



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
DNR90092

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL 304-558-2596

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DIVISION OF NATURAL RESOURCES
 PROCUREMENT OFFICE
 CAPITOL COMPLEX
 BUILDING 3, ROOM 630
 CHARLESTON, WV
 25305 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/22/2008				

BID OPENING DATE: 03/04/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 1		
				THIS ADDENDUM IS ISSUED TO:		
				1.) ANSWER ALL QUESTIONS RAISED PRIOR TO THE		
				02/20/2008 DEADLINE		
				BID OPENING DATE REMAINS: 03/04/2008		
				BID OPENING TIME REMAINS: 1:30 PM		
				***** END ADDENDUM NO. 1 *****		
0001	1	LS		968-77		
				FISHERY & BENTHIC MACROVERTERBRATE SURVEY		
				***** THIS IS THE END OF RFQ DNR90092 ***** 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'

DNR90092
Addendum No. 1
Question and Answers

1.) EcoAnalysts is interested in bidding on the Fishery and Benthic Macroinvertebrate Survey of Cheat Lake. The RFQ states that similar projects have been conducted five times starting in 1992. We are wondering if this project was contracted out each of those five years and if so who the incumbent is? This helps give us the background on the history of the project.

Answer: The 1992 study was conducted by Normandeau Associates in PA and REI Consultants has received the contract since 1997 (the study was to be conducted every 5 years). WVDNR started conduction that WV portion of the study in 2005 and the PA portion has been subcontracted.

The benthic analysis for the Cheat Lake project should follow guidelines in the latest EPA RBP for wadeable streams. The number of benthic replicates and sampling gear must follow the proposal due to the criteria required by eh PAFBC who reviews this portion of the project.

2.) Also on the benthic macroinvertebrate task, is there a target count for identification or are all the organisms collected to be identified?

Answer: See above

3.) I would like to get a copy of the final report from 2005 if possible. I talked to DNR and Joan Adkins in the Purchasing Division and both said they did not have it.

Answer: Reports are property of Allegheny Energy Supply, I will request release of the 2005 report.

4.) I'm a little unclear by what the RFQ means by limnological profile. Is DNR asking for something like a flow measurement taken in 1-m intervals or water quality taken at 1-m intervals? Under Task 3 it says 'Physical and chemical water quality analysis and limnological surveys will be conducted monthly throughout the study'. I was assuming the profiles were of water quality characteristics but that sentence leads me to believe it is something else. Please clarify.

Answer:

PROPOSED PHYSICAL AND CHEMICAL WATER QUALITY PARAMETERS	Minimum Detection Limits
Temperature	0.1 C
pH	0.01 SI
Dissolved Oxygen	0.01 mg/L
Conductivity	1.0 μ s
Total Acidity	1.0 mg/L
Hot Acidity	1.0 mg/L
Total Alkalinity	1.0 mg/L
Sulfate	1.0 mg/L
Total Hardness	1.0 mg/L
Calcium	1.0 mg/L
Magnesium	1.0 mg/L
Total Dissolved Solids	1.0 mg/L
Total Suspended Solids	1.0 mg/L
Total and Dissolved Aluminum	0.01 mg/L
Total and Dissolved Manganese	0.01 mg/L
Total and Dissolved Iron	0.01 mg/L

Temperature, pH, Dissolved Oxygen, and conductivity at 1 meter intervals (Vertically) in the field, all others surface grab sample analysis.

5.) The RFQ calls for lab analysis of water quality samples. Are we allowed to use field equipment for parameters such as Temp, pH, DO, and conductivity? Or does everything need to be performed by a certified lab?

Answer: See above.

6.) Are the stations marked in some fashion? The RFQ calls for a 10 minute shock time at each station but I was curious how the stations are defined in terms of area (ie specified area in terms of square footage or if the sites were marked with floating buoys of some sort).

Answer: The mapping refers to the center of the station. All electrofishing collections are 10 minute horizontal transects near the

shoreline. Surveys should target approximately 5 minutes of effort on the upstream and 5 minutes on the downstream side of the transect.

7.) Is there currently an incumbent on this project, and can you release this information?

Answer: No

8.) On page 12, it is mentioned that macroinvertebrates should be identified to the lowest practical taxonomic level. As there are many ways to define this, which can potentially impact the data, can you be more specific? (Example: Genus level where possible for all insects, Decapoda, Isopoda, Amphipoda, family level for Hydracharina, Chironomidae, and Oligocheata, etc).

Answer: Must be at least family level but prefer genus for EPT taxa.

9.) I'm assuming the benthic samples will be completely sorted and identified, or are there any specific protocols you wish followed? Will subsampling be allowed for certain taxonomic groups?

Answer: They may be sub-sampled but must use standard of RBP for wadeable streams at a minimum.

10.) Page 9, item 3 requests a summary of fish, benthic macroinvertebrates, and water quality to be reported within 30 days of the date of collection. Considering the time it takes to process macroinvertebrate samples (including shipment to the processing lab, sorting, identification (especially with 100% sort), data entry, calculating the requested metrics, and QA/QC procedures throughout) a full summary within this time frame is likely to be tight even with only 18 samples per collection trip. For the macroinvertebrates, are you looking for data, or just a status report within 30 days of collection? Also, are you referring to 30 calendar days, or 30 business days?

Answer: We are looking for a status report, complete processing for benthic's are not necessary. – 30 calendar days.

11.) On page 13 of the request, Task 3. Water Quality analysis and monitoring. Are all of the parameters listed in Table 2 to be used in formulating the limnological profiles?

Answer: Limnology profiles (Temp, DO, pH, Conductivity, at 1-meter depths). All other parameters are surface water grab sample

12.) It is stated that a certified water quality laboratory will analyze the water samples. Is it required that a certified water quality lab collects the physical and chemical field measurements typically measured in the field (Temp, pH, Dissolved Oxygen, Conductivity, etc)?

Answer: No, but all technician should be trained and maintain instrument calibration records.

13.) For the macroinvertebrate sampling, can the six replicates at each station be processed as a composite or do they have to be evaluated separately?

Answer: Separately – PA guideline required for sampling permit

14.) For the water quality analysis, exactly how many months are expected for sampling, May-October?

Answer: Monthly.

15.) Pages 10-13 - Are the designated sample stations delineated in the field OR are GPS coordinates available?

Answer: Coordinates are available

16.) Page 11 - Is the pram electrofishing to be conducted during the day, evening, or night?

Answer: Pram electrofishing is conducted during the day, boat electrofishing at night.

17.) Pages 10 - 12 - In the event that low flow conditions (≤ 212 cfs) cannot be achieved in May due to unseasonable precipitation, plant operations, or other environmental factors, how will the sampling schedule be affected and/or modified?

Answer: Close coordination with hydrostation is required – This situation has not happened in the history of the project (since 1992) but we would likely just conduct the sampling as soon as 212 could be maintained.

18.) Page 11 - Please clarify the term "standing stock". We presume that this intends to mean total biomass by station, species, season, gear and it does not refer to standing crop (kg/ha), which cannot be supported by the data we are collecting.

Answer: Standing stock is just the total biomass collected by station, species, season, and gear. It cannot be connected or defined by area but can be compared to the previous studies conducted in the same fashion.

19.) Page 13 - What parameters are to be sampled for the limnological profile (e.g., temperature and DO)?

Answer: Temp, DO, pH, conductivity, and depth

20.) Page 13 - For the limnological profile, are approximate river depths available for Stations T1 and R2?

Answer: Both stations are less than 10 meters.

21.) Are photographs of the fish species sampled, or other photographs of the sampling effort, required?

Answer: Not required by you may want them as a report appendix. The preserving of small reference fish (minnows mainly) are require via your WV sampling permit.

22.) Are previous biomonitoring reports available for review - in particular, the 2005 report?

Answer: Release for previous reports are required by Allegheny Energy.

23.) Given a bid opening date of 03/04/2008 and a start date of 05/2008, what is the anticipated award date?

Answer: To Be Determined

24.) General Terms and Conditions, Item 5 states "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". As the study protocol is to start in 05/2008, how will the successful bidder be compensated

for work completed through June 30 in the event that funds are not appropriated?

Answer: The Division of Natural Resources is committed to compensating the successful bidder for any work completed should the contract end prior to the original completion date.

25.) Page 9 - It is indicated that final payment will be made at time of acceptance of the final report. May the successful bidder submit invoices for a percentage of the total bid following the completion of the interim summary reports (i.e., May, August, and October); and then submit a final invoice after the final report is accepted (e.g., Invoice schedule - 20%, 20%, 20%, 40%)?

Answer: The Division of Natural Resources will not accept invoices for interim payments. Payment will be made at the time of acceptance of the final report.

26.) In the scope of work six sites are to be boat electrofished. Three near the dam and three downstream. These sites are to be sample twice, once in May and then again in October. That would consist of twelve total sites. In a table with the text that describes electrofishing type and frequency it calls for 18 total boat electrofishing samples. I am unclear if it is 12 or 18.

Answer: The 3 stations indicating night boat electrofishing on the Cheat River sections have two sites per station. This makes a total of 6 actual sampling locations on the Cheat River and 3 in the tailwater section for both the spring and fall sampling events. See the night electrofishing locations on figures 1 and 2.

27.) Will scientific collecting permits be needed for both West Virginia and Pennsylvania?

Answer: Yes, scientific collection permits will be required for both states.

28.) In all sampling sections it states that sampling should be conducted during minimum flow periods greater than 212cfs. Is that correct?

Answer: Low flow is correct, the Lake Lynn Hydrostation is aware of the study requires and will schedule with consultants when flow requirements can be met.

29.) In the water quality section it states that water chemistry should be conducted at stations T1, **R2**, and Grassy Run. However in the table listed on page 15 it states that stations T1, **R1**, and grassy Run be sampled. Please clarify.

Answer: Water chemistry should be conducted at stations T1, R2 and Grassy Run, the table should stand corrected.

30.) Is it possible to get a copy of a report from a previous survey?

Answer: See Question 22