GSA QUOTATION #80576-B (May 29, 2014)
City of Key West, FL - CSI Fuelmaster System

Contractor:	Containment Solutions, Inc. Federal Tax I.D.: 76-0454639 Cage Code: 1M5T8 DUNS: 92-922-4400
GSA Contract No.:	**#GS-07F-9114G** Schedule 56, FSC Class 54 Aboveground Storage Tanks / Systems Expires September 30, 2016
Ordering Address:	Containment Solutions, Inc. Government Contracts Representative 3 Dunwoody Park #103 Atlanta, GA 30338 ATTN: Don Schurr E-mail: don@gov-contracts.net Telephone: 941-925-2345 Facsimile: 770-396-8622
Payment Address:	Containment Solutions, Inc. P.O. Box 951636 Dallas, TX 75395-1636
Payment Terms:	2% 20 Days, Net 30 Days
F.O.B. Point:	Origin, Freight Prepaid & Charged Back
Availability:	45 Days ARO; Emergency 14 Days ARO Based On Stock

PROJECT: CITY OF KEY WEST, FL 33040 – 12,000 GALLON GASOLINE STORAGE & DISPENSING
ITEMIZED GSA PRICING FOR CONTAINMENT SOLUTIONS "FUELMASTER " VAULT TANK SYSTEM

Price	Model	Description
$ 46,090.56		VT12K 12,000 Gallon Aboveground UL-Labeled FuelMaster Vault Tank System
Included	------	Special Low-Profile **RECTANGULAR** Design For Safe, Easy Access
Included	------	Overall Exterior Dimensions: 36'8"" L x 7'11" W x 7'1" H (Weight = 49,550 lbs.)
Included	------	Vault Tank With UL-2085 **SECONDARILY CONTAINED, PROTECTED TYPE** Label
Included	------	Inner Steel Tank Surrounded By Lightweight Fire-Resistive Liner
Included	------	Pressure Testable Outer Steel Jacket for True 360° Containment
Included	------	Thirty Year Warranty On Vault Tank
Included	------	Two-Part Exterior Coating System. System includes minimum 6 mils DFT epoxy base coat (Sherwin Williams Macropoxy 646) and minimum 2 mils DFT polyurethane topcoat (Sherwin Williams Acrolon 218). Finish color is beige (desert sand). **See optional exterior coating below:**
$ 6,109.23	EMPT12K	Upgrade exterior finish from standard enamel to elastomeric polyurethane system. This special heavy duty cladding is applied to the exterior surface of the secondary tank to provide a durable chemical barrier to environmental conditions and includes a guaranteed ten year maintenance free warranty. The cladding is seamless and monolithic ensuring the tank is completely encapsulated with no voids. Color is beige (desert sand). Recommended when the tank will be exposed to corrosive environments such as salt water spray (coastal locations) or where end user desires a maintenance free exterior.
Included	------	Standard Male NPT Fittings & Leak Monitoring Tube (See Drawing)
Included	GC	Grounding Clips (2)
Included	EV8	8" Emergency Vent Device (Primary Tank)
Included	EV8	8" Emergency Vent Device (Secondary Tank)

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	Included	NVPV3	3" Primary Tank Pressure/Vacuum Vent Device with Riser Pipe
	Included	MV3	3" Secondary Containment Normal Vent
	Included	GA-M	Morrison Clock-Style Direct Reading Mechanical Level Gauge. Readout is on a 12-hour clock face with small hand showing feet and large hand showing inches. Gauge can be read 20-30 feet away to within 1/8 inch.
	Included	GBOX	Ground Level Product Fill Containment Box with Mounting Bracket and Hardware (Includes Valves, Hand Pump, and 3" Male Quick Connect *Allows Fuel Supplier to Conveniently FillTank from Ground Level Using a Bulk Tanker Truck without Needing to Access Top of Tank (Tight fill connection required)*
	Included	GFILL	Factory Installed 3" Product Fill Piping From Fill Port on Top of Tank To Ground Level Product Fill Box
	Included	OFL3	3" Morrison Overfill Prevention Valve with Drop Tube Factory Installed in Fill Opening on Top of Tank. This mechanical valve prevent spills by automatically terminating the product flow during tank fill operations when the liquid level reaches 95% of tank capacity.
	Included	EAC3	Combination Electronic Leak Detection and High Level Alarm System. Consists of Model LC1002 alarm console (remote mount, rated NEMA 4 for outdoor use), Model LS600LDBN leak detection sensor, and Model LS600 high level sensor. Will provide audible & visual alarm if high level is detected during filling operation or liquid is detected in interstitial space between primary and secondary tanks.
	Included	SMP1 + SMDP30	**UL-Listed Gasboy ATLAS 9823K Fleet-Quality Fuel Dispensing System** - Up to 20 GPM. The Gasboy ATLAS 9823K System eliminates pressurized lines, valves, and possible leakage by combining a separate meter and pumping unit box mounted on top of the tank with a remote, side-mounted electronic display register and nozzle boot for easy user access from ground level. Top-mounted cabinet pump and meter box includes four-piston positive displacement meter which is Weights and Measures sealable and calibrated to be accurate at any delivery and pressure, heavy duty 10 vane rotary pump with integral air separator for durability, 1 hp explosion proof continuous duty electric motor (115V / 60 Hz), and built-in dual phase pulser for use with key or card system interface. Side-mounted remote register includes cabinet with electronic backlit LCD volume front display (gallons), electronic totalizer, and nozzle boot with flip-switch to activate pump. Fuel dispensing system also includes: Mounting Brackets for Top Pump/Meter Box & Side Register 1-1/4" Suction Pipe with Pump Adaptor 1" Fuel Filter & Adapter 1" x 12' Fuel Delivery Hose 1" Breakaway & Whip Hose 1" Automatic Shut-Off Nozzle Safety and Warning Decals for Gasoline
$	4,398.65	SMP1 +SMPD30	**2nd UL-Listed Gasboy ATLAS 9823K Fleet-Quality Fuel Dispensing System** See above for system component detail
$	406.22	HHR	(2) High Hose Retractor Assemblies @ $203.11 ea.
$	406.22	FSSV	(2) Fire/Shear Safety Valves @ $203.11 ea.
			The following item is required for gasoline storage and dispensing systems
$	1,009.21	GVL	Ground level phase 1 vapor recovery piping with cap & adaptor.
$	723.59	L7G	7-Rung Galvanized Steel Access Ladder Welded to Tank

$ 59,143.68 Total Equipment Price – 12,000 Gallon Fuelmaster System with Dual Dispensers

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Total Equipment Price (does not include freight, see below)
FREIGHT ESTIMATE TO SHIP TANK ON FLATBED TRUCK TO KEY WEST, FL 33040
$ 5,850.00..... Dedicated flatbed truck delivery for appointment delivery
(Offloading From Delivery Truck Not Included)

Important Note: Pricing shown is based on our current GSA contract and is subject to change. Quoted prices are firm for 60 days from date of this quotation.

SELECTION OF CONTAINMENT SOLUTIONS FUELMASTER TANK SYSTEM AS "BEST VALUE":

☑ The FuelMaster System is a pre-packaged aboveground storage tank system which provides a comprehensive solution for motor vehicle fueling. The FuelMaster System combines a UL-2085 listed Hoover vault tank with a fleet quality Gasboy fuel dispensing system and all monitoring, alarm, and overfill protection equipment required to meet regulatory codes for fuel dispensing. This pre-packaged system approach provides single-source accountability and convenience, eliminates missing components, and facilitates regulatory compliance.

☑ The FuelMaster System includes two factory-installed Gasboy Atlas 9823K fleet-quality fuel dispensing systems for fueling surface vehicles or maintenance equipment. The Gasboy Atlas 9823K system eliminates pressurized lines, valves, and possible leakage by combining a separate meter and pumping unit box mounted on top of the tank with a remote electronic display cabinet and nozzle boot mounted on the side of the tank. This split configuration also maximizes flow rate while allowing the end user to easily access the fuel hose and nozzle from ground level. The Gasboy system includes the top-mounted cabinet pump and meter box with four-piston positive displacement meter which is Weights and Measures sealable and calibrated to be accurate at any delivery and pressure, heavy duty 10 vane rotary pump with integral air separator for durability, 1 hp explosion proof continuous duty electric motor (115V / 60 Hz), and built-in dual phase pulser for use with card system interface. The Gasboy system also includes the side-mounted remote register cabinet with electronic backlit LCD volume front display (gallons), electronic totalizer, and nozzle boot with flip-switch to activate pump. Nozzle is front loaded for easy access. The Gasboy system also includes upgrade to 1" diameter fuel hose and 1" diameter automatic shut-off nozzle.

☑ The FuelMaster System includes an electronic leak and high level alarm system to meet regulatory requirements for leak monitoring and overfill protection.

☑ The FuelMaster System includes a ground level fill system with mechanical overfill prevention valve. The ground level fill system allows the fuel supplier to conveniently fill the tank from ground level using a bulk tanker truck without needing to access the top of the tank. The overfill limiter valve meets regulatory requirements for spill prevention.

☑ The FuelMaster System includes ground level vapor recovery piping to tank top with adapter and cap. (required for gasoline storage and dispensing systems)

☑ The FuelMaster System includes a Hoover vault tank. The Hoover vault tank assembly including fire barrier is manufactured, tested, and labeled per Underwriters Laboratories UL 2085 **SECONDARILY CONTAINED, PROTECTED TYPE** vault tank standard to provide built-in secondary containment, two hour fire resistance, ballistic protection, and vehicle impact resistance required by fire codes for the safe storage of flammable/combustible liquids.

☑ The Hoover vault inner and outer tanks are built, tested, and labeled per Underwriters Laboratories UL-142, as part of the UL-2085 listing, for quality assurance and structural integrity. Each tank is pressure-tested prior to shipment.

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- ☑ Hoover Vault Tanks are proven effective in blast effect analysis testing (STI-AST BEA) for (1) a man-portable improvised explosive device (MPIED), (2) a vehicle borne improvised explosive device (VBIED) and (3) loads representative of typical vapor cloud explosions (VCE).

- ☑ Hoover vault tanks include an outer steel jacket which is UL-listed to provide true 360 degree secondary containment of the primary inner tank. Note this double wall steel tank design is required by Military Handbook 1022A "Petroleum Fuel Facilities" published by the Department of Defense in November 1999 to ensure secondary containment which is "pressure testable and verifiable." Alternate exposed concrete designs generally do not provide verifiable secondary containment since they rely on a plastic membrane around the inner tank for secondary containment. Note that Military Handbook 1022A only allows the use of exposed concrete designs for small residential heating oil tanks where secondary containment is not a requirement.

- ☑ The Hoover outer steel jacket also protects the internal cement fire barrier from weathering, cracking, spalling, or shrinking that can occur with exposed concrete designs. Protection of the fire barrier is critical since deterioration of the exposed concrete will degrade the fire rating of the tank.

- ☑ The Hoover outer steel jacket also provides structural support for the entire tank assembly, including the internal fire barrier. This design enables Hoover to optimize the fire barrier material to provide the maximum thermal resistance at the lowest weight. As a result, the Hoover tank design has a 25% lower weight than exposed concrete designs significantly reducing shipping, handling, and installation costs.

- ☑ Hoover vault inner tank is constructed of minimum 3/16" thick steel with continuous welds on all sides, inside as well as outside. Extra steel thickness maximizes resistance to pinpoint corrosion from bacteria build-up in stored petroleum products.

- ☑ Low-profile rectangular design minimizes need for stairs to access the top of the tank. Near-flat top design provides safe, stable personnel platform for routine tank monitoring and maintenance. Safer and easier to access than cylindrical tanks.

- ☑ All Hoover vault tanks include standard leak detector tube to enable monitoring between the inner primary tank and outer secondary containment tank. The UL-2085 **SECONDARILY CONTAINED, PROTECTED TYPE** listing provides assurance that the fire resistive lining will not hinder the detection of leaks.

- ☑ Hoover vault tanks include a standard 30-year warranty at no additional cost. This warranty covers the entire tank assembly including both the inner and outer steel tanks, internal fire barrier, and optional exterior elastomeric polyurea finish. Many tank manufactures have a warranty that covers only the inner steel tank and excludes the exposed concrete fire barrier and exterior finish.

- ☑ Hoover vault tank standard exterior coating system includes acid wash for surface preparation, epoxy base coat consisting of minimum 6 mils DFT of Sherwin Williams Macropoxy 626, and polyurethane finish coat consisting of minimum 2 mils DFT of Sherwin Williams Acrolon 218. This coating system is more durable than single-part epoxy or enamel finishes.

- ☑ Upgraded Exterior Finish: Exterior finish is upgraded from standard epoxy to elastomeric polyurea system (FiberVault II). This special heavy duty cladding is applied to the exterior surface of the vaulted tank to provide a durable chemical barrier to environmental conditions and includes a guaranteed ten year maintenance free warranty. The cladding is seamless and monolithic ensuring the tank is completely encapsulated with no voids. Color is beige (desert sand). Recommended when the tank will be exposed to corrosive environments such as salt water spray (coastal locations) or where end user desires a maintenance free exterior.

- ☑ Hoover vault tanks meet requirements of NFPA Sections 30 and 30A for aboveground storage tanks, as well as the Uniform Fire Code Articles 52, 79, Appendix IIF, Standard A-II-F-1.

- ☑ Hoover vault tanks can be grounded in accordance with NFPA-780.
- ☑ All steel tank openings are NPT threaded, including leak detector tube.
- ☑ Containment Solutions is a national manufacturer with multiple manufacturing sites to ensure prompt delivery and lower freight costs. Containment Solutions carries comprehensive liability insurance of $2 million and maintains OSHA certified field service personnel as part of its program to provide continued customer support (copy of insurance certificate available upon request). Other smaller manufacturers may not have the resources to meet future customer service needs or warranty obligations.

REGULATORY COMPLIANCE FOR ABOVEGROUND FUEL STORAGE

The safe aboveground storage of fuel and other flammable liquids is regulated by fire codes such as Uniform Fire Code (UFC) Articles 52, 79, Appendix IIF, Standard A-II-F-1 and the National Fire Protection Association (NFPA) Section 30 and 30A. These codes include stringent performance requirements to ensure a tank design includes proper secondary containment, two hour fire resistance, ballistic protection, and vehicle impact resistance. How can a customer determine if a particular tank design meets these tough new requirements? Fortunately, Underwriters Laboratory (UL) has developed a test standard for aboveground storage tanks called UL-2085 **SECONDARILY CONTAINED, PROTECTED TYPE**. If a tank design is submitted to UL and passes the strict series of tests required by the fire codes, UL authorizes the tank manufacturer to place a UL-2085 **SECONDARILY CONTAINED, PROTECTED TYPE** label on each tank built using the approved design. Thus, a customer can achieve regulatory compliance with the fire codes by purchasing a tank with a UL-2085 **SECONDARILY CONTAINED, PROTECTED TYPE** label, such as those manufactured by Containment Solutions under GSA Contract #GS-07F-9114G. An earlier UL test standard, UL-2085 **INSULATED, FIRE RESISTANT TYPE**, does not meet all the new fire code requirements. Additionally, many common fire protected tank models are not listed for secondary containment. Therefore, the customer must be sure which UL label will be provided by the manufacturer.

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