

BIDDERS COMPANY NAME

REQUEST FOR PROPOSAL

6489

WATER WELL SERVICES

AT

VARIOUS COUNTY PARK LOCATIONS

FOR

WASHTENAW COUNTY PARKS

AND RECREATION COMMISSION

Prepared By:

Washtenaw County Purchasing
Administration Building
220 N. Main, B-35
Ann Arbor, MI 48107

Crystal A. Wake, C.P.M., CPPB
Senior Buyer
(734) 222-6760





WASHTENAW COUNTY

Finance Department

Purchasing Division

220 N. Main, Ann Arbor, MI 48107-8645
Phone (734) 222-6760, Fax (734) 222-6764

REQUEST FOR PROPOSAL # 6489

August 31, 2009

Washtenaw County Purchasing Division on behalf of the Parks and Recreation Commission is issuing a Sealed Request for Proposal (RFP) #6489 for Water Well Services for Various Washtenaw County Parks & Recreation locations.

Sealed Proposals: Consultant will deliver **four (4) copies**, the **one (1) original and three (3) copies** to the following address:

**Washtenaw County
Administration Building
Purchasing Division
220 N. Main St. Room B-35
Ann Arbor, MI. 48107**

by 4:00 p.m. on MONDAY SEPTEMBER 14, 2009

Proposals received after the above cited time will be considered a late bid and are not acceptable unless waived by the Purchasing Manager.

- Please be sure the envelope is clearly marked "**SEALED RFP #6489**".
- Please direct purchasing and procedural questions regarding this RFP to Crystal A. Wake at **734-222-6760**.
- Please direct any technical questions regarding this RFP to Ed Holley, Maintenance Superintendent at **734-971-6337, ext. 316**.

Thank you for your interest.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

I. PROPOSAL

Definitions: “**County**” is Washtenaw County in Michigan.

“**Bidder**” an individual or business submitting a bid to Washtenaw County.

“**CONTRACTOR**” one who contracts to perform work or furnish materials in accordance with a contract.

“**WCPARC**” Washtenaw County Parks and Recreation Commission

Purpose of Proposal: Washtenaw County Parks and Recreation Commission has a need for Water Well Services for Various Washtenaw County Parks & Recreation locations.

Proposal Terms:

A. Washtenaw County reserves the right to reject any and all proposals received as a result of this RFP. If a proposal is selected, it will be the most advantageous regarding price, quality of service, the Contractors qualifications and capabilities to provide the specified service, and other factors that the County may consider. The County does not intend to award a contract fully on the basis of any response made to the proposal; the County reserves the right to consider proposals for modifications at any time before a contract would be awarded, and negotiations would be undertaken with that Contractor whose proposal is deemed to best meet the County’s specifications and needs.

B. The County reserves the right to reject any or all bids, to waive or not waive informalities or irregularities in bids or bidding procedures, and to accept or further negotiate cost, terms, or conditions of any bid determined by the County to be in the best interests of the County even though not the lowest bid.

C. Proposals must be signed by an official authorized to bind the Contractor to its provisions for at least a period of 90 days. Failure of the successful bidder to accept the obligation of the contract may result in the cancellation of any award.

D. In the event it becomes necessary to revise any part of the RFP, addenda will be provided. Deadlines for submission of RFP's may be adjusted to allow for revisions. To be considered, **four (4) copies**, the one (1) **original and three (3) copies** (one copy unbound and suitable for photocopying) must be at the County on or before the date specified.

E. Proposals should be prepared simply and economically providing a straight-forward, concise description of the vendor’s ability to meet the requirements of the RFP. Proposals shall be written in ink or typewritten. No erasures are permitted. Mistakes may be crossed out and corrected and must be initialed in ink by the person **signing** the proposal.

F. A standard Washtenaw County Service Contract will be executed between Washtenaw County and the awarded vendor. A copy of the Washtenaw County Service Contract is available for review upon request.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

G. In the event, the County receives two or more bids from responsive, responsible bidders, on or more of whom are Washtenaw County vendors and the bids are substantially equal in price, quality and service, the County shall award the contract to the most responsive, responsible Washtenaw County vendor. For purposes of this section, Washtenaw County vendor means a company which has maintained its principal office in Washtenaw County for at least six (6) months. Maintaining a Washtenaw County P.O. Box is not, in and of itself, sufficient to discretion under this section to determine if a company qualifies as a Washtenaw County vendor and if two or more bids are substantially equal.

II. PROPOSAL SPECIFICATIONS

The proposal shall include all the following information (failure to include all the information could result in disqualification):

- A. Contractor's Qualifications, years in business, experience in providing the level and type of equipment specified in the proposal.
- B. Bank references with name and phone number of contact person.
- C. At least three (3) current references using similar equipment listed in the proposal. Include company name, contact name and phone number.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

III. STANDARD PROVISIONS FOR CONTRACTS

If a contract is awarded, the selected vendor will be required to adhere to a set of general contract provisions that will become a part of any formal agreement. These provisions are general principles that apply to all CONTRACTORS of service to Washtenaw County such as the following:

ARTICLE III - REPORTING OF CONTRACTOR

Section 1 - The CONTRACTOR is to report to Manager of Support Services Facilities Management and/or his designee and will cooperate and confer with him/her as necessary to insure satisfactory work progress.

Section 2 - All reports, estimates, memoranda and documents submitted by the CONTRACTOR must be dated and bear the CONTRACTOR's name.

Section 3 - All reports made in connection with these services are subject to review and final approval by the County Administrator.

Section 4 - The County may review and inspect the CONTRACTOR's activities during the term of this contract.

Section 5 - When applicable, the CONTRACTOR will submit a final, written report to the County Administrator.

Section 6 - After reasonable notice to the CONTRACTOR, the County may review any of the CONTRACTOR's internal records, reports, or insurance policies.

ARTICLE V - PERSONNEL

Section 1 - The CONTRACTOR will provide the required services and will not subcontract or assign the services without the County's written approval.

Section 2 - The CONTRACTOR will not hire any County employee for any of the required services without the County's written approval.

Section 3 - The parties agree that the CONTRACTOR is neither an employee nor an agent of the County for any purpose.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

ARTICLE VI - INDEMNIFICATION AGREEMENT

The CONTRACTOR will protect, defend and indemnify Washtenaw County, its officers, agents, servants, volunteers and employees from any and all liabilities, claims, liens, fines, demands and costs, including legal fees, of whatsoever kind and nature which may result in injury or death to any persons, including the CONTRACTOR's own employees, and for loss or damage to any property, including property owned or in the care, custody or control of Washtenaw County in connection with or in any way incident to or arising out of the occupancy, use, service, operations, performance or non-performance of work in connection with this contract resulting in whole or in part from negligent acts or omissions of CONTRACTOR, any sub-CONTRACTOR, or any employee, agent or representative of the CONTRACTOR or any sub-CONTRACTOR.

ARTICLE VII - INSURANCE REQUIREMENTS

The CONTRACTOR will maintain at its own expense during the term of this Contract, the following insurance:

1. Workers' Compensation Insurance with Michigan statutory limits and Employers Liability Insurance with a minimum limit of \$100,000 each accident for any employee.
2. Comprehensive/Commercial General Liability Insurance with a combined single limit of \$1,000,000 each occurrence for bodily injury and property damage. The County shall be added as "additional insured" on general liability policy with respect to the services provided under this contract.
3. Automobile Liability Insurance covering all owned, hired and non-owned vehicles with Personal Protection Insurance and Property Protection Insurance to comply with the provisions of the Michigan No Fault Insurance Law, including residual liability insurance with a minimum combined single limit of \$1,000,000 each accident for bodily injury and property damage.

Insurance companies, named insureds and policy forms shall be subject to the approval of the Washtenaw County Administrator. Such approval shall not be unreasonably withheld. Insurance policies shall not contain endorsements or policy conditions which reduce coverage provided to Washtenaw County. CONTRACTOR shall be responsible to Washtenaw County or insurance companies insuring Washtenaw County for all costs resulting from both financially unsound insurance companies selected by CONTRACTOR and their inadequate insurance coverage. CONTRACTOR shall furnish the Washtenaw County Administrator with satisfactory certificates of insurance or a certified copy of the policy, if requested by the County Administrator.

No payments will be made to the CONTRACTOR until the current certificates of insurance have been received and approved by the Administrator. If the insurance as evidenced by the certificates furnished by the CONTRACTOR expires or is canceled during the term of the contract, services and related payments will be suspended. CONTRACTOR shall furnish the County Administrator's Office with certification of insurance evidencing such coverage and endorsements at least ten (10) working days prior to commencement of services under this contract. Certificates shall be addressed to the County Administrator, **Attn: Parks and Recreation Commission**, P. O. Box 8645, Ann Arbor, MI, 48107, and shall provide for 30 day written notice to the Certificate holder of cancellation of coverage.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

ARTICLE VIII - COMPLIANCE WITH LAWS AND REGULATIONS

The CONTRACTOR will comply with all federal, state and local regulations, including but not limited to all applicable OSHA/MIOSHA requirements and the Americans with Disabilities Act.

ARTICLE IX - INTEREST OF CONTRACTOR AND COUNTY

The CONTRACTOR promises that it has no interest which would conflict with the performance of services required by this contract. The CONTRACTOR also promises that, in the performance of this contract, no officer, agent, employee of the County of Washtenaw,

or member of its governing bodies, may participate in any decision relating to this contract which affects his/her personal interest or the interest of any corporation, partnership or association in which he/she is directly or indirectly interested or has any personal or pecuniary interest. However, this paragraph does not apply if there has been compliance with the provisions of Section 3 of Act No. 317 of the Public Acts of 1968 and/or Section 30 of Act No. 156 of Public Acts of 1851, as amended by Act No. 51 of the Public Acts of 1978, whichever is applicable.

ARTICLE X - CONTINGENT FEES

The CONTRACTOR promises that it has not employed or retained any company or person, other than bona fide employees working solely for the CONTRACTOR, to solicit or secure this contract, and that it has not paid or agreed to pay any company or person, other than bona fide employees working solely for the CONTRACTOR, any fee, commission, percentage, brokerage fee, gifts or any other consideration contingent upon or resulting from the award or making of this contract. For breach of this promise, the County may cancel this contract without liability or, at its discretion, deduct the full amount of the fee, commission, percentage, brokerage fee, gift or contingent fee from the compensation due the CONTRACTOR.

ARTICLE XI - EQUAL EMPLOYMENT OPPORTUNITY

The CONTRACTOR will not discriminate against any employee or applicant for employment because of race, creed, color, sex, sexual orientation, national origin, physical handicap, age, height, weight, marital status, veteran status, religion and political belief (except as it relates to a bona fide occupational qualification reasonably necessary to the normal operation of the business).

The CONTRACTOR will take affirmative action to eliminate discrimination based on sex, race, or a handicap in the hiring of applicant and the treatment of employees. Affirmative action will include, but not be limited to: Employment; upgrading, demotion or transfer; recruitment advertisement; layoff or termination; rates of pay or other forms of compensation; selection for training, including apprenticeship.

The CONTRACTOR agrees to post notices containing this policy against discrimination in conspicuous places available to applicants for employment and employees. All solicitations or advertisements for employees, placed by or on the behalf of the CONTRACTOR, will state that all qualified applicants will receive consideration for employment without regard to race, creed, color, sex, sexual orientation, national origin, physical handicap, age, height, weight, marital status, veteran status, religion and political belief.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

ARTICLE XII - LIVING WAGE

The parties understand that the County has enacted a Living Wage Ordinance that requires covered vendors who execute a service or professional service contract with the County to pay their employees under that contract, a minimum of either \$10.88 per hour with benefits or \$12.75 per hour without benefits. CONTRACTOR agrees to comply with this Ordinance in paying its employees. CONTRACTOR understands and agrees that an adjustment of the living wage amounts, based upon the Health and Human Services poverty guidelines, will be made on or before May 1, 2010 and annually thereafter which amount shall be automatically incorporated into this contract. County agrees to give CONTRACTOR thirty (30) days written notice of such change. CONTRACTOR agrees to post a notice containing the County's Living Wage requirements at a location at its place of business accessed by its employees.

ARTICLE XIII - EQUAL ACCESS

The CONTRACTOR shall provide the services set forth in Article I without discrimination on the basis of race, color, religion, national origin, sex, sexual orientation, marital status, physical handicap, or age.

ARTICLE XIV - OWNERSHIP OF DOCUMENTS AND PUBLICATION

All documents developed as a result of this contract will be freely available to the public. None may be copyrighted by the CONTRACTOR. During the performance of the services, the CONTRACTOR will be responsible for any loss of or damage to the documents while they are in its possession and must restore the loss or damage at its expense. Any use of the information and results of this contract by the CONTRACTOR must reference the project sponsorship by the County. Any publication of the information or results must be co-authored by the County.

ARTICLE XV - ASSIGNS AND SUCCESSORS

This contract is binding on the County and the CONTRACTOR, their successors and assigns. Neither the County nor the CONTRACTOR will assign or transfer its interest in this contract without the written consent of the other.

ARTICLE XVI - TERMINATION OF CONTRACT

Section 1 - Termination without cause. Either party may terminate the contract by giving thirty (30) days written notice to the other party.

ARTICLE XVII - PAYROLL TAXES

The CONTRACTOR is responsible for all applicable state and federal social security benefits and unemployment taxes and agrees to indemnify and protect the County against such liability.

ARTICLE XVIII - PRACTICE AND ETHICS

The parties will conform to the code of ethics of their respective national professional associations.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

ARTICLE XIX- CHANGES IN SCOPE OR SCHEDULE OF SERVICES

Changes mutually agreed upon by the County and the CONTRACTOR, will be incorporated into this contract by written amendments signed by both parties.

ARTICLE XX - CHOICE OF LAW AND FORUM

This contract is to be interpreted by the laws of Michigan. The parties agree that the proper forum for litigation arising out of this contract is in Washtenaw County, Michigan.

ARTICLE XXI - EXTENT OF CONTRACT

This contract represents the entire agreement between the parties and supersedes all prior representations, negotiations or agreements whether written or oral.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

IV. TERMS AND CONDITIONS

Award: Washtenaw County reserves the right to reject any and all proposals received as a result of this RFP. If a proposal is selected it will be the most advantageous regarding price (See “Low Bid” following), quality of service, the Contractors’ qualifications and capabilities to provide the specified service, and other factors which the County may consider. The County does not intend to award a contract fully on the basis of any response made to the proposal; the County reserves the right to consider proposals for modifications at any time before a contract would be awarded, and negotiations would be undertaken with that Contractor whose proposal is deemed to best meet the County’s specifications and needs. Washtenaw County may award the entire proposal to one bidder and/or divide out sections to be awarded to separate bidders. Washtenaw County also reserves the right to award the entire contract to multiple bidders. Whichever is in the County’s best interest.

Low Bid: Low Bid will be determined by response given on the Bid Sheet to the most responsive and responsible bidder.

Term: The term will be for One (1) year with the option to renew for years Two (2) and Three (3) from the date of award.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

V. GENERAL CONDITIONS

Purpose

The intent of this document is to provide interested vendors with sufficient information to enable them to prepare and submit proposals for consideration by Washtenaw County Parks and Recreation Commission. To establish costs to supply Water Well Services and to plug and install wells at park locations on an as needed basis. We realized that each location will vary and additional costs could incur. Parks and Recreation will not be obligated to purchase all services or commodities listed on the Bid Sheet but will utilize items on an as needed basis.

Scope of Work

The work to be done shall consist of furnishing all labor, materials, and equipment for complete and satisfactory plugging of abandoned water wells along with drilling and installation of new wells as requested. The CONTRACTOR shall provide a written proposal for any work done under this RFP and shall be in accordance with pricing given within this bid. All work must have prior approval from WCPARC Maintenance Supervisor. The CONTRACTOR shall comply with all federal, state, and local laws and ordinances relating to performances of the work. All work is to be done in accordance with the Michigan Water Well Construction and Pump Installation Code, Act 368, PA of 1978, Part 127, known as the Ground Water Quality Control Act and administrative rules adopted there under and specifications described herein. The proposed water well abandonment and/or new well placement site is indicated in writing by Washtenaw County Parks and Recreation (WCPARC) Maintenance Superintendent. It should be realized that in some cases it may be impractical to plug a well due to its location, such as a well located under a structure. In the event the CONTRACTOR determines the well to be inaccessible for plugging, the CONTRACTOR shall notify the Maintenance Superintendent before proceeding. The decision as to whether a casing must be removed as part of the abandonment procedure will be made by the Maintenance Superintendent on site. All work shall be subject to the order of WCPARC representative who shall be kept informed at all times as to the status of the work. WCPARC will pay the CONTRACTOR for unit price bid based on the actual depth and diameter of the well. Revised 6/03 2 Authority: Act 368 PA 1978 Form #EQC 2047

Registration

The work shall be completed by a water well drilling CONTRACTOR registered in the State of Michigan, who shall comply with all applicable rules, regulations, and guidelines published by the State of Michigan regarding the performance of the work. All permits are to be requested by and issued through the CONTRACTOR and at the CONTRACTOR's expense.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

Utilities for Construction

Unless otherwise provided for in these specifications, the CONTRACTOR shall furnish their own source of electricity, fuel and water required to perform the work, and shall bear the cost of these services.

Protection of Property

The CONTRACTOR shall properly protect all surface and subsurface structures and surrounding areas from damage which may result from the methods employed in performing the work. The CONTRACTOR shall be responsible for any damages to such structures resulting from his operations. Damaged property shall be repaired or replaced to a condition which is equal to that which existed prior to damage. WCPARC shall have the right to approve these restoration measures.

Notification of Utilities

The CONTRACTOR shall comply with Act 53, PA of 1974, by notifying the public utilities of the proposed drilling or excavating at least 48 hours prior to the commencement of such activities by contacting MISS DIG at 1-800-482-7171.

Disposal of Water

The CONTRACTOR shall make all provisions necessary for conveying any water encountered in performing the work away from adjacent structures, and shall take measures necessary to prevent erosion and/or flooding of the site and adjacent properties. The CONTRACTOR shall also prevent discharge water from flowing over any adjacent wells or sewage disposal system.

Clean-Up

The CONTRACTOR shall provide all material and labor to maintain the site in an orderly condition, which is conducive to good workmanship. The CONTRACTOR shall keep the site free from accumulation of waste materials, rubbish, and other debris resulting from the work.

Safety

The CONTRACTOR shall comply with all applicable laws and regulations governing the furnishing and use of safeguards, safety devices, and protection equipment. The CONTRACTOR shall take any necessary precautions to protect the life and health of employees and the public in the performance of the work.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

Excavation of Wells

Locating buried wells, excavation, backfilling, and site restoration shall be on the basis of the unit price per hour and shall include all labor, material, and equipment to locate and expose the well, backfill the excavation, including well pits, and perform site restoration as specified herein not to exceed the time estimated on the bid sheet without prior approval or WCPARC representative.

Plugging Materials

- A. Neat cement slurry - a mixture of one bag (94 pounds) of Type I Portland cement to not more than 6 gallons of clean water as defined in R325.1603a(1), Rule 103a(1), definitions; N,O.
- B. Concrete slurry - a mixture of one bag (94 pounds) of Type I Portland cement to an equal amount of dry sand to not more than 6 gallons of clean water as defined in R325.1602(3), Rule 102(3), definitions; C, D.
- C. Coarse grade bentonite - crushed high swelling sodium bentonite. The minimum particle size shall be 1/4 inch in diameter as defined in R325.1601a(4), Rule 101a(4), definitions; B.
- D. Bentonite pellets - a pre-formed compressed tablet made of high swelling sodium bentonite. The minimum pellet size shall be 1/4 inch in diameter as defined in R325.1601a(6), Rule 101a(6), definitions; B.

Grouts and Grout/Fluid Additives

Bentonite grouts; special cements; or other admixtures to the grout material to reduce permeability, increase fluidity, control time of set, or alter the slurry composition in any way, shall not be used unless approved by WCPARC. WCPARC approval shall be based upon compliance with the following specifications as applicable: ANSI/NSF standards 60 or 61 (additives), ASTM specification C 150 (cements), or section 10 of the API specification 10 and section 4 of the API specification 13A (bentonites) in accordance with R325.1640(2)(a) and (b), Rule 140(2)(a) and (b), certification of water well components. Revised 6/03 4 Authority: Act 368 PA 1978 Form #EQC 2047

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

VI. COMPLETION OF WORK

General Conditions

Unless otherwise specified, abandonment of an existing contaminated well shall take place after construction of the replacement well in order to minimize interruption of water service. Prior to plugging the existing contaminated well, the CONTRACTOR shall make appropriate measurements to verify well depth. The CONTRACTOR shall maintain a complete and accurate record of the plugging operation. The information to be recorded shall include the type of plugging material used, volume of material used, and method of placing plugging material into the well. Such written record shall be available for inspection on site at the request of WCPARC. The completed well plugging report shall be submitted to WCPARC within 60 days of completion of the plugging operation. Final approval and payment to the CONTRACTOR shall be withheld by WCPARC until the plugging report has been submitted. Water necessary for preparing plugging slurries shall be obtained by the CONTRACTOR at his own expense from a source satisfactory to WCPARC and shall be conveyed in a clean, sanitary container.

Removal of Well Materials

The CONTRACTOR shall remove all materials from the well which may hinder its proper abandonment, if possible, in accordance with R325.1662(2), Rule 162(2), abandoned wells and dry holes; removal of debris and obstructions. This shall include pumping equipment, drop pipe, and packer jets. Removal of check valves is not required. Electrical disconnections of the pumping equipment shall be made in accordance with applicable electrical codes.

Casing Removal

The casing and screen shall be removed where specified by WCPARC. If measurements and available local geological information indicate that the existing contaminated well terminates in the same formation as the completed replacement well, penetrates a confining formation (clay, hardpan), or WCPARC representative believes there is a visible open annular space around the casing, the CONTRACTOR shall remove the casing with the approval of WCPARC representative. The casing shall be removed by applying a lifting force to the casing with the drilling rig, jacks, jarring head, trip casing spear or a combination of the above methods. The plugging material shall be placed into the well after the screen is removed and prior to the removal of the casing so that the plugging material is in contact with the formation materials as the casing is being pulled.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

Casing Termination

Where removal of the casing is not required, as determined by WCPARC representative, or where the casing cannot be removed, the CONTRACTOR shall cut the casing off at least 12 inches below grade. For wells located in a building, upon completion of well plugging, the CONTRACTOR shall fill the casing to floor level with no less than 12 inches of cement. Casing shall be cut off not more than 3 inches from floor level. For wells terminating in a well pit, casing shall be cut off not less than twelve inches below the grade established when the pit is filled. Where the well cannot be Revised 6/03 5 Authority: Act 368 PA 1978 Form #EQC 2047 located, or is determined by WCPARC to be inaccessible, the service line shall be cut off not more than 3 inches from the point of building or structure entry, and shall be filled with no less than 12 inches of cement.

Plugging Procedures

Wells shall be plugged in accordance with the CODE, R325.1663, Rule 163, Abandoned wells and dry holes; plugging method and R325.1664, abandonment of wells; plugging materials.

A. Slurry mixture and pumping - When neat cement slurry or concrete slurry is used, it shall be placed into the well by pumping down a tremie pipe of at least one inch inside diameter which has been placed to the bottom of the well to avoid segregation or dilution of sealing materials. The slurry shall be applied in one continuous operation until the well is filled. The tremie pipe shall be submerged in the slurry at all times during slurry placement. Equipment used for pumping cement grout shall be of the diaphragm, piston, gear, or helical type. The CONTRACTOR shall be responsible for determining the amount of slurry required to plug the well. Appendix IV of the Michigan Water Well Construction and Pump Installation Code, Act 368, PA of 1978, Part 127, known as the Ground Water Quality Control Act and administrative rules, may be used as a guide.

B. Cement slurries - Neat cement or concrete slurries shall be prepared by adding cement or sand-and-cement to the calculated required volume of clean water. The material shall be mixed in the mixing equipment until it is adequately mixed and free of lumps, then immediately pumped into the well without delay.

C. Coarse grade or pelletized bentonite - Where coarse grade or pelletized bentonite is used, it shall be poured slowly into the top of the well to avoid bridging of material in the casing or borehole. Pellets or coarse bentonite shall be placed into the well by pouring at an even rate not to exceed five (5) minutes per fifty (50) pounds of materials. Fine bentonite particles which accumulate in the bottom of the shipping container shall not be used. A work pipe or weighted drop string shall be placed in the well and the height of accumulated plugging material measured after each 50 pounds of bentonite is placed in the well. If measurement indicates that bridging of plugging material has occurred, a work pipe, drill rods, or other weighted device shall be run into the casing to break the bridge. The plugging operation shall continue until the bentonite appears at the surface. Water shall then be placed into the casing to promote expansion of the bentonite above the static water level.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

Well Pit Abandonment

The CONTRACTOR shall upon completion of well plugging, abandon a well pit by filling with clean soil to the established grade level.

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

BID SHEET

The Vendor will be expected to complete the Bid Sheet. These are examples of typically needed services throughout the County Parks.

NEW INSTALLATION

MATERIALS	QUANTITY	PRICE
5" PVC Well, Drilling Per Ft.	100 Ft	\$ _____
5" PVC Screen	8 Pieces.	\$ _____
Fitting for Screen & Tank	1 Piece	\$ _____
Pressure Grouting	90 Ft	\$ _____
Gravel Pack around Point	8 bags	\$ _____
Well Pump	1 Pump	\$ _____
Pressure Tank	1 Tank	\$ _____
Piping from Well to Structure	100 Ft	\$ _____
Fuel/Trip Charge		\$ _____
	TOTAL	\$ _____

LABOR	PRICE PER HOUR
Regular Hours, Mon. – Fri.	\$ _____
Overtime Hours, Fri. – Sun.	\$ _____
Holiday Hours Mon. – Sun.	\$ _____

Additional Items Including Costs Not Listed Above:

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

BID SHEET

The vendor will be expected to complete the Bid Sheet. These are examples of typically needed services throughout the County Parks.

ABANDONMENT OF OLD WELL

MATERIALS	QUANTITY	PRICE
Removal of Old Casing	100 Ft	\$ _____
Plugging of Old Well	100 Ft	\$ _____
Removal of Old Piping, Pump & Tank		\$ _____
Excavation Work	Per Hourly Rate	\$ _____
Fuel/Trip Charge		\$ _____
	TOTAL	\$ _____

LABOR	PRICE PER HOUR
Regular Hours	\$ _____
Overtime Hours	\$ _____
Holiday Hours	\$ _____

Additional Items Including Costs Not Listed Above:

RFP #6489 – WATER WELL SERVICES AT VARIOUS COUNTY PARKS

SIGNATURE SHEET

Signature _____	Company Name _____
Print Name _____	Company Address _____
Title _____	City _____ St. _____ Zip _____
Telephone # _____	Fax # _____
Federal Tax ID # _____	URL/Email Address _____

Proposals must be signed by an official authorized to bind the provider to its provisions for at least a period of 90 days.

By checking this box we hereby certify that we are a Washtenaw County company as defined in Section I.,G. above . If proven otherwise you may be subject to Disbarment and/or Suspension of doing business with Washtenaw County.