



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
 DNRB11077

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 FRANK WHITTAKER
 304-558-2316

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DIVISION OF NATURAL RESOURCES
 PARKS & RECREATION SECTION
 324 4TH AVENUE
 SOUTH CHARLESTON, WV
 25303-1228 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
12/30/2010				

BID OPENING DATE: 01/19/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 3 *****						
THIS ADDENDUM IS ISSUED TO:						
EXTEND THE BID OPENING DATE TO: 01/19/2011 AT 1:30 PM.						
PROVIDE THE ATTACHED BID CLARIFICATION AND TECHNICAL QUESTIONS & ANSWERS.						
REQUESTS FOR SUBSTITUTIONS WILL BE ADDRESSED IN A SUBSEQUENT ADDENDUM.						
***** END ADDENDUM NO. 3 *****						
0001	1	LS		968-42		
GENERAL CONSTRUCTION						
***** THIS IS THE END OF RFQ DNRB11077 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE		TELEPHONE		DATE
TITLE		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. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. 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.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and 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.
14. **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>.
15. **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, and the West Virginia Insurance Commission. 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.
16. **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 material, 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.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. 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. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. 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
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).

December 29, 2010

TO: ALL BIDDERS

**REF: Greenbrier State Forest
Swimming Pool Filter Replacement
DNRB11077**

SUBJECT: ADDENDUM No. 3

This Addendum Bulletin shall be incorporated in the Construction Contract Documents including the Drawings and Specifications for the Project referenced above. All work amended as listed herein shall be included in your Bid Proposal and the bidder shall acknowledge this addendum on the Bid Form.

The Construction Contract Documents shall be amended as follows:

BID OPENING DATE

The date that the bids will be opened is extended to January 19, 2011.

TECHNICAL QUESTIONS

The date through which technical questions will be received is extended to January 5, 2011.

SUBSTITUTION REQUESTS

The date through which requests for substitutions will be received is extended to January 5, 2011.

CLARIFICATION

Drawings:

Errors were discovered on the Filter and Filter Pump Schedules and a revised drawing is attached. See attached drawing titled "Addendum #3 Drawing".

Schedules:

On "Filter Pump Schedule" under "Inlet/Disch Size", change: "8x6" to "5x4".

On "Filter Pump Schedule" under "VFD Motor Starter Size/ Min Service Amps", change: "50A SP Input" to "80A SP Input".

See Revised Filter and Filter Pump Schedules on the attached drawing titled "Addendum #3 Drawing".

Boiler Gas Piping Size:

As part of the project, change the natural gas piping from the meter to the boiler with 1-1/2". Reconnect and loads tapped from this line. Gas service to boiler includes a new gas stop, drip leg, regulator at 14" W.C., and union at the boiler.

Boiler Breeching:

The breeching on boiler vent is to be all new Type B vent, with new roof flange, cap, etc. The boiler combustion air inlet will be single wall galvanized pipe. The vent kit number is SVK-3048, direct air vertical with sidewall combustion air.

Submittals/ Shop Drawings:

Submittals/ Shop drawings must be submitted for approval on all equipment prior to release for ordering.

TECHNICAL QUESTIONS

The following questions were received from a vendor:

1. Question: Existing specifications have been based upon Neptune –Benson specifications and are written so as to eliminate competition. This will result in a "sole source" supplier and drive up the price of the project. No "or equal" phrase in used.
Answer: Substitutions are allowed, however they are required to be approved as part of the bidding process; not after bidding.
2. Question: Total gallonage, including wading pool, calculates to 140,800 gallons not the 140,000 gallons you list. State Health Department now wants 6 hour turnover. Filter specified will only handle 380 GPM which does not meet 6 hour turnover rate of 391.11 GPM.
Answer: The filter and pump are sufficiently sized to make a final adjustment of the flow. The flow can be adjusted in excess of 400gpm with no impact on pump or filter. Selections are correct and appropriate.
3. Question; Apparently, automatic or motorized backwash capability is proposed. However the specifications do not show this, nor do the plans. Also no control panel is shown for this function.
Answer: There is no reference that we are aware of to automatic backwash. The "factory front manifold" on the original schedule was modified by addendum to include "four operating valves (WBV)". There is no indication of any automatic operation of filters; filters are full manual. The four WBVs are lever operated by hand to configure the filter

for filtering, backwash, or pump to waste. If someone is unfamiliar with such a configuration, contact Neptune Benson, it is standard and they can explain further.

4. Question: No "Rinse" or filter-to-waste function is provided for the filter. No plumbing is provided for direct draining of the pool with the pool pump, bypassing the filter.
Answer: see answer to question #3
5. Filtration is a "one filter" system. If tank fails in the future, no back up is provided to keep pool running if in the middle of the season.
Answer: Owner's decision remains unchanged; single cell horizontal fiberglass filter will be provided.
6. Question: For better operation and to prevent leakage and damage to the equipment. The controller for the pH and chlorine should have a by-pass line in PVC piping, check valve, and shut-off valves.
Answer: The "flow cell probe assembly and rotameter interlock" is configured with isolation valves using side stream piping of 5/8 poly tubing tapped immediately off the filter "return to pool line" and then to the pump suction piping between the suction isolation valve and the strainer. This is a side stream configuration as referenced in the question. Chlorine and acid are tapped on the return to pool line with ball isolation valves. This is all a standard Strantrol installation detail in use for years.
7. Question: Is liquid chlorine really the best way to go? You have handling problems with the liquid plus it is very weak chlorine. The existing tablet feeders could be reinstalled and used after cleanup, using existing tablets on site. Tablet feeders will work installed on discharge side on heater.
Answer: Project will remain liquid chlorine and muriatic acid as specified.
8. Question: Pump specified for pool is too large and not needed for proper recirculation. In my opinion, back pressure will develop on the pump causing motor overheating, cavitation, and possible seal damage.
Answer: Pump and filter information were updated by addendum. The selections are correct. Note the gear operated throttling valve on the pump discharge on sheet AQ101. Concerns are invalid due to use of valve and VFD.
9. Question: You don't discuss pump pit access. Can handicapped employees access the existing ladder? However, pump has to be where it is for flooded suction operation and due to location of surge tank. Perhaps this can be considered in any future pool redesign.
Answer: As the pump pit is a mechanical space with no access by the general public, it does not fall under ADA requirements for access,
10. Question: Installation detail for Stenner chemical feed pumps is not shown. Stenner pumps have to be mounted to the wall. With their air cooled motors. Sometimes these pump motor tend to suck in chemical vapors, resulting in corrosion of motor components. Oil-Immersed motors with solution feeders are available.
Answer: Engineer has used these pumps in similar environments for over 20 years with no significant failure rate due to corrosion. Power to chemical feed system will be from

dedicated 20A circuit. Furthermore, ventilation of filter room will be updated in follow on project to be constructed winter 2011.

11. Question: Limited illustration and information is provided on new heater vent.
Answer: See information provided above, information provided is sufficient for competent contractor to install in accordance with factory installation manual.
12. Question: In Section 12 of the specifications on page AQ101 of the plans, reference is made to "factory-trained" personnel. Later they are described as "factory persona". Those aren't the same people. Also, will you require that factory credentials be presented for approval? Some equipment factories do not provide factory training. You say that the training is to start the day after start up what is start up is on a Friday or Saturday? You don't specify.
Answer: Those conducting the training must have been previously trained on the operation, repair, and maintenance of the systems in question at the factory. Factory training credential will be required as part of the filter and chemical feed equipment submittal. Startup and training are considered to be two separate events and shall not occur at the same time. The Owner will attempt to have the necessary personnel available for training on the day following startup but this is contingent on scheduling of personnel and the successful startup and normal operation of the system. Should the systems not startup successfully, the training will be scheduled for a later date at no additional cost to the Owner. The contractor must schedule training and startup at least 14 days in advance with the Owner and Engineer. The Engineer will witness startup.
13. Question: There is some conflicting data on the drawings as to the filter tank or tanks for the project. Clarify the exact number of filters and tank model please.
Answer: Please see SD#1 in previous addenda which clarified filter sizing. Also see question #5 this addendum.
14. Question: In Addenda 1 the intended flow rate was identified as 380 gpm, is there a specific required or intended flow rate per sq. ft. of filter area?
Answer: Please see SD#1 in previous addenda which clearly stated filter area flow rate as 12 gpm/sqft. This is the maximum allowable area flow rate for bidding purposes
15. Question: Please confirm the pipe size and what flow rate the existing backwash receptor is capable of handling.
Answer: For bidding purposes, assume the receptor is sufficient. If the receptor is found to be insufficient during operation, the follow on project will address the concern.
16. Question: On drawing AQ401 there is a hatched rectangle shown on the "Enlarged Filter Room Demo Sheet" view with a note "Demo Piping". What is the nature of this work. At the pre-bid meeting there was some mention of this being a wading pool pipe that is to be connected to the main pool. Is it to be run to the surge tank ? How deep is this pipe, what size, and what is the contractor to do with it ? Please clarify.
Answer: See Answer #9 Addendum #1. Specifically, the wading pool is currently piped in the chase and no piping revision will be made as part of this project. The contractor is

responsible for demoing and replacing and piping necessary to achieve a working filtration system using best industry practices.

17. Question: On drawing AQ402 on the "Enlarged Filter Room New Conditions" view, there is a note indicating "New Float Valve.....DVINLINE PVE 04D" this appears to be identifying a 4" float valve installed on the existing pipe in the surge tank. Please confirm the size of the float valve and the pipe size the Contractor is supposed to connect to.

Answer: The Float valve model is to be DVYMCAPVC06D. It is to have a 6" wafer butterfly valve upstream, the valve is to have a square SS (stainless steel) nut on the stem and SS stem extension to 3' above tank. Verify that dual float assembly will operate correctly in tank and adjust accordingly prior to ordering. Also, verify the float shaft angles of operation (ie: -45 deg to +45 deg, or 0 deg to 90 deg), etc prior to ordering.

18. Question: From Addenda 1 we understand that the VFD will replace the existing motor starter. Is the existing panel breaker for the pump circuit, conduit and wire for the pump circuit from the panel to the existing starter to be reused or is it all to be replaced ? What is the existing breaker size ? Please clarify.

Answer: Please review SD#1, filter pump schedule notes on VFD Motor Starter. It calls for new feeders to VFD and replacement of conductors. For bidding clarification: provide a new 80Amp feeder breaker, new conduit, new THHN/THWN conductors, new fittings, etc for the feeder from the existing panel and the VFD and then to the filter pump motor as part of the project. This will be installed after demolition of the existing motor starter, its feeders, conduit, controls, downstream conduit and conductors, etc. Also, there are exposed conductors in the electrical equipment serving the filter room that will be disconnected, installed in rigid metal conduit, and reconnected as part of the project. If the conductors must be replaced to be installed in conduit at the end of the project, then the replacement of such conductors is included in the scope of work of the project.

End of Addendum