

BIDDERS COMPANY NAME

REQUEST FOR PROPOSAL

#6618

VARIABLE FREQUENCY DRIVES FOR POOL PUMPS

LOCATED AT

Meri Lou Murray Recreation Center & Rolling Hills County Park

Washtenaw County
Parks and Recreation Commission

Prepared by:

Washtenaw County
Purchasing Division
Administration Building
220 N. Main, B-35
Ann Arbor, MI 48104

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





**WASHTENAW COUNTY
FINANCE DEPARTMENT**

Purchasing Division

220 N. Main, Ann Arbor, MI 48104
Phone (734) 222-6760, Fax (734) 222-6764

REQUEST FOR PROPOSAL #6618

June 16, 2011

Washtenaw County Purchasing Division on behalf of the Washtenaw County Parks and Recreation Commission is issuing a Sealed Request for Proposal (RFP) #6618 for **Variable Frequency Drives for the Pool Pumps located at the Meri Lou Murray Recreation Center** in Ann Arbor, MI and **Rolling Hills County Park** in Ypsilanti Township, MI.

Sealed Proposals: Contractor will deliver **one (1) original and four (4) copies** to the following address:

Washtenaw County
Administration Building
Purchasing Division
220 N. Main St. Room B-35
Ann Arbor, MI 48104

by 4:00 p.m., Wednesday July 13, 2011

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

A MANDATORY Walk Through will be held on THURSDAY, JUNE 23, 2011 AT 1:00PM

2960 Washtenaw Ave. Ann Arbor MI 48104 then moving to 7660 Stony Creek Road, Ypsilanti Twp, MI 48197

ATTENDANCE WILL BE TAKEN. Any vendor not represented and signed in will be excluded from the bidding process.

- The envelope should be clearly marked "**SEALED RFP #6618**".
- Please direct purchasing and procedural questions regarding this RFP to Crystal A. Wake at **734-222-6760** or wakec@ewashtenaw.org.
- Please direct technical questions regarding this RFP to Richard Kent, Park Planner at **734-971-6337, ext 319** or kentr@ewashtenaw.org.

Thank you for your interest.

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I. PROPOSAL

Definitions	“Bidder”	An individual or business submitting a bid to Washtenaw County
	“Contractor”	One who contracts to perform services in accordance with a contract
	“County”	Washtenaw County in Michigan
	“WCPARC”	Washtenaw County Parks and Recreation Commission

Purpose of Proposal: The purpose of this Request for Proposal (RFP) is to obtain bids to provide the services required to supply and install Variable Frequency Drives (VFD’s) for pool pumps for the Meri Lou Murray Recreation Center at 2960 Washtenaw Avenue in Ann Arbor, MI and Rolling Hills Park at 7660 Stony Creek Road in Ypsilanti Twp. MI. This project is a component of a larger project to implement energy efficiency and conservation strategies to reduce fossil fuel emissions and total energy use in Washtenaw County.

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, **Five (5) copies**, the **original and four (4) 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 straightforward, concise description of the contractor’s ability to meet the requirements of the RFP. Proposals shall be typewritten. No erasures are permitted. Mistakes may be crossed out and corrected and must be initialed in ink by the person signing the proposal.

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F. In the event, the County receives two or more bids from responsive, responsible bidders, one 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 establish a company as a Washtenaw County vendor. The County shall have sole 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. CONTRACT PROVISIONS

If a contract is awarded, the selected vendor will be required to adhere to a set of general contract provisions which will become a part of any formal agreement. These provisions are general principles which 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 Director of Support Services Technology & Operations and/or 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.

Section 4 - The parties agree that all work done under this contract shall be completed in the United States and that none of the work will be partially or fully completed by either an offshore subcontractor or offshore business interest either owned or affiliated with the contractor. For purposes of this contract, the term, "offshore" refers to any area outside the contiguous United States, Alaska or Hawaii.

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. 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 nonowned 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 may be subject to the approval of the Washtenaw County Administrator, if requested by the 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, P. O. Box 8645, Ann Arbor, MI, 48107, and shall provide for 30 day written notice to the Certificate holder of cancellation of coverage.

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.

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 \$11.05 per hour with benefits or \$ 12.96 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 April 30, 2012 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.

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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.

III. GENERAL SPECIFICATIONS

A. GENERAL INFORMATION

1. **Purpose of Proposal**

The purpose of this Request for Proposal (RFP) is to obtain bids to provide the services required to supply and install Variable Frequency Drives (VFD's) for pool pumps for the Meri Lou Murray Recreation Center at 2960 Washtenaw Avenue in Ann Arbor, MI and Rolling Hills Park at 7660 Stony Creek Road in Ypsilanti Twp. MI. This project is a component of a larger project to implement energy efficiency and conservation strategies to reduce fossil fuel emissions and total energy use in Washtenaw County.

2. **Issuing Office**

The RFP is issued by the Washtenaw County Purchasing Division on behalf of the Washtenaw County Parks and Recreation Commission. Correspondence, questions and additional information regarding this RFP shall be addressed to:

Crystal A. Wake, C.P.M., CPPB
Senior Buyer
Administration Building
220 N. Main, B-35
Ann Arbor, MI 48104

Questions of a technical nature should be directed to:

Richard Kent, Park Planner
Washtenaw County Parks and Recreation Commission
PO Box 8645
Ann Arbor, Michigan 48107

3. **Changes in RFP**

Should any prospective proposer be in doubt as to the true meaning of any portion of this Request for Proposals, or should the proposer find any patent ambiguity, inconsistency or omission therein, the proposer shall make a written request for an official interpretation or correction. Such requests shall be submitted to the issuing office not less than five (5) days prior to the final date of submittal of the proposals.

Such interpretation or correction, as well as any additional RFP provisions that the WCPARC may decide to include, will be made only as an addendum, which will be emailed to each firm recorded as having received a copy of the RFP. Any addendum issued by the WCPARC shall become a part of the RFP and shall be taken into account by each proposer in preparing his or her proposal.

4. Proposal Receipt

Proposals must arrive at Washtenaw County Purchasing, Administration Building, 220 N. Main, Ann Arbor, MI 48104 on or before **4:00 pm, July 13, 2011**. Prospective firms are responsible for the timely delivery of their proposal.

5. Disclosures

All information in a submitter's proposal is subject to disclosure under the provisions of Public Act No. 442 of 1976 known as the "Freedom of Information Act." This Act also provides for the complete disclosure of contracts and attachments thereto. All unsuccessful proposals will be retained for thirty (30) days after acceptance of the successful proposal.

6. Type of Contract

A standard Washtenaw County Service Contract will be executed between the WCPARC and the Contractor. The WCPARC reserves the right to award the total proposal, to reject any and all proposals in whole or in part, and to waive any informality or technical defects if, in the WCPARC's sole judgment, the best interests of Washtenaw County will be so served.

7. Cost Liability

The WCPARC assumes no responsibility or liability for costs incurred by the consultant prior to the execution of a Service Contract. The liability of the WCPARC is described in the standard Service Contract.

B. SCOPE OF SERVICES

1. Background Information

The Meri Lou Murray Recreation Center in Ann Arbor, a 51,500 square foot building, has a double gymnasium, fitness/exercise rooms, a walking/jogging track and pool. The recreation center has over 4,000 annual memberships and 400,000 visitors annually. The pool is used throughout the year, holds 88,000 gallons of water, and has a flow rate of 185 gallons per minute.

VFD's will be installed to two pumps for the indoor pool in the Recreation Center.

Rolling Hills Park is one of the County's most popular parks. It houses a Water park that provides a Wave Action Pool, Body, Flume Slides, a Sand Play Area, a Lazy River and two Spray Play Pads. Support elements include a 295 car parking lot, an admissions/office/bather prep building, a pool mechanical building and concession.

The sanitary sewerage utilizes a septic system that terminates in a leaching field. Likewise the pool backwash is discharged to a settling basin, where it naturally de-chlorinates and then runs off and/or percolates into the soil.

VFD's will be supplied to 14 pumps to the outdoor pools at the Rolling Hills Water Park. The pumps range from five (5) to sixty (60) horsepower.

2. Scope of Work

Furnish Variable Frequency Drive Control Panels as specified herein. All VFD control panels shall be housed inside a NEMA 4 or NEMA 12 enclosure (for indoor locations with chemical gas present), no exceptions will be accepted.

3. Manufacturers

- A. H2flow Controls, Inc., Maumee, OH
- B. Neptune-Benson, Coventry, RI
- C. Spear Corporation, Roachdale, Indiana
- D. BECS Technology Inc., Saint Louis, Missouri
- E. Pre-approved equal meeting the detailed requirements of this specification.

Note that all “named” Manufacturers must meet the detailed requirements of this specification. Any proposed exceptions must be clearly stated at bid time, citing the reason for non-compliance, and the cost for providing a conforming product. Failure to provide a detailed list of proposed exceptions may cause a bid to be deemed non-responsive. The County will be the sole determiner of the acceptability of a proposed exception. In no case will adjustments to the Contract Price be allowed later for conformance to the Specifications.

4. General Requirements

- A. The NEMA 4 or NEMA 12 enclosure shall be of Die Cast Aluminum construction. Plastic enclosures will not be accepted.
- B. The VFD shall convert incoming fixed frequency three phase AC power into a variable voltage and variable frequency three phase output utilizing pulse width modulation. Advanced Space Vector Control will be utilized to reduce motor heating and provide precise control of the AC motor.
- C. The VFD shall include a built-in Line Filter to mitigate harmonic distortions being transmitted back through the supply lines.
- D. The VFD shall include a full wave diode bridge rectifier. The drive shall maintain a fundamental power factor near unity regardless of speed or load. SCR front ends which produce line notching are not acceptable.
- E. The VFD shall utilize DC capacitors to filter out bus ripple and provide smooth DC power to the transistor section.
- F. The VFD shall utilize IGBT transistors to produce a pulse width modulated output. SCR's are not acceptable.

- G. The VFD shall have a full load amp rating which exceeds or meets NEC Table 430-150. The VFD shall be able to provide full rated output current continuously, and shall be able to provide 110% of its variable torque rating and 150% of its constant torque rating for one minute.
- H. The VFD shall utilize space vector control to reduce motor harmonics and torque ripple.
- I. The VFD shall include Load Curve Monitoring Using Motor Shaft Power, to detect any of the following abnormal pump conditions: Run Dry/Loss of Prime; Cavitation; Dead head/Closed Valve; Worn impeller; Blocked Filter; Bearing Failure/Wear Detection.
- J. The VFD shall include Ramping of the DC Bus, to eliminate VFD failures associated with turning supply on and off using a contactor or disconnect, and to detect input phase failure and asymmetries (imbalanced supply).
- K. The VFD shall provide a display with selectable readout of parameters, such as: Speed; Torque; Motor Shaft Power; Electrical Power; Current; Output Voltage; Frequency; Heatsink Temperature; Motor Temperature; Run Time; Energy Consumed; Mains Time.
- L. The VFD shall include the capability for copying of settings when multiple similar pumps are involved. Settings established in one VFD can be transferred to the others via the removable keypad.
- M. The VFD Control Panel shall include a Programmable Aquatic Controller (PAC) with an operator backlit LCD Graphical / Alpha / Numerical Display, housed in a separate NEMA-4X enclosure. The PAC shall comprise the following features:
 - 1. Real Time Clock
 - 2. Custom software to control the VFD via a Modbus communication network
 - 3. Automatic Flow Control. The controller and VFD are to automatically adjust the pump's speed in order to compensate for a filter becoming dirty. The system is to maintain a minimum flow (GPM) required to meet State mandated turnover rates.
 - 4. Non volatile memory. All programmed parameters as well as the real time clock settings shall be maintained in the event of a power outage.
 - 5. Manual Backwash Control. Single button control that will ramp the pump's speed to a higher level for backwashing.

6. Automatic Backwashing. The PAC shall accept an input from an Automatic Backwashing system. The PAC's program shall be written so that such a signal will automatically initiate a higher speed for the pump until the signal is removed.

- N. The VFD Control Panel shall include a Lightning Arrestor.
- O. Installations that require the VFD panel to be located greater than 300 feet from the Pump Motor shall require the installer to provide a suitably rated Load Reactor.
- P. Installations to 460V Non-VFD rated motors shall require the installer to provide a suitably rated Load Reactor.
- Q. Installations in locations where a Power Disconnect is not within 'line of sight' of the VFD Control Panel, or where deemed necessary by local electrical codes, shall require the installer to provide a suitably rated Circuit Breaker Disconnect.
- R. The VFD shall accept a supply voltage of -15% / + 10% of its stated supply rating.
- S. The PAC and VFD shall be electronically lockable in order to prevent unauthorized or unintended program changes.
- T. Motors to which the VFD is to be installed shall have a minimum insulation of "Class F".

5. Installation Requirements

- A. Isolate and lockout all power supplies from Supply Breaker to pump motor and control circuits
- B. Remove as necessary any existing Across-the-Line motor control equipment
- C. Mechanically install VFD to the physical location agreed with the County
- D. Run Conduit from Supply Breaker to VFD
- E. Electrically connect Power feed to VFD
- F. Run Conduit from VFD to Pump Motor
- G. Electrically connect VFD to Pump motor

- H. Install Flow Meter to Pump Discharge Piping to maintain a constant flow rate
- I. Electrically connect Flow Meter's analog output to VFD

6. System Programming and Training – Scope of Work

- A. Visually inspect all installed wiring, check for conformity with schematics provided
- B. Check electrical integrity of all terminations
- C. Remove power supply lockout and apply reconnect electrical supplies
- D. Determine the flow rate required in order to achieve State mandated turnover
- E. Setup A-VFD to achieve required flow rate
- F. Establish set point using VFD's reference potentiometer to maintain a constant flow rate
- G. Provide client an overview of the work performed and operation of the system
- H. Secure all panel doors and lock as appropriate

7. Warranty

The VFD Control Panel shall include a Warranty of 36 months from the date of supply. Vendor/Installer will provide an all inclusive 1 Year warranty on all parts and labor. All manufactures warrantees must be supported.

8. Vendor Responsibilities

- A. Will procure any required permits
- B. Will provide training required to assure ease of operation
- C. Will provide all manuals and documentation available
- D. Will provide any equipment required but not listed in this specification to insure the system operates to the specification

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E. Will assist WCPARC in the preparation of any required documentation

NOTE: WCPARC RESPONSIBILITIES

1. Will provide any required electrical power to operate system
2. Will allow reasonable access to the facility to assure ease of installation

C. PERFORMANCE SCHEDULE

RFP issued	June 16, 2011
Pre-bid (Mandatory)	June 23
Meet at Meri Lou Murray Rec. Center	at 1:00 pm
Meet at Rolling Hills County Park	at 2:30 pm
Proposal submittal deadline	July 13, at 4:00 pm
Selection recommendation	July 31
Contract award	August 9 (Commission meeting)
Initiate installation	August 17
Complete work	August 31, 2011

BID SHEET

Please complete the following with Unit costs for each pump required and installation charges for a total amount. Please list any other charges in detail on space provided at the bottom.

VARIABLE FREQUENCY DRIVES (VFD) FOR POOL PUMPS

TYPE	QTY	PUMP COSTS	INSTALLATION COSTS	TOTAL
<u>INDOOR</u>				
3 HP	1	\$	\$	\$
5 HP	1	\$	\$	\$
<u>OUTDOOR</u>				
5HP	1	\$	\$	\$
10 HP	1	\$	\$	\$
15 HP	2	\$	\$	\$
30 HP	3	\$	\$	\$
40 HP	4	\$	\$	\$
50 HP	2	\$	\$	\$
60 HP	1	\$	\$	\$
TOTAL AMOUNT				\$

REMARKS & OTHER CHARGES:

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IV. SIGNATURE PAGE

The undersigned agrees to enter into an agreement with the County to provide and install the 16 Variable Frequency Drives for the pool pumps at the Meri Lou Murray Recreation Center and Rolling Hills Park for the Lump Sum of:

\$ _____

ABOVE AMOUNT IN WORDS _____ dollars

COMPANY INFORMATION

Signature Date

Company Name

Print Name

Company Address

Title

City County St. Zip

Telephone # Fax #

Email Address for Purchase Orders

Federal Tax ID #

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

The above individual is authorized to sign on behalf of company submitting proposal.

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

Appendix A

QUALIFICATION AND EXPERIENCE STATEMENT

Washtenaw County requires supporting evidence regarding Bidder's Qualifications and competency. The Bidder must furnish all of the applicable information listed below and this information must be submitted with the sealed bid at the time of the Bid Opening. The Qualifications and Experience Statement (below) must be type written or neatly printed and signed in ink.

QUALIFICATIONS AND EXPERIENCE

The Undersigned certifies that the information provided herein is true and sufficiently complete to not be misleading.

Submitted By: _____

Name: _____

Address: _____

Telephone No. _____ Fax No. _____

Email _____

Principal Office: _____

Corporation: _____ Joint Venture: _____

Partnership: _____ Other: _____

Individual: _____

Professional Staff (No. of each)

Architects _____ Planners _____

Engineers _____ Surveyors _____

Landscape Architects _____ Environmental Scientists _____

Other: _____ (Please Specify)

Other: _____ (Please Specify)

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ORGANIZATION

How many years has your organization been in business? _____

Under what other or former names has your organization operated?

_____ No. of years _____

If your organization is a corporation, answer the following:

Date of Incorporation: _____

State of Incorporation: _____

President's Name: _____

Vice President's Name: _____

Secretary's Name: _____

Treasurer's Name: _____

If your organization is a partnership, answer the following:

Date of Organization: _____

Type of Partnership: _____

Name(s) of General Partner(s): _____

If your organization is individually owned, answer the following:

Date of Organization: _____

Name of Owner: _____

If the form of your organization is other than those listed above describe it and name the principals:

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EXPERIENCE

In the space below, (or on a separate sheet) list the major design and construction projects your organization has completed in the past five (5) years, giving the name of the project, owner, architect/engineer, contract amount, and date of completion.

PROJECT	OWNER and CONTACT	CONTRACT AMOUNT	DATE OF COMPLETION

CLAIMS AND SUITS

Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or officers? _____ (if the answer is yes, attach details)

REFERENCES

Trade References: _____

Bank References: _____

Dated at: _____ this _____ day of _____, 20_____

Name of Organization: _____

By: _____

Title: _____

IF THIS INFORMATION IS NOT SUBMITTED WITH THE SEALED BID AT THE TIME OF BID, THE BID WILL BE CONSIDERED INCOMPLETE.

LOCATION MAPS

Meri Lou Murray Recreation Center
Rolling Hills County Park

