



CONNECTICUT
RESOURCES
RECOVERY
AUTHORITY

ADDENDUM NO. 1
Issued August 4, 2010

TO

**“REQUEST FOR BIDS
FOR
CONSTRUCTION OF A NEW JET-FUEL TANK
AT THE
MID-CONNECTICUT GAS TURBINE FACILITY”
(RFB Number 11-EN-002)
(RFB Issued July 21, 2010)**

Note: Bidders are required to acknowledge this and all Addenda in Section 5(a) of the Bid Form.

This Addendum consists of the following:

- (1) The "Schedule of Prevailing Wages" for the project (**Exhibit I** to the Agreement);
- (2) A change to the RFB Package Documents concerning insurance requirements being made by the Connecticut Resources Recovery Authority ("CRRA");
- (3) The addition of Caldwell Tank as a pre-qualified tank manufacturer; and
- (3) CRRA's responses to questions received from potential bidders.

1. SCHEDULE OF PREVAILING WAGES

Attached to this Addendum 1 is the "Schedule of Prevailing Wages" for the Project. The Schedule shall be **Exhibit I** to the Agreement. The Schedule was not available when the RFB Package Documents were released.

2. CHANGE TO THE RFB PACKAGE DOCUMENTS

CRRA is hereby revising sections 6.1 and 6.3 of the Agreement as follows:

6.1 Required Insurance

At all times during the term of this Agreement (see Section 4.1), Contractor shall, at its sole cost and expense, procure and maintain for the duration of the contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder performed by the Contractor, its agents, employees or subcontractors.

6.1.1 Minimum Scope of Insurance

Coverage shall be at least as broad as:

- (a) Commercial General Liability insurance written on an Occurrence policy form;
- (b) Automobile Liability insurance (any auto) with an MCS 90 endorsement and a CA 9948 endorsement attached if "pollutants" as defined in exclusion 11 of the commercial auto policy are identified;
- (c) Workers' Compensation insurance as required by the State in which work is being done;
- (d) Employers' Liability insurance;
- (e) Contractor's Pollution Liability insurance;

- (f) Professional Liability insurance; and
- (g) Contractor's Property insurance.

6.1.2 Minimum Limits of Insurance

Contractor shall maintain limits no less than:

(a) General Liability:

\$10,000,000 Each Occurrence;
\$10,000,000 General Aggregate;
\$10,000,000 Products-Completed Operations Aggregate; and
\$10,000,000 Personal and Advertising Injury.

(b) Automobile Liability:

\$10,000,000 per accident for bodily injury and property damage combined single limit;
\$10,000,000 if "pollutants," as defined in CA0001 exclusion 11, are identified.

(c) Workers' Compensation:

Statutory Limits.

(d) Employers' Liability:

\$1,000,000 Each Accident;
\$1,000,000 Disease-Policy Limit; and
\$1,000,000 Disease-Each Employee.

(e) Contractor's Pollution Liability ("CPL"):

\$10,000,000 Per Loss. CPL coverage to include transportation and non-owned disposal site ("NODS") coverage. NODS coverage to include all locations utilized for the benefit of CRRA which are not owned or operated by Contractor.

(f) Professional Liability:

\$2,000,000 Per Loss.

(g) Contractor's Property:

At 100% Actual Cash Value ("ACV").

6.3 Other Insurance Provisions

All policies are to contain, or be endorsed to contain, the following provisions:

- (a) CRRA needs to be included as additional insured on all liability insurance including General Liability, Excess Liability (if used to meet limits), Automobile Liability and Contractor's Pollution Liability. The General Liability additional insured endorsement must include "on-going operations" and "completed operations" coverage for the additional insured.
- (b) Coverage cannot be cancelled, materially changed, or non-renewed without at least 30 days written notice to CRRA.
- (c) Contractor's insurance must be primary and no contributions shall be permitted from any insurance or self-insurance of CRRA.
- (d) Contractor waives, and requires their insurers to waive by endorsement, subrogation rights against CRRA for losses and damages incurred under the insurance policies required by the subcontract agreement.
- (e) Products and Completed Operations coverage should be maintained until at least two years after final acceptance of work. The General Aggregate should apply on a "per project" basis.

3. ADDITION OF PRE-QUALIFIED TANK MANUFACTURER

CRRA is hereby revising Section 1.3.2 of Technical Specification 13100 – Field Fabricated Fuel Tank and Containment Tank to add the following as a pre-qualified tank manufacturer.

Caldwell Tanks, Inc.
4000 Tower Road
Louisville, Kentucky 40219
(502) 964-3361

4. RESPONSES TO QUESTIONS

CRRA provides the following responses to questions that were received from potential bidders by August 3, 2010.

4.1	Question	Please confirm that the liquidated damages are applicable to the final completion of the project, not to intermediate milestone completion dates.
	Answer	Liquidated damages are applicable to the date of in-service, full operation of the new storage tank, which is two hundred forty-five (245) days following issuance of the Notice to Proceed.
4.2	Question	Drawing G-1 item # 22, states "The cathodic protection system will be covered by a separate lump sum pay item in the bid schedule." I see where the cathodic protection is to be included in the Rammed Aggregate Pier foundation price, but the bid forms do not indicate a stand alone cathodic protection system price.
	Answer	The final sentence of Item #22 on Drawing G-1 (Project General Notes) can be deleted. Bidders are to include the price of cathodic protection system in the lump sum price entered on the Bid Price Form in section 1.1 (Construct New Tank and Containment, Alternative 1 - With a Rammed Aggregate Pier and Ringwall Foundation System). There is no separate lump sum pay item for the cathodic protection system.
4.3	Question	Please confirm there is known asbestos material to remove. Ref Section 02010, 1.2 #7.
	Answer	Given the age of the existing tank to be demolished, it is assumed that all gaskets to be removed during demolition are asbestos-containing.
4.4	Question	What are the emptying and filling rates for the tank?
	Answer	The emptying rate for the tank with all gas turbine units operating at full load is two hundred seventy gallons per minute (270 gpm). The filling rate for the tank when filled from a barge is one thousand two hundred gallons per minute (1,200 gpm). The filling rate for the tank when filled from a tanker truck is two hundred forty gallons per minute (240 gpm).
4.5	Question	Is there a specific Design Metal Temperature (DMT) desired other than API 650 requirements?
	Answer	No, there is not a specific DMT beyond the requirements of API 650.
4.6	Question	Is there a preference on the shell design method?
	Answer	The shell design method is left to the discretion of the tank manufacturer, provided that all applicable API 650 and building codes are met.

4.7	Question	With respect to the tank exterior coating, is exterior referring to outer steel dike only, or is the inner main tank outer wall to also be coated? Ref. Section 133100, 2.1.3, is there any intent to paint the annular area between the steel dike and exterior of the main tank?
	Answer	Tank exterior coatings are to be applied to both the outer surface of the steel dike and the outer surface of the inner main tank.
4.8	Question	Is the site available for work on a 4x10 hr. work week?
	Answer	The site is available for work on a 4x10 hr. work week; however, as stated in Section 1.5 of Specification 01010, all deliveries for the project are to enter the site between the hours of 7:00 a.m. and 3:00 p.m., Monday through Friday.
4.9	Question	Please confirm that the entire pipeline from the old tank to the new tank (8" diameter) is included in the scope. Ref Drawing C-6.
	Answer	The scope of work includes the 8" diameter pipeline that runs from the new tank to the existing pump house piping, as well as all piping, valves, fittings and other appurtenances identified as "New" on Drawing C-6. The scope of work also includes installation of the pipe supports (detail included on Drawing C-6).
4.10	Question	We assume that project completion would be adjusted and liquidated damages not enforced should painting delay completion due to weather condition, i.e. temperature/winter?
	Answer	Any adjustments to the Project Schedule or other amendments, modifications or supplements will have to be in a writing signed by the parties, in accordance with Section 8.6 – Modifications of the Agreement.
4.11	Question	Would CRRA consider splitting the contract (tank work as one part and site civil and mechanical as the other part)?
	Answer	No, CRRA intends to have one contractor with overall responsibility for the entire project.

END OF ADDENDUM 1

EXHIBIT I

To

**AGREEMENT FOR CONSTRUCTION OF A NEW JET-FUEL
TANK AT THE
MID-CONNECTICUT GAS TURBINE FACILITY
SCHEDULE OF PREVAILING WAGES**

Project: Construction Of A New Jet Fuel Tank At The Mid Connecticut Gas Turbine Facility

**Minimum Rates and Classifications
for Heavy/Highway Construction**

H 14037

**Connecticut Department of Labor
Wage and Workplace Standards Division**

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number: 11-EN-002

Project Town: Hartford

FAP Number:

State Number:

Project: Construction Of A New Jet Fuel Tank At The Mid Connecticut Gas Turbine Facility

CLASSIFICATION	Hourly Rate	Benefits
01) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters. **See Laborers Group 7**		
1) Boilermaker	\$33.79	34% + 8.96
1a) Bricklayer, Cement Masons, Cement Finishers, Plasterers, Stone Masons	\$32.43	20.54
2) Carpenters, Piledrivermen	\$29.03	18.57
2a) Diver Tenders	\$29.03	18.57

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3) Divers	\$37.49	18.57
4) Painters: (Bridge Construction) Brush, Roller, Blasting (Sand, Water, etc.), Spray	\$40.25	14.75
4a) Painters: Brush and Roller	\$28.17	14.55
4b) Painters: Spray Only	\$31.17	14.55
4c) Painters: Steel Only	\$30.17	14.55
4d) Painters: Blast and Spray	\$31.17	14.55
4e) Painters: Tanks, Tower and Swing	\$30.17	14.55
5) Electrician (Trade License required: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	\$35.40	20.76

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6) Ironworkers: (Ornamental, Reinforcing, Structural, and Precast Concrete Erection	\$33.00	26.58 + a
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7) Plumbers (Trade License required: (P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2) and Pipefitters (Including HVAC Work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4 G-1, G-2, G-8, G-9)	\$37.62	22.51
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----LABORERS---- - Last updated 5/10/10

8) Group 1: Laborer (Unskilled), Common or General, acetylene burner, concrete specialist	\$25.00	15.00
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9) Group 2: Chain saw operators, fence and guard rail erectors, pneumatic tool operators, powdermen, air tool operator	\$25.25	15.00
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10) Group 3: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license)	\$25.50	15.00
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11) Group 4: Jackhammer/Pavement breaker (handheld); mason tenders (cement/concrete), catch basin builders, asphalt rakers, air track operators, block pavers and curb setters	\$25.50	15.00
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12) Group 5: Toxic waste removal (non-mechanical systems)	\$27.00	15.00
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13) Group 6: Blasters	\$26.75	15.00
Group 7: Asbestos Removal, non-mechanical systems (does not include leaded joint pipe)	\$26.00	15.00
Group 8: Traffic control signalmen	\$16.00	15.00
----LABORERS (TUNNEL CONSTRUCTION, FREE AIR). Shield Drive and Liner Plate Tunnels in Free Air.---- Last updated 5/10/10----		
13a) Miners, Motormen, Mucking Machine Operators, Nozzle Men, Grout Men, Shaft & Tunnel Steel & Rodmen, Shield & Erector, Arm Operator, Cable Tenders	\$29.44	15.00 + a
13b) Brakemen, Trackmen	\$28.58	15.00 + a
14) Concrete Workers, Form Movers, and Strippers	\$28.58	15.00 + a
15) Form Erectors	\$28.88	15.00 + a

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---ROCK SHAFT LINING, CONCRETE, LINING OF SAME AND TUNNEL IN FREE AIR:---Last updated 5/10/10---

16) Brakemen, Trackmen, Tunnel Laborers, Shaft Laborers	\$28.58	15.00 + a
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17) Laborers Topside, Cage Tenders, Bellman	\$28.48	15.00 + a
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18) Miners	\$29.44	15.00 + a
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---TUNNELS, CAISSON AND CYLINDER WORK IN COMPRESSED AIR: ---Last updated 5/10/10---

18a) Blaster	\$35.21	15.00 + a
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19) Brakemen, Trackmen, Groutman, Laborers, Outside Lock Tender, Gauge Tenders	\$35.04	15.00 + a
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20) Change House Attendants, Powder Watchmen, Top on Iron Bolts	\$33.27	15.00 + a
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21) Mucking Machine Operator	\$35.75	15.00 + a
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----TRUCK DRIVERS----(*see note below)

Two axle trucks	\$27.88	14.53 + a
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Three axle trucks; two axle ready mix	\$27.98	14.53 + a
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Three axle ready mix	\$28.03	14.53 + a
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Four axle trucks, heavy duty trailer (up to 40 tons)	\$28.08	14.53 + a
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Four axle ready-mix	\$28.13	14.53 + a
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Heavy duty trailer (40 tons and over)	\$28.33	14.53 + a
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Specialized earth moving equipment other than conventional type on-the road trucks and semi-trailer (including Euclids)	\$28.13	14.53 + a
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----POWER EQUIPMENT OPERATORS----

Group 1: Crane handling or erecting structural steel or stone, hoisting engineer (2 drums or over), front end loader (7 cubic yards or over), Work Boat 26 ft. & Over. (Trade License Required)	\$35.05	18.60 + a
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Group 2: Cranes (100 ton rate capacity and over); Backhoe/Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer). (Trade License Required)	\$34.73	18.60 + a
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Group 3: Excavator; Cranes (under 100 ton rated capacity), Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Fine Grade (slopes, shaping, laser or GPS, etc.). (Trade License Required)	\$33.99	18.60 + a
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Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper)	\$33.60	18.60 + a
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Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Spreader; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell)	\$33.01	18.60 + a
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Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	\$33.01	18.60 + a
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Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer). \$32.70 18.60 + a

Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and Under Mandrel). \$32.36 18.60 + a

Group 8: Mechanic, Grease Truck Operator, Hydroblaster, Barrier Mover, Power Stone Spreader; Welder; Work Boat under 26 ft.; Transfer Machine. \$31.96 18.60 + a

Group 9: Front End Loader (under 3 cubic yards), Skid Steer Loader regardless of attachments (Bobcat or Similar); Fork Lift, Power Chipper; Landscape Equipment (including hydroseeder). \$31.53 18.60 + a

Group 10: Vibratory Hammer, Ice Machine, Diesel and Air Hammer, etc. \$29.49 18.60 + a

Group 11: Conveyor, Earth Roller; Power Pavement Breaker (whiphammer), Robot Demolition Equipment. \$29.49 18.60 + a

Group 12: Wellpoint Operator. \$29.43 18.60 + a

Group 13: Compressor Battery Operator. \$28.85 18.60 + a

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Group 14: Elevator Operator; Tow Motor Operator (Solid Tire No Rough Terrain). \$27.71 18.60 + a

Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator. \$27.30 18.60 + a

Group 16: Maintenance Engineer/Oiler \$26.65 18.60 + a

Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator. \$30.96 18.60 + a

Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (minimum for any job requiring CDL license). \$28.54 18.60 + a

**NOTE: SEE BELOW

----LINE CONSTRUCTION----(Railroad Construction and Maintenance)----Last updated 4/17/09----

20) Lineman, Cable Splicer, Dynamite Man \$35.65 10.70 + 6.25%

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21) Heavy Equipment Operator \$22.09 10.70 + 6.25%

22) Equipment Operator, Tractor Trailer Driver, Material Men \$30.30 10.70 + 6.25%

23) Driver Groundmen \$26.74 10.70 + 6.25%

----LINE CONSTRUCTION----Last updated 4/17/09----

24) Driver Groundmen \$30.92 6.5% + 9.70

25) Groundmen \$22.67 6.5% + 6.20

26) Heavy Equipment Operators \$37.10 6.5% + 10.70

27) Linemen, Cable Splicers, Dynamite Men \$41.22 6.5% + 12.20

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28) Material Men, Tractor Trailer Drivers, Equipment Operators	\$35.04	6.5% + 10.45
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Welders: Rate for craft to which welding is incidental.

**Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.*

***Note: Hazardous waste premium \$3.00 per hour over classified rate*

- Crane with 150 ft. boom (including jib) - \$1.50 extra
- Crane with 200 ft. boom (including jib) - \$2.50 extra
- Crane with 250 ft. boom (including jib) - \$5.00 extra
- Crane with 300 ft. boom (including jib) - \$7.00 extra
- Crane with 400 ft. boom (including jib) - \$10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyman instructing and supervising the work of each apprentice in a specific trade.

~Connecticut General Statute Section 31-55a: Annual Adjustments to wage rates by contractors doing state work ~

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page: www.ct.gov/dol.

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

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Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

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