps Contonment	2050 06	Gen 2 Perkins	400 KVA	FGDF4024U1 1697S	13261	
			2050 06	Gen 3 Perkins	400 KVA	FGDF402U10 939S	11296	
			2050 06	Gen 4 Perkins	400 KVA	FGDF4024U101 98R	8073	
Gho r	Changc hanran	UP Dist HQ	2500	Gen 1 Caterpillar	320 KVA	CAT00000CC 2G04405	5431	
Gho r			2500	Gen 2 Caterpillar	320 KVA	CAT00000CC G04390	5560	

Helmand	Lakshar Ghar	ANCOMP Patrol	2701	Perkins	700	FGWPSEI8GES01010	6611	
Helmand	Washer	Camp Shorabak Garrison	215001	Cummins	1375	LO50689151/33162507	19716	2nd Overhaul
			215001	Cummins	1375	A060881727/33162508	18618	2nd Overhaul
			215001	Cummins	1375	H07KADM630/25322707	12239	2nd Overhaul
			215001	Cummins	1375	A060881729/33162526	20389	2nd Overhaul
			215001	Cummins	1375	L050869150/33162533	20255	2nd Overhaul
Kandahar	Kandahar	JRAC RLC New site	301	Perkins	434	MGB063011U8789P	7231	

The following have been deleted:

PRICING SCHEDULE

(End of Summary of Changes)