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April 7, 2015

**IFB 169071: GENERATOR INSPECTIONS, MAINTENANCE & REPAIRS ADDENDUM 1**

The following clarifications shall be incorporated into **IFB #169071**:

1. **Change** on page 1: **DUE IN AND OPENS**: as follows:

From: "...**APR. 9, 2015 AT OR BEFORE 2:00 P.M. LOCAL ARIZONA TIME (MST)**..."

To: "...**APR. 16, 2015 AT OR BEFORE 2:00 P.M. LOCAL ARIZONA TIME (MST)**..."

2. **Change** on page 1: **GENERAL DESCRIPTION**: as follows:

From: "...The following licenses are required: Food Establishment License issued by the local government..."

To: "...The following licenses are required: **SEE SUPPLIERS MINIMUM QUALIFICATIONS...**"

3. **Change** on page 3: **4. SUBMISSION OF BIDS**: as follows:

From: "...Vendor shall submit proof of licenses and/or certifications required by Federal, State and Local authorities required to perform work per the scope of work of this solicitation..."

To: "...**Successful vendor** shall submit proof of licenses and/or certifications required by Federal, State and Local authorities required to perform work per the scope of work of this solicitation **within seven (7) calendar days from the first day the Notice of Recommendation for Award (NORFA) is posted on the Pima County website...**"

4. **Change** on page 5: **3. SUPPLIER MINIMUM QUALIFICATIONS**: as follows:

From: "...

This supplier certifies they are competent, willing and responsible for providing the products in accordance with all requirements of the solicitation and this Offer Agreement.

Yes No

Supplier currently possesses all required licenses and certifications to meet the requirements of this solicitation. Supplier shall continuously maintain said licenses and certifications for the term of the contract.

Yes No

Supplier should include what "green" programs they have implemented per *BOS Resolution 2007-84* below.

Yes No

..."

To: "...

This supplier certifies they are competent, willing and responsible for providing the products in accordance with all requirements of the solicitation and this Offer Agreement.

Yes No

**Supplier has been in the business of providing this product for a minimum of three consecutive years including the current year.**

Yes No

Supplier currently possesses all required licenses and certifications to meet the requirements of this solicitation. Supplier shall continuously maintain said licenses and certifications for the term of the contract.

Yes No

Supplier should include what “green” programs they have implemented per *BOS Resolution 2007-84* below.

Yes No

...

5. **REPLACE** pages 17 through 21: **EXHIBIT A: GENERATOR INFORMATION & LOCATIONS: & EXHIBIT B: SCOPE OF WORK GENERATOR INSPECTION, MAINTENANCE AND REPAIR SERVICES:** as follows:

**SEE ATTACHED ON PAGE 3 OF THIS ADDENDUM**

**CHANGES:**

**Exhibit A – page 17** – delete unit locations and descriptions line #1 – 10

**Exhibit B – page 20** Added Fuel Analysis to Engine Lube section-

Oil Sample and Fuel Analysis taken - quarterly

Defined as – annually, if necessary, usually only required when equipment is suspect to damage by natural or manmade situations, example; flooding, vandalism

**Preventive Maintenance** –

Change load bank testing from 4 hours 90% load to (2 hours, 90% Drop load)

Exception must be noted on DO (added)

**Unscheduled Maintenance and Repair Services-**

Emergency requests, either during or after business hours, shall be responded to within two hours of vendor receiving said request (on site is deleted)

**Description of Annual Service with inspection- Page 21**

Cooling system: Sample test antifreeze and check for proper mixture of antifreeze and record coolant test results. (Added Sample test antifreeze)

**After unit is stopped**

Final Test of equipment – the last thing before a Technician leaves a RWRD site.

**Air Quality Operating permit** – Emissions testing, visual inspection is not permitted. This can be conducted annually

The AFR (Air-to-Fuel Ratio) Controller must be maintained and operated appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times.

Inspection of AFR Controller must be performed on all quarterly and annual inspections. Any and all maintenance/inspections of the AFR controller must be documented on service report and submitted.

At any time a generator is ran, the start and stop run hours must be documented on service report and submitted.

6. **REPLACE** pages 22 through 24: **EXHIBIT C: UNIT PRICING:** as follows:

**EXHIBIT C: UNIT PRICING ADDENDUM 1**

**All other terms and conditions remain the same.**

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**EXHIBIT A: GENERATOR INFORMATION & LOCATIONS ADDENDUM 1****UNIT LOCATIONS & DESCRIPTIONS ITEMS 1 THROUGH 10 REMOVED**

GEN #	LOCATION	DESCRIPTION
1	<del>INA RD, ENERGY RECOVERY BLDG # 14, 1ST FLOOR</del>	<del>EM 800 KW</del>
2	<del>INA RD, ENERGY RECOVERY BLDG # 14, 1ST FLOOR</del>	<del>EM 800 KW</del>
3	<del>INA RD, ENERGY RECOVERY BLDG # 14, 1ST FLOOR</del>	<del>EM 800 KW</del>
4	<del>INA RD, ENERGY RECOVERY BLDG # 14, 1ST FLOOR</del>	<del>EM 800 KW</del>
5	<del>INA RD, ENERGY RECOVERY BLDG # 14, 1ST FLOOR</del>	<del>EM 800 KW</del>
6	<del>INA RD, ENERGY RECOVERY BLDG # 14, 1ST FLOOR</del>	<del>EM 800 KW</del>
7	<del>INA RD, ENERGY RECOVERY BLDG # 14, 1ST FLOOR</del>	<del>EM 800 KW</del>
8	ROGER RD, MECHANICAL BLDG # 21	KATO 400 KW
9	ROGER RD, MECHANICAL BLDG # 21	KATO 400 KW
10	ROGER RD, MECHANICAL BLDG # 21	KATO 390 KW

ITEM	PLANT	GENERATOR	MFR	MODEL	SERIAL
11	AVRA VALLEY WRF 10000 W. SNYDER HILL ROAD TUCSON	1000kw	CUMMINS	DQFAD-7091299	E080180712
12	AVRA VALLEY WRF 10000 W. SNYDER HILL ROAD TUCSON	750 kw	CUMMINS	DQCA-7179406	G080192926
13	CONVEYANCE 16033 S. DISTILLERY CANYON SPRINGS DRIVE TUCSON	150kw	DETROIT	150DSEJB	770786
14	CONVEYANCE 6401 E. VIA AMABLE RD TUCSON	60kw	KOHLER	60REOZIB	767308
15	CONVEYANCE 6607 S. CAMINO DEL LA TIERRA TUCSON	60kw	KOHLER	60REOZIB	7676306
16	CONVEYANCE 5330 W. CORTARO FARMS RD TUCSON	400kw	DETROIT	400D560	374035
17	CONVEYANCE 3390 N. DODGE BLVD TUCSON	20kw	KOHLER	20REOZ1B	7676310
18	CONVEYANCE 5540 W. TANGERINE RD MARANA	250kw	ONAN	250DFBE	5910431277
19	CONVEYANCE 5900 E. OLD VAIL RD TUCSON	300kw	DMT	DMT300CA2	9442972
20	CONVEYANCE 151 N PRUDENCE RD TUCSON	125kw	KOHLER	125REOZIB	767309
21	CONVEYANCE 9910 S. ROLLING WATER DRIVE TUCSON	280kw	CAT	SR4	6DA04631
22	CONVEYANCE 18430 CALLE VALLE VERDE SAHUARITA	125kw	OLYMPIAN	D125P11	OLY0PNAT00865
23	CONVEYANCE 400 N. SILVERBELL RD TUCSON	100kw	HANCO	100RHF55DWLW	UN3541185
24	CORONA DE TUCSON WRF 110 W. SAHUARITA RD SAHUARITA	750kw	CUMMINS	DQFAA-5770504	KO60988685
25	GREEN VALLEY WRF 19600 S. OLD NOGALES HWY GREEN VALLEY	1250kw	CUMMINS	DQFAD-1336808	I 130568903
26	MT LEMMON WRF 12633 N. SABINO CANYON PARK SUMMERHAVEN	100kw	CUMMINS	440FDR8020GG	LB95897-2

**EXHIBIT A: GENERATOR INFORMATION & LOCATIONS ADDENDUM 1**

ITEM	PLANT	GENERATOR	MFR	MODEL	SERIAL
27	SRF SUB REGIONAL FACILITY 4527 W. WALKER RD TUCSON	5kw PPG 2	HONDA	GX390	8994838
28	SRF SUB REGIONAL FACILITY 4527 W. WALKER RD TUCSON	5kw PPG 3	HONDA	GX390	8994839
29	TRES RIOS WRF 7101 N. CASA GRANDE HWY TUCSON	250kw (Bldg 16)	ONAN	250GFBC	25357427
30	TRES RIOS WRF 7101 N. CASA GRANDE HWY TUCSON	100kw (spare)	GENERAC	87A00302-S	2032626
31	WESC 2955 W. CALLE AQUA NEUVA TUCSON	200kw	OLYMPIAN	D200PU	E5123C1001
32	WESC 2955 W. CALLE AQUA NEUVA TUCSON	250kw	MAGNETEK	250RD	BT01J925

**END OF EXHIBIT A: GENERATOR INFORMATION & LOCATIONS ADDENDUM 1****EXHIBIT B: SCOPE OF WORK GENERATOR INSPECTION, MAINTENANCE AND REPAIR SERVICES ADDENDUM 1**

County will require both a Basic Overhaul of its generators and Emergency Repair of same on an as-needed basis. Basic Overhaul repairs shall be completed within seven (7) weeks from the start of work. Contractor shall schedule personnel and equipment to complete its work within this time frame. When possible, all work shall take place during normal work hours (7:00 a.m. – 4:30 p.m. Monday – Friday).

Contractor may, at his option, schedule work for a Basic Overhaul that includes after normal work hours, weekends and/or holidays so as to meet the maximum downtime. There will be no premium charged for hours worked after normal business hours while performing a Basic Overhaul.

Emergency repairs may be required for after normal work hours, on weekends and/or holidays.

**Contractor's Performance.**

All materials and workmanship provided to the County shall be of the highest industry standard. Materials purchased by the County through this contract shall be new and subject to inspection and approval by a County representative prior to delivery.

Contractor shall obtain all permits and licenses and pay all taxes, charges and fees necessary to perform the services under this contract.

Contractor shall guarantee all work under this contract against defects of materials and/or workmanship for a period of one (1) year from the completion date. Chemical agents used shall be warranted for the labeled time period and shall not exceed the shelf time, if applicable.

The Contractor shall furnish all necessary supplies, labor, vehicles and equipment to perform services. All supplies, labor, vehicles and equipment shall be compliant with the specifications, terms and provisions set forth herein and shall be subject to random, unannounced inspection by an individual designated by the County.

County shall not provide office or storage space for the Contractor's supplies, vehicles or equipment.

Maximum generator repair time shall not exceed seven (7) working days for the County: this includes the time taken to provide an estimate. Repair time exceeding seven (7) working days must be agreed upon between the County and supplier prior to the conclusion of the original seven day period.

If the County requires expedited services, Generator repair time shall not exceed four (4) working days when requested, including the time taken to provide an estimate.

If the generator repair cost estimate exceeds 60% of the cost of a new generator, or parts are unavailable for future repairs, County reserves the right to replace it rather than repair it. No additional costs other than the tear down and the estimate will be charged to the County if the generator is not repaired. All non-repaired generators and parts will be returned to the County.

**Estimates for Work**

Rates for a Basic Overhaul are as quoted by Contractor on IFB 1002496. Estimates for work not covered by a Basic Overhaul shall be provided to and accepted by County before proceeding with any work. Estimates must be provided within twenty-four (24) hours of the Contractor inspecting the generator.

Pick up and delivery of the generators from/to the plant site will be done at no charge to the County.

**EXHIBIT B: SCOPE OF WORK GENERATOR INSPECTION, MAINTENANCE AND REPAIR SERVICES ADDENDUM 1**

Contractor shall provide an estimate for emergency generator repair before proceeding with any work. Estimates must be provided within twenty-four (24) hours of the Contractor inspecting the generator.

Estimates for emergency repairs shall include estimated labor at the rates quoted on IFB 169071. Parts needed to In some cases, County will require expedited service. Generator repair time shall not exceed four (4) working days when requested, including the time taken to provide an estimate.

**Warranty**

Contractor shall warrant that all equipment and parts furnished as new under this contract are newly manufactured and free from defects in material and workmanship for a period of no less than one (1) year from the date the equipment is delivered.

Contractor shall warrant that all equipment rebuilt or repaired under this contract shall meet manufacturer's specifications and are free from defects in material and workmanship for a period of no less than one (1) year from the date the equipment is delivered.

Supplier shall warrant that all equipment rebuilt or repaired under this contract shall meet manufacturer's specifications and are free from defects in material and workmanship for a period of no less than one (1) year from the date the equipment is delivered.

Warranty shall include accepted trade standards of quality, fitness for the intended uses, and conformance to promises or specified specifications. No other express or implied warranty shall eliminate the Contractor's liability as stated herein.

**Basic Overhaul**

Receive generator, visually inspect and photograph

Completely disassemble generator and exciter

Thoroughly clean and inspect all components

Micrometer check shaft journal areas, coupling fit area, all shaft seal fit areas and record

Dimensionally measure and record all seals and housings

Measure rotor total indicated run-outs (TIR)

Inspect all field coil wedges and report findings to designated County staff

Thoroughly inspect stator for condition of ties, wedges, coils, leads, lugs, bracing system, etc.

Thoroughly inspect the rotor

Steam clean the stator, rotor and all component parts with proven methods and materials to avoid damage to the insulation systems

Oven-dry the stator, rotor and component parts to insure optimum dryness, monitor oven temperature

Varnish, treat and bake rotor

Dynamically balance rotor

Polish shaft journals and seal fit areas

Winding to be preheated, cooled to a specific temperature and receive varnish treatment and bake cycles

Perform Megger and polarization index (PI) test to insure insulation integrity

Measure winding resistance and impedance balance, check all three phases

Replace diodes

Completely reassemble the generator and install new bearing

Spray paint exterior and prepare for shipment

Additional Work: Rewind all Rotor Coils

Furnish all materials to remove, rewind and reinstall all rotor Coils

Parts used in generators or repairs shall be OEM parts, substitutions will be only accepted with pre-approval Supplier shall obtain all permits and licenses and pay all taxes, charges and fees necessary to perform the services under this contract.

The supplier shall furnish all necessary supplies, labor, vehicles and equipment to perform services. All supplies, labor, vehicles and equipment shall be compliant with the specifications, and shall be subject to random, unannounced inspection by an individual designated by the County. County will not provide office or storage space for the supplier's supplies, vehicles or equipment. Supplier shall guarantee all work under this contract against defect of material and or workmanship for a period of one (1) year from the completion date.

**Scheduled Preventive Maintenance Service**

Services will be performed in accordance with the following tasks and schedules by a trained certified service technician to meet the requirements of the specifications

Scheduled Maintenance and Load Bank Testing (SM/LBT) at all sites shall be provided once a year and Scheduled Inspections (SI) three times a year. SM/LBT's and SI's will be performed at equal intervals on a quarterly basis, with the SM/LBT scheduled as the fourth service (last quarter) of the contract year.

A list of parts and materials to be replaced as needed during the regularly scheduled maintenance are listed in the Preventive Maintenance Schedule. Parts and materials shall be replaced during the SM/LBT or SI service at no additional cost to the County.

**EXHIBIT B: SCOPE OF WORK GENERATOR INSPECTION, MAINTENANCE AND REPAIR SERVICES ADDENDUM 1**

	<b>Preventive Maintenance Schedule</b>	<b>SM</b>	<b>SI</b>
<b>Engine Lube</b>	Check for leaks	x	x
	Repair minor leaks, (tighten nuts, bolts & clamps)	x	x
	Oil Sample Analysis taken	x	
	Replace oil filters	x	
	Replace oil	x	
	Properly dispose of used oil and filter	x	
	<b>Fuel Analysis to Engine Lube section</b>		
<b>Oil Sample and Fuel Analysis taken (quarterly)</b>			

<b>Engine Coolant</b>	Check belts and hoses	x	x
	Check for leaks	x	x
	Repair minor leaks (tighten nuts, bolts & clamps)	x	x
	Check coolant level and fill (up to one gallon)	x	x
	Check coolant freeze point	x	x
	Check inhibitors <nitrates	x	x
	Replace coolant filters	x	
	Check radiator for obstruction of air flow	x	x
	Check engine block heater	x	x
Pressure test system	x		

<b>Engine air</b>	Inspect air cleaner element	x	x
	Inspect louvers, actuators and duct work	x	x
	Service crank case breathers and air box drains	x	x

**PREVENTIVE MAINTENANCE SCHEDULE ANNUAL REQUIRED SERVICE**

Load Bank Testing (**2 hours, 90% Drop load**) to be conducted simultaneously with the scheduled maintenance service (fourth quarter) of the contract year. **Exception must be noted on DO.**

Record volts, amps, frequency, KW's ambient temperatures, oil pressure, water temperature and hours at 15-minute intervals. Complete and supply load bank documentation Fuel and Coolant samples if applicable

**Unscheduled Maintenance and Repair Services**

Contractor may be called upon to estimate and perform various types of unscheduled maintenance and repair work at the direction of each site's designated contact for generator maintenance. Response time shall be within twenty-four hours for non-emergency situations.

Emergency requests, either during or after business hours, shall be responded to ~~on-site~~ within two hours of vendor receiving said request. **(on-site is deleted)**

**Parts**

It is the vendor's responsibility to have on hand all preventive maintenance supplies necessary to perform the scheduled maintenance. Travel time or mileage for any follow up visit for a scheduled SM/LBT or SI service due to a lack of parts or material shall not be charged to the County.

Parts listed in Attachment A Generator Bid schedule can be ordered as necessary for unscheduled or emergency repairs. A maintenance inspection form, provided by the vendor shall be filled out by the vendor's staff after service is performed for each location. The maintenance form will include the engine, oil systems, fuel system, exhaust system and operations. The form will be left with the designated contact for generator repair services at each location prior to leaving the premises.

**EXHIBIT B: SCOPE OF WORK GENERATOR INSPECTION, MAINTENANCE AND REPAIR SERVICES ADDENDUM 1****DESCRIPTION OF ANNUAL INSPECTION**

Belts:	Inspect for worn, broken or loose, and adjust.
Batteries:	Clean, inspect, remove and maintain electrolyte level and check connections for tightness.
Cooling System:	Top off coolant level if needed, verify sufficient air flow, verify proper operating temperature is maintained and inspect for leaks.
Engine Crankcase:	Check the oil level, add if necessary, governor check for operation.
Day tank:	Test the automatic operation of day tank. Record fuel level.
Fuel system:	Inspect for leaks from day tank supply lines to the engine.
Batteries:	Clean, inspect, remove and maintain electrolyte level and check connections for tightness
Gauges:	Inspect the condition and operation of all gauges.
Battery Charger:	Inspect for proper operation and adjust if necessary
Start engine:	Start engine and run up to operating temperature.
Oil Pressure:	Check oil pressure and record readings.
Fuel Pressure:	Inspect for proper fuel pressure and record readings.
Leaks:	Inspect for correct RPM/HZ, adjust if needed and record readings.
Voltage:	Inspect for correct voltage, adjust if needed and record readings.
Leaks:	Inspect for leaks oil, coolant, fuel, air, exhaust.

**DESCRIPTION OF ANNUAL SERVICE WITH INSPECTION****ALL SERVICES INCLUDED IN INSPECTION PLUS:**

Fuel System:	Change fuel filters and prime.
Engine Crankcase:	Change engine crankcase oil, filters and take oil sample before changing for tracking of engine metals.
Cooling System:	<b>Sample test antifreeze and</b> check for proper mixture of antifreeze and record coolant test results.

**AUTOMATIC TRANSFER SWITCH (ATS) QUARTERLY INSPECTION**

(With proper authorization, for those generators associated)

Inspect general appearance and clean.  
 Inspect and verify all wiring connections.  
 Inspect voltage sensors for proper operation.  
 Verify and record time delay engine start.  
 Verify and record time delay for engine transfer.  
 Verify and record time delay engine cool down.  
 Inspect main contacts.  
 Inspect all lamps. Should any need to be replaced additional quote to be provided.  
 Verify and record exerciser clock.  
 Perform transfers at customers permission to verify proper operation.  
 Put unit back in automatic position.

**AFTER UNIT IS STOPPED:**

Ensure all switches are in the auto position.  
 Record and report any malfunctions and or discrepancies in accordance with the scheduled maintenance procedure to the facility manager.

The last thing before a Technician leaves site:

Load Test

Test all emergency shutdown switches

Test ATS, for the ability to start generator and recognize suitable power from genset in the presence of a Pima County Electrician

**Fuel Analysis to Engine Lube section-****Oil Sample and Fuel Analysis taken - quarterly**

**Defined as – annually, if necessary, usually only required when equipment is suspect to damage by natural or manmade situations, example; flooding, vandalism**

The AFR (Air-to-Fuel Ratio) Controller must be maintained and operated appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times.

**EXHIBIT B: SCOPE OF WORK GENERATOR INSPECTION, MAINTENANCE AND REPAIR SERVICES ADDENDUM 1**

Inspection of AFR Controller must be performed on all quarterly and annual inspections. Any and all maintenance/inspections of the AFR controller must be documented on service report and submitted.

Also, at any time a generator is ran, the start and stop run hours must be documented on service report and submitted.

**END OF EXHIBIT B: SCOPE OF WORK GENERATOR INSPECTION, MAINTENANCE AND REPAIR SERVICES ADDENDUM 1****EXHIBIT C: UNIT PRICING ADDENDUM 1**

**All unit prices shall be filled in for both sections.** Failure to do so shall be cause for rejection as non-responsive. See Exhibit A: (3 pages) for descriptions.

ITEM #	ITEM NAME Items to include and satisfy all Solicitation & Offer Agreement requirements, General & Item Specifications	ESTIMATED ANNUAL USAGE QUANTITY	UOM	UNIT PRICE \$	EXTENDED AMOUNT \$
1	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 750 KW AVRA VALLEY	3	EA		
2	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 750KW AVRA VALLEY	1	EA		
3	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 1000 KW AVRA VALLEY	3	EA		
4	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 1000 KW AVRA VALLEY	1	EA		
5	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 20KW CONV	3	EA		
6	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 20KW CONV	1	EA		
7	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 60KW AMABLE CONV	3	EA		
8	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 60KW AMABLE CONV	1	EA		
9	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 60KW TIERRA CONV	3	EA		
10	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 60KW TIERRA CONV	1	EA		
11	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 100KW CONV	3	EA		
12	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 100KW CONV	1	EA		
13	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 125KW PRUDENCE CONV	3	EA		
14	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 125KW PRUDENCE CONV	1	EA		
15	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 125KW VERDE CONV	3	EA		
16	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 125KW VERDE CONV	1	EA		
17	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 150KW CONV	3	EA		
18	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 150KW CONV	1	EA		
19	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 250KW CONV	3	EA		

ITEM #	ITEM NAME Items to include and satisfy all Solicitation & Offer Agreement requirements, General & Item Specifications	ESTIMATED ANNUAL USAGE QUANTITY	UOM	UNIT PRICE \$	EXTENDED AMOUNT \$
20	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 250KW CONV	1	EA		
21	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 280KW CONV	3	EA		
22	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 280KW CONV	1	EA		
23	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 300KW CONV	3	EA		
24	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 300KW CONV	1	EA		
25	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 450KW CONV	3	EA		
26	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 450KW CONV	1	EA		
27	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 750KW CORONA	3	EA		
28	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 750KW CORONA	1	EA		
29	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 1250KW GREEN VALLEY	3	EA		
30	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 1250KW GREEN VALLEY	1	EA		
31	QUARTERLY SCHEDULED INSPECTIONS 100KW MT LEMMON	3	EA		
32	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 100KW MT LEMMON	1	EA		
33	QUARTERLY SCHEDULED INSPECTIONS 5KW (PPG 2) SRF	3	EA		
34	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 5KW (PPG 2) SRF	1	EA		
35	QUARTERLY SCHEDULED INSPECTIONS 5KW (PPG 3) SRF	1	EA		
36	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 5KW (PPG 3) SRF	3	EA		
37	QUARTERLY SCHEDULED INSPECTIONS 100KW TRES RIOS	1	EA		
38	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 100KW TRES RIOS	3	EA		
39	QUARTERLY SCHEDULED INSPECTIONS INCLUDING ATS 250KW TRES RIOS	1	EA		
40	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 250KW TRES RIOS	3	EA		
41	QUARTERLY SCHEDULED INSPECTIONS 200KW WESC	1	EA		
42	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 200KW WESC	3	EA		
43	QUARTERLY SCHEDULED INSPECTIONS 250KW WESC	1	EA		
44	ANNUAL SCHEDULED SERVICE AND MAINTENANCE 250KW WESC	1	EA		

**EXHIBIT C: UNIT PRICING ADDENDUM 1**

ITEM #	ITEM NAME Items to include and satisfy all Solicitation & Offer Agreement requirements, General & Item Specifications	ESTIMATED ANNUAL USAGE QUANTITY	UOM	UNIT PRICE \$	EXTENDED AMOUNT \$
45	UNSCHEDULED MAINTENANCE & REPAIR SERVICES REGULAR HOURS 7:00AM-4:00PM MONDAY-FRI	270	HRS		
46	UNSCHEDULED MAINTENANCE & REPAIR SERVICES OUTSIDE OF REGULAR HOURS (INCLUDE WEEKENDS & HOLIDAYS)	65	HRS		
47	<b>BATTERY <u>4DXHD</u></b>	4	EA		
48	<b>BATTERY C24-XHD</b>	5	EA		
49	<b>BATTERY VPN 4DXHD</b>	3	EA		
50	<b>BATTERY CHARGER ONAN 250KW</b>	3	EA		
51	<b>BATTERY GENERATOR ONAN 416-1051</b>	2	EA		
52	<b>BATTERY HEATER KIT ONAN 541-0555</b>	2	EA		
53	<b>BLOCK HEATER 1500W 120V</b>	2	EA		
54	<b>BLOCK HEATER 1500W 120V</b>	10	EA		
55	<b>CIRCUIT BREAKER GM23367</b>	3	EA		
56	<b>CLAMP HOSE 2 2 1/4 40</b>	25	EA		
57	<b>COOLANT PRE MIX COOL</b>	18	EA		
58	<b>EXERCISE BOARD 300-5146-01</b>	1	EA		
59	<b>FUEL LINE CUMMINS ONAN 501-0648</b>	2	EA		
60	<b>GROUP CONTROLLER 5 FOR ATS CAT 250KW</b>	1	EA		
61	<b>HARNESS FOR ATS CAT 250KW</b>	1	EA		
62	<b>VOLT METER</b>	3	EA		
63	<b>WATER PUMP AND GASKET R23506735</b>	3	EA		
64	<b>WIRING HARNESS MAIN 338-3838-02</b>	3	EA		
	<b>FOB Destination/Unloaded; Cost of freight should be included in unit price.  Although taxes will be paid IF applicable do NOT include sales tax in unit price.</b>			<b>TOTAL BID</b>	

**END EXHIBIT C: UNIT PRICING ADDENDUM 1**