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NOTICE: Bids to be opened at 2:00 P.M.  
at the  
office of  
Officer in Charge Of Construction  
Jacksonville, North Carolina Area  
Building 1005, Marine Corps Base  
Camp Lejeune, North Carolina 28542

CONTRACT N62470-95-B-1501

NAVFAC SPECIFICATION  
NO. 05-95-1501

SAMPLING AND ANALYSIS OF GROUNDWATER WELLS

AT THE

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA,

AND THE

MARINE CORPS AIR STATION, NEW RIVER, JACKSONVILLE, NORTH CAROLINA

SPECIFICATION PREPARED BY:

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PART I - THE SCHEDULE

SECTION B: SUPPLIES OR SERVICES AND PRICE/COSTS

B.1 CONTRACT SUBLINE ITEMS

a. Bidders shall enter unit prices and amounts for contract line items and subline items as indicated in the schedules.

b. In the event there is a difference between a unit price and the extended total amount, the unit price will be held to be the intended bid and the total of the subline item will be recomputed accordingly. The line item which includes this subline item will also be recomputed to take into account the change in the subline item. If the bidder provides a total amount for a contract subline item but fails to enter the unit price, the total amount divided by the quantity will be held to be the intended unit price.

c. The Schedule of Firm Fixed Price Work will be used as the basis of deductions in accordance with the "CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM REQUIRED SERVICES" clause. Section E.

<u>Item</u>	<u>Supplies/Services</u>	<u>Amount</u>
0001	FIRM FIXED PRICE WORK:  Price to perform firm fixed price work in accordance with all the terms of this contract. The contract price is the sum of Subline Items 0001AA through 0001AB.  PRICE FOR CONTRACT (Contract Line Item 0001)	\$ _____

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PART I - THE SCHEDULE

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PART I - THE SCHEDULE

SECTION C: DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 GENERAL REQUIREMENTS

The Contractor shall provide all labor, supervision, tools, materials, sample bottles, equipment, and transportation necessary to perform sampling and analysis on water supply wells, identified in Section J, Attachment J-C4, and provide report as described herein, complete and ready for use.

C.1.2 WORKING HOURS

The Government's regular working hours are from 7:00 AM to 4:00 PM, Monday through Friday except:

- (1) Federal Holidays,
- (2) Other days specifically designated by the Contracting Officer,
- (3) As otherwise specified in Section C.

C.1.3 GOVERNMENT QUALITY ASSURANCE

The Government reserves the right to establish and maintain a Quality Assurance program in accordance with "Government Quality Assurance", Clause E.4, and the provisions of this clause.

C.2 DEFINITIONS - TECHNICAL.

a. Emergency. typically an unforeseen combination of circumstances which calls for immediate action as determined or directed by the Contracting Officer.

b. Government Representative. See Clause I.8.

c. Inspect. To "inspect" is a review task that is primarily conducted through the use of the sensory perceptions. Generally, an inspection is conducted in the areas involved. Inspection could be just a visual observation.

d. Inspection Records/Work Completion Form. Records shall be kept for each inspection and/or maintenance task. The records of each task performed shall include the location, the number and type of personnel performing the task, the nature of the task, the time and date work was started, and completed. Cumulative records shall be kept for each bid item. These records shall be made available to the Government for examination at any time. They shall be provided daily to the Quality Assurance Evaluator. These records shall be kept on forms subject to approval by the Contracting Officer.

e. Qualifications of Personnel. Personnel involved in all of the work shall be supervised by the Contractor. All employees assigned by the Contractor to the performance of the work under this contract shall be physically able to do their assigned work.

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f. Quality Assurance Evaluator(s). The Quality Assurance Evaluator (QAE) is that Government employee(s) responsible for the daily monitoring of Contractor performance.

g. Routine meaning daily duties or regular course of business and as determined or directed by the Contracting Officer.

h. Service Contract Manager (SCM). The individual assigned by the Contracting Officer to provide management of a service contract. Typical duties would include acting as the point of contact with the Contractor, conducting the pre-performance conference, and making recommendations for action by the Contracting Officer.

i. PPM. Parts per million.

j. PPB. Parts per billion.

### C.3 CONTRACTOR FURNISHED ITEMS

Except for items listed in the "GOVERNMENT FURNISHED PROPERTY, MATERIALS AND SERVICES" clause, Section I, the Contractor shall provide all equipment, materials, and services to perform the requirements of this contract.

a. The contractor shall be required to provide a beeper or office phone during regular working hours, for the contractor's superintendent and/or quality control person.

b. The Contractor shall provide and maintain, at his expense, the necessary service lines from existing Government outlets to the site of work.

c. The Contractor shall make arrangements to obtain all utilities at his expense.

d. Items of equipment necessary to perform work as required or ordered under this contract shall be furnished, maintained and operated by the Contractor.

e. If the quality of an item is not specified, it shall be of an acceptable industrial grade and quality.

### C.4 WORK RECEPTION, RESPONSE, SCHEDULING AND REPORTING

a. The Contractor shall report to the Contracting Officer or his designated representative, daily by 0800 in Building 1005 when required.

b. The Contractor shall schedule and complete all work during regular working hours. The Contracting Officer will attempt to give the Contractor 24 hours notice of any Government required changes in the Contractor's submitted schedule.

c. The Contractor shall submit a detailed report of completed services each work day to the Contracting Officer prior to 8:00 AM at Building 1005.

The report shall, as a minimum, describe the exact location(s) where services were performed the previous work day, where they will be performed the current work day, the number and types of personnel performing the work, the type of service, quantity of work completed, Quality Control comments, and other pertinent information.

C.5 CONTRACT REQUIREMENTS, FIRM FIXED PRICE LUMP SUM WORK

C.5.1 GENERAL. The Contractor shall provide all labor, material, equipment and supervision necessary for the sampling and analysis of seventy two (72) water supply wells located throughout the Camp Lejeune Marine Corps complex, to include the Marine Corps Air Station, Camp Geiger and the Greater Sandy Run Area. The Contractor shall follow the Environmental Protection Agency (EPA), Region IV guidelines. The work shall be accomplished in accordance with the specifications in paragraphs C.5, and the (PRS), Performance Requirements Summary, Attachment J-C2, in Section J. The Contractor shall submit laboratory certification for all tests required by this contract.

C.5.2 CONTRACT REQUIREMENTS.

The work on this contract shall be supervised at all times by an individual with a minimum of three years experience in water sampling and analysis.

C.5.2.1 Contract Requirement 0001AA, Water Supply Well Sampling and Analysis.

Sample and analyze the (72) water supply wells identified in Attachment J-C4, in Section J. Sampling shall be in accordance with EPA Region IV Environmental Compliance Branch's guidance entitled "Standard Operating Procedures and Quality Assurance Manual" dated February 1, 1991. The applicable sections of which are in Section J, Attachment J-C5. Any changes to the initial schedule must be coordinated at a minimum of 36 hours in advance to insure that the well can be turned on and run for 24 hours prior to the sampling. The following information shall be collected at each wellhead site during the sampling collection:

- (1) Well identification number
- (2) Number of samples taken
- (3) Date and time of samples collected
- (4) Weather conditions during the sampling event
- (5) Pumping level of each well
- (6) pH of sample taken

Laboratory analyses will be performed by a laboratory that is certified in the State of North Carolina for Safe Drinking Water Act for VOC's in accordance with EPA Method 524.2 using gas chromatography/mass spectrometry for the Compound List for the following:

- (1) Benzene
- (2) Bromobenzene
- (3) Bromochloromethane
- (4) Bromodichloromethane
- (5) Bromoform

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- (6) Bromomethane
- (7) n-Butylbenzene
- (8) sec-Butylbenzene
- (9) tert-Butylbenzene
- (10) Carbon tetrachloride
- (11) Chlorobenzene
- (12) Chloroethane
- (13) Chloroform
- (14) Chloromethane
- (15) 2-Chlorotoluene
- (16) 4-Chlorotoluene
- (17) Dibromochloromethane
- (18) 1,2-Dibromo-3-chloropropane
- (19) 1,2-Dibromoethane
- (20) Dibromomethane
- (21) 1,2-Dichlorobenzene
- (22) 1,3-Dichlorobenzene
- (23) 1,4-Dichlorobenzene
- (24) Dichlorodifluoromethane
- (25) 1,1-Dichloroethane
- (26) 1,2-Dichloroethane
- (27) 1,1-Dichloroethane
- (28) cis-1,2-Dichloroethene
- (29) trans-1,2-Dichloroethene
- (30) 1,2-Dichloropropane
- (31) 1,3-Dichloropropane
- (32) 2,2-Dichloropropane
- (33) 1,1-Dichloropropene
- (34) cis-1,3-Dichloropropene
- (35) trans-1,3-Dichloropropene
- (36) Ethylbenzene
- (37) Hexachlorobutadiene
- (38) Isopropyltoluene
- (39) p-Isopropyltoluene
- (40) Methylene Chloride
- (41) Naphthalene
- (42) Propylbenzene
- (43) Styrene
- (44) 1,1,1,2-Tetrachloroethane
- (45) 1,1,2,2-Tetrachloroethane
- (46) Tetrachloroethene
- (47) Toluene
- (48) 1,2,3-Trichlorobenzene
- (49) 1,2,4-Trichlorobenzene
- (50) 1,1,1-Trichloroethane
- (51) 1,1,2-Trichloroethane
- (52) Trichloroethene
- (53) Trichlorofluoromethane
- (54) 1,2,3-Trichloropropane
- (55) 1,2,4-Trimethylbenzene
- (56) 1,3,5-Trimethylbenzene
- (57) Vinyl Chloride
- (58) Xylenes (total)

C.5.2.2 Contract Requirement 0001AB, Final Report.

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The Contractor shall prepare and submit a final report consisting of the following:

(1) The report shall be in a format consisting of the first section identified as a summary. This summary shall include the inclusive dates in which the water supply wells were sampled. A description of sample, handling and collection procedures. Discussion of any wells which the analysis exceeded the North Carolina Ground Water standards in 15A NCAC 2L. The second section shall contain all data gathered by well number. It shall include the information obtained at the time the well was sampled. It shall also contain tabulated results of the laboratory analysis of all of the compound list for each well; all results shall be in PPB. Any analysis exceeding the North Carolina Ground Water standards shall be identified. The third section shall contain the original laboratory analysis, the chain of custody forms and the work logs utilized during the well sampling event.

(2) The Contractor shall provide monitoring results and all of the well information in a database. The database shall be Lotus Approach for Windows release 2.1 format on 3 1/2 inch floppy disks. The disks must be in a format accessible with DOS 5.0.

(3) The Contractor shall provide five printed copies of the final report to include the original laboratory analysis, the original log sheets, the original chain of custody forms and all other information required in (1) above.

(4) The Contractor shall provide five copies of the final report, as well as the database on 3 1/2 inch 1.44M floppy disks. The database shall be user friendly and accessible by Lotus AmiPro release 3.0.

#### C.6 SCHEDULING AND WORK DOCUMENTATION

a. The Contractor shall submit his schedule of work to the Contracting Officer for approval by 15 days after award of the contract. This schedule will be based on sampling not less than four and not more than eight wells daily. Any changes to this schedule shall be submitted in writing not less than 48 hours in advance.

b. Reports: The Contractor shall maintain complete records of all work accomplished under this contract.

c. Service Interruptions. Shall be scheduled in accordance with Section F.5.d and shall be subject to approval by the Contracting Officer.

d. Contract Discrepancy Report. The Contracting Officer may send a "Contract Discrepancy Report" to the contractor listing deficiencies in the contractor's work. The contractor shall inform the Contracting Officer in writing, within three (3) calendar days of receipt of the report, of the action the contractor proposes to take to remedy the deficiencies, and of the measures the contractor plans to adopt to insure that similar deficiencies will not reoccur in the future.

e. Performance Evaluations. The Government may, at its discretion, **CLW**

prepare evaluation reports on the contractor's performance. The contractor may be periodically requested to comment on these reports in writing.

f. Modification Proposals. Proposals for contract modification shall be submitted in accordance with G.2, "MODIFICATION PROPOSALS - PRICE BREAKDOWN".

\*\*END OF SECTION\*\*

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