



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
 PSH10007

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 ROBERTA WAGNER
 304-558-0067

VENDOR

*B17111403 724-523-6144
 GLD COMPANY
 PO BOX 117
 MONROEVILLE PA 15146

SHIP TO

HEALTH AND HUMAN RESOURCES
 PINECREST HOSPITAL
 105 SOUTH EISENHOWER DRIVE
 BECKLEY, WV
 25801 304-256-6614

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
06/01/2009				

BID OPENING DATE: 06/30/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB	AT 208V OR 240V 3PHASE AT 480V 3PHASE	820-12	22,087.00 19,147.00	22,087.00 19,147.00
<p>TO PROVIDE ONE LATTNER 25 BHP STEAM BOILER OR EQUAL</p> <p>TO PROVIDE ONE LATTNER 25 BHP STEAM BOILER OR EQUAL FOR PINECREST HOSPITAL PER THE ATTACHED SPECIFICATIONS.</p> <p>TO BE DELIVERED WITHIN 30 CALENDAR DAYS OF RECEIPT OF APPROVED PURCHASE ORDER.</p> <p>VENDOR WILL BE RESPONSIBLE FOR PROVIDING THE EQUIPMENT (AS LISTED) WITH A MINIMUM WARRANTY OF ONE (1) YEAR, AND FREIGHT TO PINECREST HOSPITAL LOCATED AT 105 S. EISENHOWER DRIVE, BECKLEY, WEST VIRGINIA 25801.</p> <p>VENDOR SHALL SUBMIT ONE LUMP-SUM BID FOR ALL EQUIPMENTS UNDER ALL THEIR TERMS AND CONDITIONS AS DESCRIBED, HEREIN.</p> <p>AWARD WILL BE MADE TO THE LOWEST BIDDER MEETING SPECIFICATIONS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p>						

RECEIVED
 2009 JUN 18 AM 9:42
 WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>[Signature]</i>	TELEPHONE 724-523-6144	DATE 6-16-09	
TITLE <i>exc. mgr.</i>	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
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HEALTH AND HUMAN RESOURCES
 PINECREST HOSPITAL
 105 SOUTH EISENHOWER DRIVE
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06/01/2009				

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LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>INQUIRIES: WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH CLOSE OF BUSINESS ON 6/15/2009. QUESTIONS MAY BE SENT VIA USPS, FAX, COURIER OR E-MAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, E-MAIL QUESTIONS ARE PREFERRED. ADDRESS INQUIRIES TO:</p> <p>ROBERTA WAGNER DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25311</p> <p>FAX: 304-558-4115 E-MAIL: ROBERTA.A.WAGNER@WV.GOV</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *[Signature]* TELEPHONE 724-523-6144 DATE 6-16-09

TITLE *ofc. mgr.* FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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ROBERTA WAGNER 304-558-0067

VENDOR	*B17111403	724-523-6144
	GLD COMPANY	
	PO BOX 117	
	MONROEVILLE PA 15146	

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LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>PLEASE NOTE: A CONVENIENCE COPY WOULD BE APPRECIATED.</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: -----RW/FILE 22-----</p> <p>RFQ. NO.: -----PSH10007-----</p> <p>BID OPENING DATE: -----6/30/2009-----</p> <p>BID OPENING TIME: -----1:30 PM-----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: -----724-523-6145-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): -----Chuck DAVERIO-----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>Chuck Daverio</i>	724-523-6144	6-16-09
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
<i>Off. Mgr.</i>		

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ PSH10007 ***** TOTAL:						22,087.00 OR 19,147.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *[Signature]* TELEPHONE 724-523-6144 DATE 6-16-09

TITLE OFC. MGR. FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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Bid Schedule / Cost Proposal

Quantity	Description	Price for Each	Extended Amount
	AT 208 OR 240V, 3PHASE	19,098.00	19,098.00
1 each	AT 480V, 3PHASE Lattner 25 BHP Steam Boiler or equal per specs. (If boiler other than Lattner is to be considered, provide Brand, name, model, here)	\$ 16,158.00	\$ 16,158.00

SUSSMAN Electric Boilers
 MODEL# SVS 270
 27.5 BHP

Any other costs (please specify)

Blow Down Tank # BDTASME 48	\$ 2194.00	\$ 2194.00
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Blow Down Cooler # BDT COOLER	\$ 795.00	\$ 795.00
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AT 208 OR 240V, 3PHASE	22,087.00	22,087.00
AT 480V, 3PHASE		
Grand Total	\$ 19,147.00	\$ 19,147.00

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

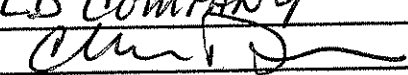
LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: GLD COMPANY
Authorized Signature:  Date: 6-16-09

State of West Virginia**VENDOR PREFERENCE CERTIFICATE**

Certification and application* is hereby made for Preference in accordance with **West Virginia Code, §5A-3-37**. (Does not apply to construction contracts). **West Virginia Code, §5A-3-37**, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. **Application is made for 2.5% resident vendor preference for the reason checked:**
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. **Application is made for 5% resident vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: GCD COMPANY Signed: [Signature]
 Date: 6-16-09 Title: DFC. MGR.

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

NONE OF THE ABOVE APPLY



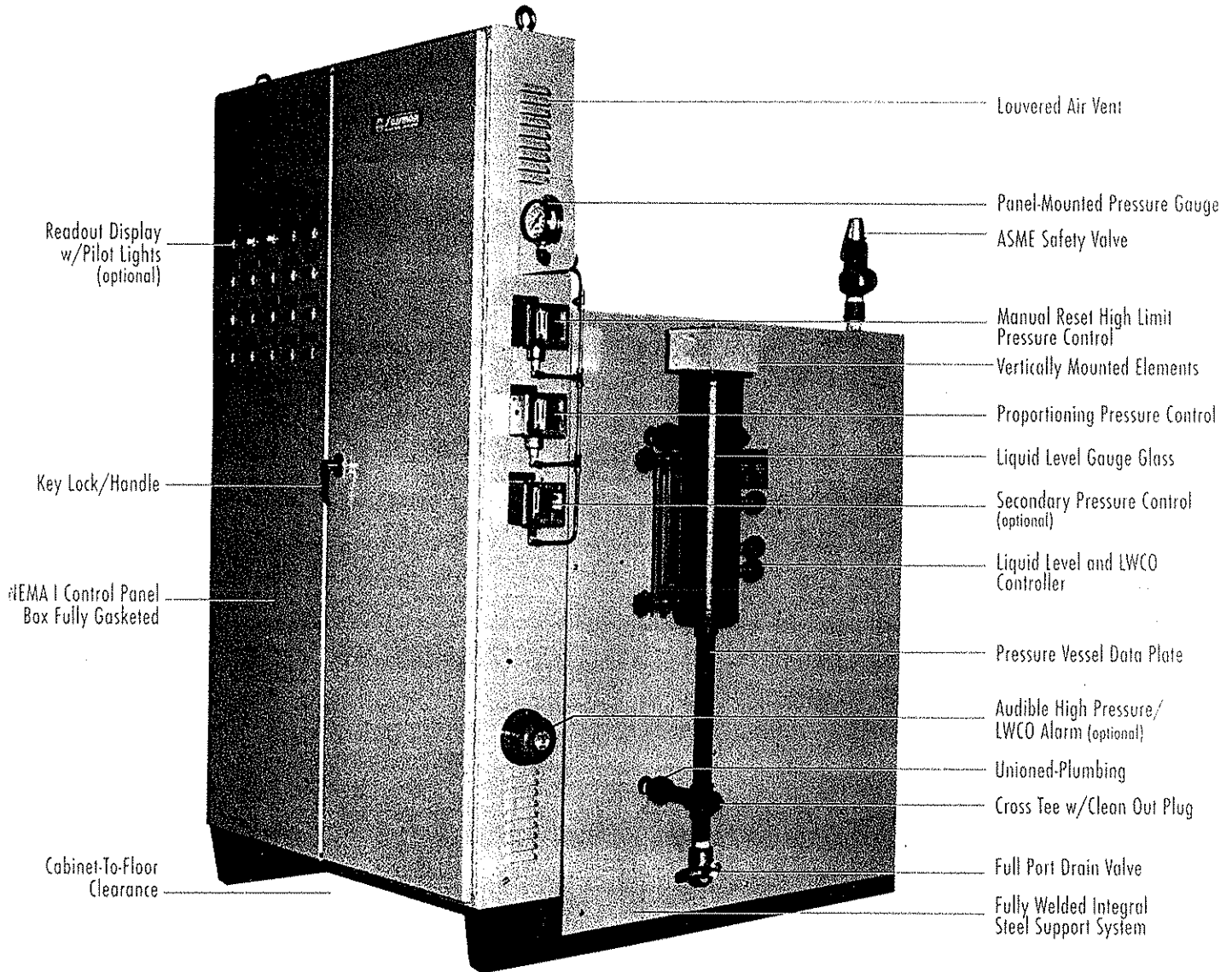
Sussman[®]
ELECTRIC BOILERS

KW Rating: 12 to 1650

Lbs/Hr Sat. Steam: 36 to 5000

PSIG Range: 0 to 250

SVS Electric Steam Boilers



Boiler may not be exactly as shown

**Sussman SVS Electric Boilers:
Versatile Easy-to-Use Heat Sources
for Low or High Pressure Steam.**

Application include steam for:

- Chemical Tanks
- Reactors, Distillation and Autoclaves
- Dyestuffs
- Food Processing
- Jacketed Vessels for Processes
- Pipe Tracing
- Viscous Material
- Fuel Oil Line Heating
- Anti-Freeze Protection
- Comfort Heating & Humidification

Sussman SVS Electric Boilers are Engineered for:

- Easy Installation
- Automatic Operation
- Clean, Fume-Free, Quiet, Reliable Steam at the Turn of a Switch
- Primary or Alternate Source of Steam
- Low Maintenance
- No Fuel Delivery/Storage Problems
- Factory Tested – Ready to Operate



SVS-Standard Features

- Insulated Carbon Steel Pressure Vessel ASME Section 1, 150 PSIG with "S" Code Stamp.
- Built to UL, National Board Registration
- Standard 150 PSIG Design – Higher Pressures Available
- Fully Insulated Vessel, 2" Thick Insulation
- ASME Code Safety Valve
- NPT Inlet/Outlet Fittings Up to 3-1/2", Flanged Inlet/Outlet Fittings for 4" and over (see Specification Chart)
- Vertically Mounted Incoloy Sheathed Immersion Elements Complete with Epoxy End Seal
- NEMA I, Epoxy Finished Gasketed/Louvered Control Panel and Heater Enclosure
- Blowdown/Drain Valve
- Pressure Gauge with Isolating Stopcock
- Liquid Level Gauge Glass Assembly
- Backflow Check Valve and Solenoid Feedwater Valve
- Standard Pressure Range 20-150 PSIG (higher pressures may be available on request)
- Modulating Pressure Control (standard over 90A)
- Electronic Feedwater Control
- Boiler Operating Mode Indicator Lights
- Sub-Divided Circuit Fusing, Class "J", HRC Form 1
- Industrial Rated Magnetic Contactors
- Manual Reset High Limit Pressure Control
- Main & Auxiliary Low Water Cut Off Controls
- 120V Control Circuit c/w On/Off Switch and Indicating Pilot Light
- 120VAC Control Circuit Transformer w/primary & secondary fusing

SVS Optional Equipment

- Steam Outlet Globe Valve (150 PSIG)
- Timed Automatic Blowdown Systems
- Auxiliary Low Water Cutoff
- Manual Reset Low Water Cutoff
- Auxiliary High Pressure Cutoff, for Auto or Manual Reset
- High Pressure Alarm
- Low Pressure Alarm
- Audible Alarm with Silencer
- Pilot Light for each Heating Stage
- Manual Off/Auto Switch for each Heating Stage
- Voltmeter, with 3 Position Selector
- Wattmeter
- Ammeter with 3 Position Switch
- Unfused Disconnect Switch
- Safety Door Interlock Switch
- Motor Starter with Overloads
- Flanged Inlet/Outlet
- Vacuum Breaker
- kW-HR meter
- Ground Fault Indicator

SVS Electrical Information

Model	KW*	BHP Rating	Lbs. Steam/Hr 212°F**	3 Phase Voltage*	Total Amperage Draw
SVS 210	210	21.4	633	240 480	506 253
SVS 240	240	24.5	723	240 480	578 289
SVS 300	300 288	30.6 29.4	904	240 480	722 347
SVS 350	360	36.7	1054	480	434
SVS 400	396	40.4	1204	480	477
SVS 450	450	45.9	1355	480	542
SVS 500	504	51.4	1505	480	606
SVS 550	540	55.1	1656	480	650
SVS 600	612	62.4	1806	480	736
SVS 650	648	66.1	1957	480	780
SVS 700	684	69.8	2137	480	823
SVS 750	756	77.1	2258	480	910
SVS 800	792	80.8	2408	480	953
SVS 900	900	91.8	2709	480	1084
SVS 1000	1008	102.8	3010	480	1213

*Other Voltages, KW ratings available
 **With 50° feedwater, Output higher with hotter feedwater.
 Specify Model, KW, Voltage, PPH, trim pressure & optional equipment

Notes:

- Add 36 inches to "H" dimension for element removal.
- Depending on V/PH, options, please consult factory for dimensions & weight.



Design Specifications

Series: SVS
Pressure Range: 0 — 150 psig
KW Rating: 210 — 1620
BHP Rating: 21.4 — 165.0

1.0 General.

- 1.1 The Electric Steam Boiler shall be designed and constructed for constant and continuous use using industrial-grade components throughout. At no time shall a switching or control component be operated at 100 percent of its electrical load rating.
- 1.2 The Boiler shall be built in accordance with the ASME Boiler and Pressure Vessel Codes and shall bear the ASME "S" stamp.
- 1.3 The Boiler shall be National Board stamped and registered.
- 1.4 The applicable Manufacturers Data Report shall accompany each boiler detailing construction, material and pressure rating.
- 1.5 The boiler shall be Underwriters' Laboratories, Inc. listed and conform to NEC wiring construction.
- 1.6 The boiler shall be completely factory wired, assembled and tested.

2.0 Rating/Output.

- 2.1 The boiler shall operate on ^{208V} ~~480V~~ ^{240V} volts, 3 phase, 60 hertz and have an electrical capacity of 270 KW, and shall be trimmed at 150 psig. *OR 15PSIG - SPECIFY AT TIME OF ORDER*
- 2.2 The control circuit voltage shall be 120 volts maximum, supplied from an isolation-type control circuit transformer provided as standard factory-installed equipment with the boiler.
- 2.3 The output shall be a minimum of 813 pounds of steam/hour at 212°F with 50°F feedwater temperature when energized on rated power.

3.0 Construction

- 3.1 The pressure vessel shall be of a vertical construction.
- 3.2 The primary liquid level control shall be plumbed to the pressure vessel using unions and shall have a cross-tee at the lower equalizing piping to facilitate inspection and cleaning.
- 3.3 In addition to any operating pressure controls, the boiler shall be equipped with a manual reset high limit pressure control to de-energize all power contactors in the event of an over-pressure vessel.
- 3.4.1 The liquid level control shall incorporate a low water cutoff which operates in conjunction with an electronic amplifier and shall be equipped with a push-to-test switch for low water simulation. All boilers shall have two low water cutoff controls as standard.
- 3.5 Heating elements shall be constructed as follows.
 - 3.5.1 The boiler shall use industrial grade immersion heating elements.
 - 3.5.2 The elements shall be 0.430 inch diameter incoloy with a sheath thickness of no less than 0.034 inch.
 - 3.5.3 The elements shall be rolled, shaped and repressed at the bends to insure high density compression of Grade A rated magnesium oxide insulation. The elements shall have a high temperature sealant applied at the sheath ends to prevent entrance of moisture into the interior of the heating element.
 - 3.5.4 The individual pins shall be silver brazed into ASME-grade carbon steel flanges. No mechanical compression fittings or replaceable tubulars shall be allowed.
 - 3.5.5 Heating element flange assemblies shall mount mechanically to pressure vessel nozzles by six (6) suitably rated steel bolts.
 - 3.5.6 No heating element delta assembly shall exceed a maximum of 45KW.

- 3.6 In addition to the above, the boiler shall be equipped with an external visible liquid level gauge, an on-off switch and indicating power-on pilot light, a suitably rated ASME safety valve, a check valve and electric solenoid valve at the water feed fitting, a pressure gauge with an isolating stopcock and both the water equalizing column and pressure vessel shall have suitably rated drain/blowdown valves located as low as practical. All trim, piping and assembly shall be in accordance with all applicable sections of the ASME codes.
- 3.7 The boiler shall be equipped with an automatic responding low water cut off control to de-energize all power contactors in the event of a low water condition.
- 3.8 The boiler shall be equipped with spring loaded magnetic contactors which will be fully wired as part of boiler. Boiler shall be fully fused between the incoming power feed and the power contactors, using class J 600V fuses with minimum 200,000A rms interrupting rating.
- 3.9 All manual valves shall be rated for their intended use and service, and shall be supplied as required by the ASME Code.
- 3.10 The boiler shall have integral support system welded to the lowest section to provide an air break and clearance to support flooring.
- 3.11 The boiler vessel shall be equipped with 3" flanged (NPT) steam outlet, and 1/2" NPT water make-up inlet.

4.0 Automatic Blowdown Systems

- 4.1 Automatic blowdown systems, when specified and required as part of the boiler shall be constructed as follows:
 - 4.4.1. The control system shall be so supplied to allow for 24 hour operation, with programmable single or multiple blowdowns to occur daily, with an adjustable time delay for precise control of the actual blowdown period.
 - 4.1.2. The valve shall be of the 360° ball type, with stainless steel trim, ball and stem and Teflon seats, for continuous self-cleaning capability. No solenoid or other non-ball type valve shall be supplied for blowdown purposes.
 - 4.1.3 The actuator shall be electrical and able to operate on 120VAC.
 - 4.1.4 The control system shall indicate boiler and blowdown valve condition and a manual override switch shall be provided to initiate a blowdown cycle, as required.
 - 4.1.5. The control system shall de-energize the boiler control circuit completely and shall not energize the circuit until the blowdown cycle is completed.

5.0 Sequential Control.

- 5.1 A sequential modulating proportional control shall be supplied standard as follows:
 - 5.1.1 A pressure sensitive controller shall provide an electrical signal to the sequencer to modulate output under all range conditions.
 - 5.1.2 Relays shall be used as switching outputs to the power contactor coils. Triacs, SCR's or other solid-state devices shall not be used to directly energize or de-energize the power contactor coils.
 - 5.1.3 Upon power interruption to the sequencer, all outputs shall de-energize the heating elements completely. Start-up, upon re-energizing the sequencer, shall be one stage at a time.

6.0 Enclosure.

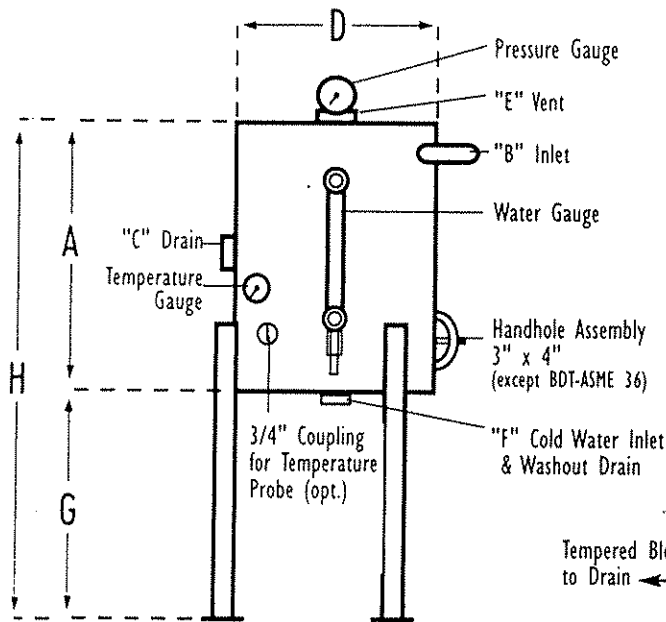
- 6.1 The pressure vessel shall be fully insulated using non-combustible fibrous-glass material which is mechanically held in place.
- 6.2 The jacket enclosure shall be minimum 16 gauge steel, primed and finished in baked enamel. The control cabinet shall be vented.
- 6.3 All subdivided components such as fuses, fuse blocks, power magnetic contactors, etc., shall be rated for their intended use and shall be enclosed within the overall jacket enclosure assembly. No wiring between components or sections of the boiler shall be external unless routed in suitable metallic conduit using anti-short bushings and fittings. Such components shall not be operated at their maximum effective ampere rating.
- 6.4 All access doors and panels shall be hinged and be provided with mechanical fasteners to allow safe entry for adjustments and servicing.
- 6.5 An airbreak shall be provided between the boiler shell jacket and the control cabinet.
- 7.0 The boiler, Model SVS²⁷⁰, shall be supplied by Sussman Electric Boilers, a division of Automatic Steam Products Corp., Long Island City, N.Y. 11101.



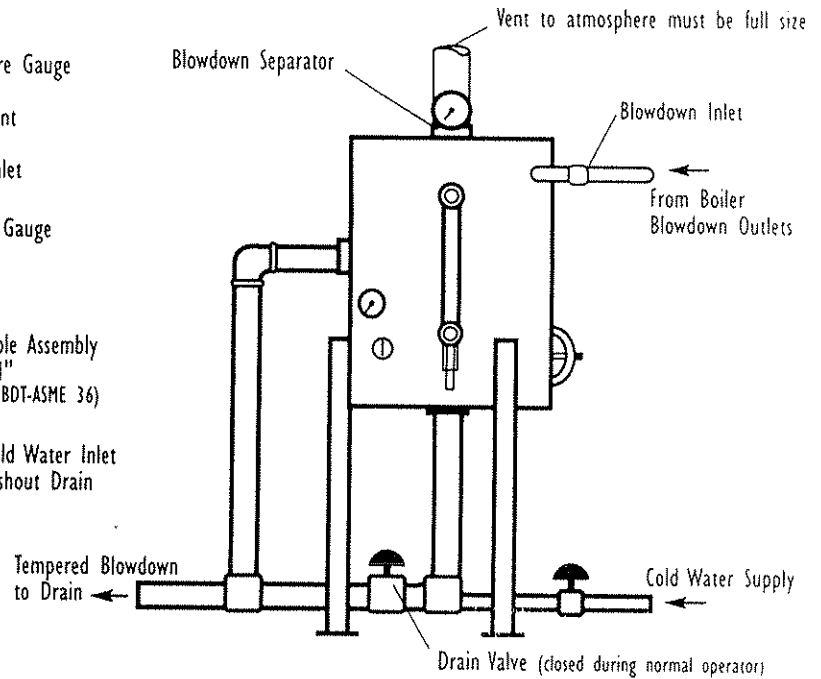
Blowdown Separator Tanks

Specifications and Data Model BDT-ASME 36, 42, 48, 54

Dimensions and Features



Suggested Hook-Up to Boiler



	BOILER HP	DIMENSIONS								SHIPPING WEIGHT
		A	B	C	D	E	F	G	H	
BDT-ASME 36	0-5	18"	3/4"	2"	12"	2"	2"	14"	32"	125
BDT-ASME 42	6-25	24"	1"	2"	18"	2-1/2"	2"	18"	42"	230
BDT-ASME 48	26-59	30"	1-1/4"	2"	16"	3"	2"	18"	48"	280
BDT-ASME 54	60-100	38"	1-1/2"	3"	18"	4"	2"	18"	54"	290

The Sussman Separator design incorporates a water seal at the outlet which permits the operator to introduce cold water from the bottom to mix with the hot water and boiler steam blowdown in the separator. This reduces the outlet temperature to a level that makes it safe for discharge.

Note: 1BHP is approximately 10KW.

Maximum Boiler Working Pressure: 250 psi

Maximum Blowdown Separator Pressure: 65 psi

Blowdown Separators are sized in accordance with National Board Standards

Standard Equipment

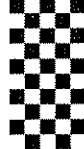
- 0-100 lb. Pressure Gauge
- 0-200° Temperature Gauge
- Water Level Gauge

Constructed in accordance with Section VII Division I ASME Boiler & Pressure Vessel Code



A Division of Sussman-Automatic Corporation
 43-20 34th Street, Long Island City, NY 11101 • (718) 937-4500 • 1-800-238-3535
 Fax: (718) 937-4676 • www.sussmanboilers.com • Email: seb@sussmancorp.com

101161 Rev 6/04



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
PSH10007

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**ROBERTA WAGNER
304-558-0067**

PROPERTY

*B17111403 724-523-6144
GLD COMPANY
PO BOX 117
MONROEVILLE PA 15146

PROPERTY

HEALTH AND HUMAN RESOURCES
PINECREST HOSPITAL
105 SOUTH EISENHOWER DRIVE
BECKLEY, WV
25801 304-256-6614

DATE PRINTED	TERMS OF SALE	SHIP VIA	EXCB	FREIGHT TERMS
06/24/2009				

BID OPENING DATE: **06/30/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ADDENDUM NO. 1</p> <p>1. QUESTIONS AND ANSWERS ARE ATTACHED.</p> <p>2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: PSH10007</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO. S:</p> <p>NO. 1 ✓</p> <p>NO. 2 </p> <p>NO. 3 </p> <p>NO. 4 </p> <p>NO. 5 </p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p>						

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STATE OF WV

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TITLE *[Signature]* FEIN ADDRESS CHANGES TO BE NOTED ABOVE

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Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

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REC NUMBER	PAGE
PSH10007	2

ADDRESS OF THE RESPONDENCE TO ATTENTION OF
ROBERTA WAGNER 304-558-0067

PROPERTY OF STATE OF WEST VIRGINIA

*B17111403 724-523-6144
GLD COMPANY
PO BOX 117
MONROEVILLE PA 15146

PROPERTY OF STATE OF WEST VIRGINIA

HEALTH AND HUMAN RESOURCES
PINECREST HOSPITAL
105 SOUTH EISENHOWER DRIVE
BECKLEY, WV 25801 304-256-6614

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	WEIGHT/TERMS
06/24/2009				

BID OPENING DATE: 06/30/2009 BID OPENING TIME: 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p><i>[Signature]</i> SIGNATURE</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p><i>[Signature]</i> SIGNATURE GLD Company 6-29-09 DATE</p> <p>REV. 11/96</p> <p>END OF ADDENDUM NO. 1</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>[Signature]</i>	TELEPHONE 724-523-6144	DATE 6-29-09
TITLE <i>[Signature]</i>	FERN	ADDRESS CHANGES TO BE NOTED ABOVE

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Charleston, WV 25305-0130

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RFQ NUMBER
PSH10007

PAGE
3

ADDRESS FOR CORRESPONDENCE (IF ATTENTION OF)
**ROBERTA WAGNER
304-558-0067**

*B17111403 724-523-6144
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MONROEVILLE PA 15146

HEALTH AND HUMAN RESOURCES
PINECREST HOSPITAL
105 SOUTH EISENHOWER DRIVE
BECKLEY, WV
25801 304-256-6614

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
06/24/2009				

BID OPENING DATE: 06/30/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		B20-12		
TO PROVIDE ONE LATTNER 25 BHP STEAM BOTTLER OR EQUAL						
***** THIS IS THE END OF RFQ PSH10007 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: 704-593-0411 DATE: 6-29-09

TITLE: *[Signature]* FEIN: ADDRESS CHANGES TO BE NOTED ABOVE

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